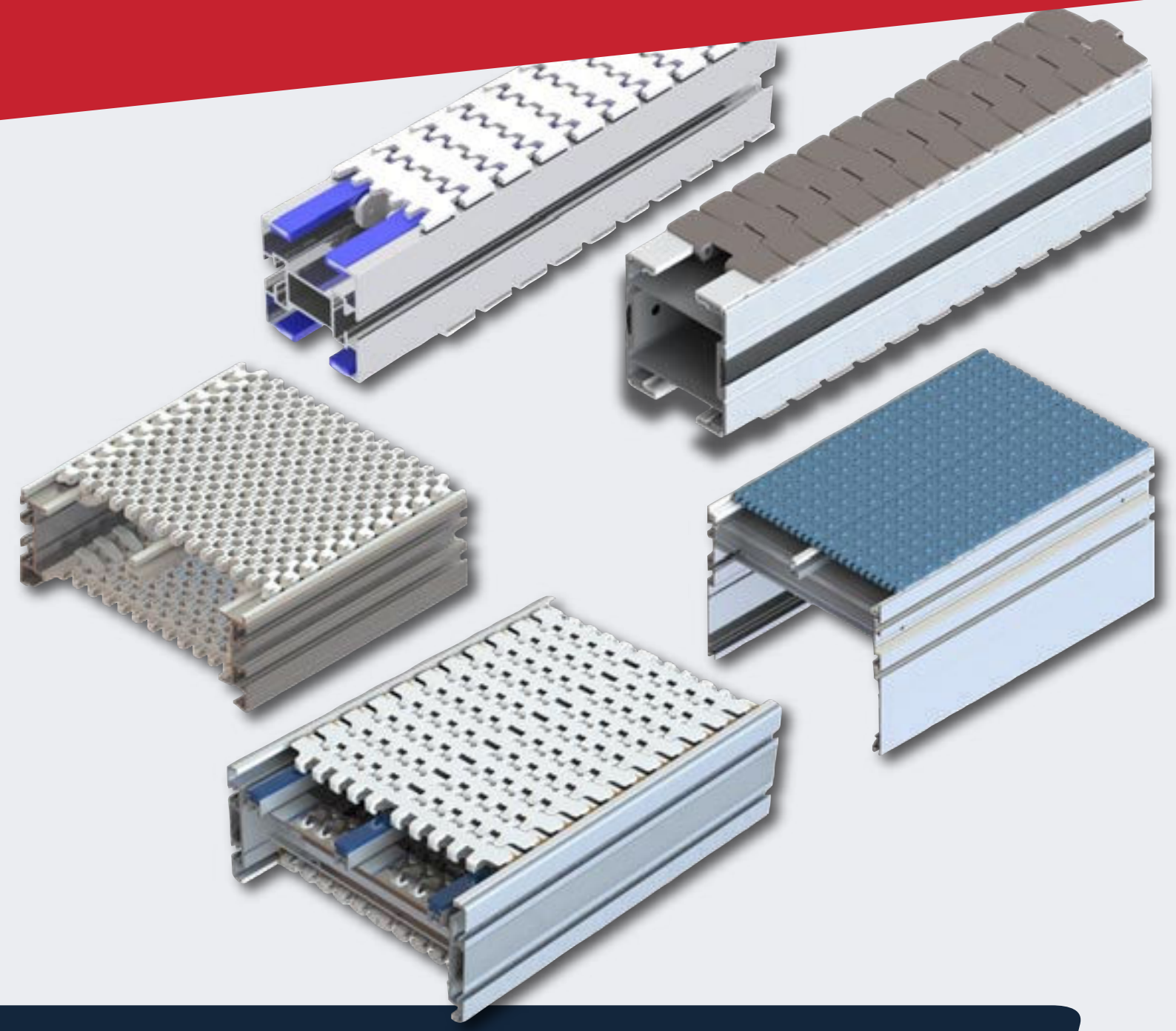
MOOVITIQUE



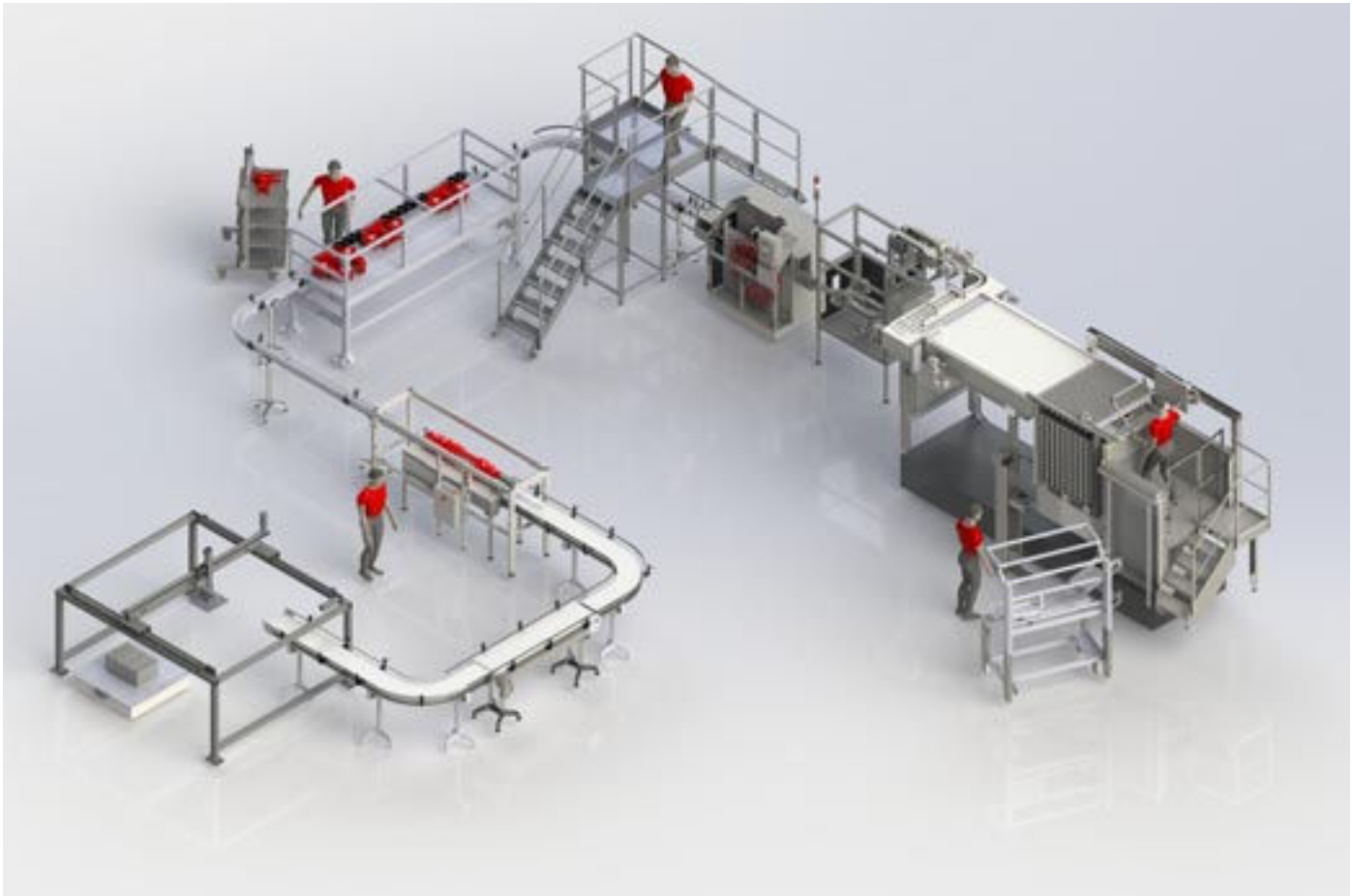
• MODULAR CONVEYORS

ELCOM / **FABER** / TRANSEPT

hellomoov

one move ahead

Shared design work



Design of lines in 3D.

More than 30 years experience in modular conveyors. FABER takes over your transport projects as soon as you express the need.

Curve production by digital bending

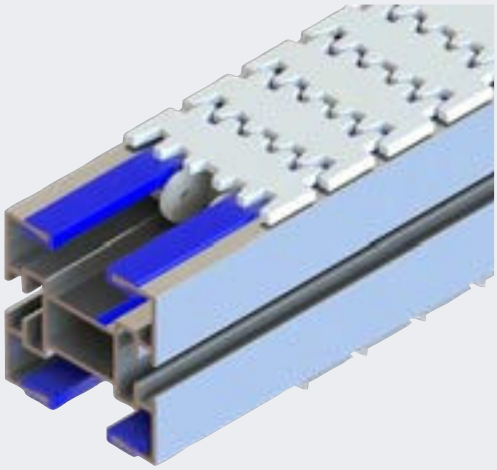
- On the basis of our standard ranges, we propose kinematics adapted to your needs.
- A network of sales engineers in your area ready to discuss with you.
- Technical recommendations.
- 2D/3D libraries available to your design office.
- Large stock
- Reactivity and short delivery lead times
- Constant pursuit of innovations (performance, functions, ergonomics, development of new ranges).
- Delivery as a kit or fully assembled conveyors.

Integral finishing and assembly shops

40 tonnes of aluminium profile, thousands of components in stock.

Slat chain conveyors

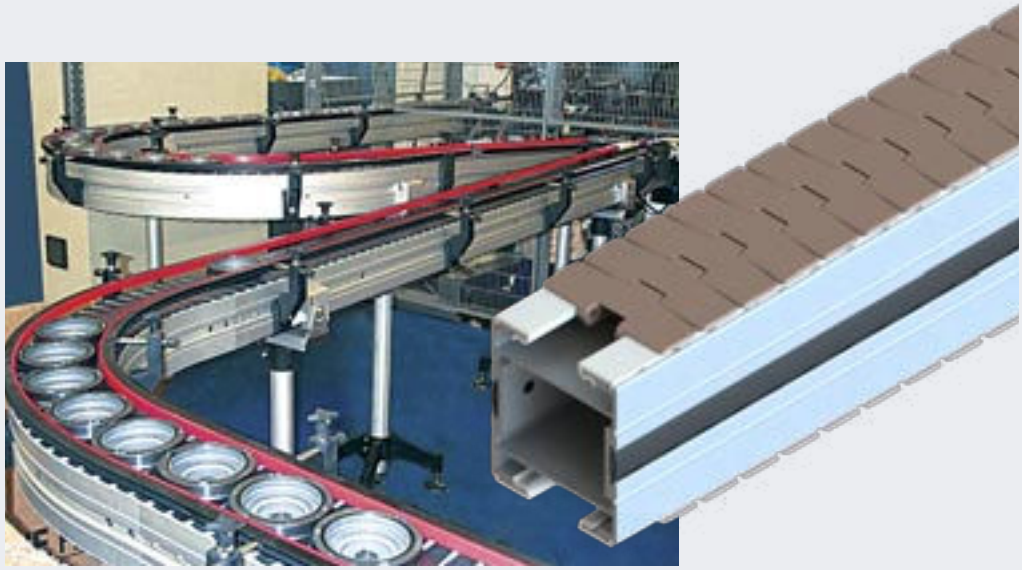
Flex



- Standard
- Economical
- Easily adaptable
- Silent
- To transport unitary products
- Widths 45 to 300 mm (aluminium structure) and 65 to 105 mm (Flexinox® stainless steel structure)

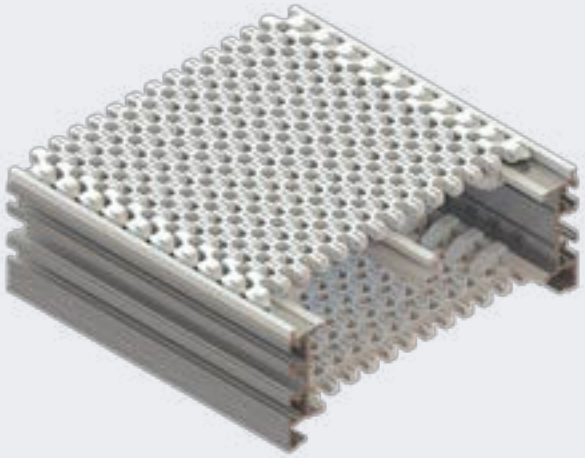
Robur

- Tough
- Open or monobloc structure
- Difficult conditions (dust, chips, etc.)
- Unitary or overpacked products
- Widths 70 to 196 mm



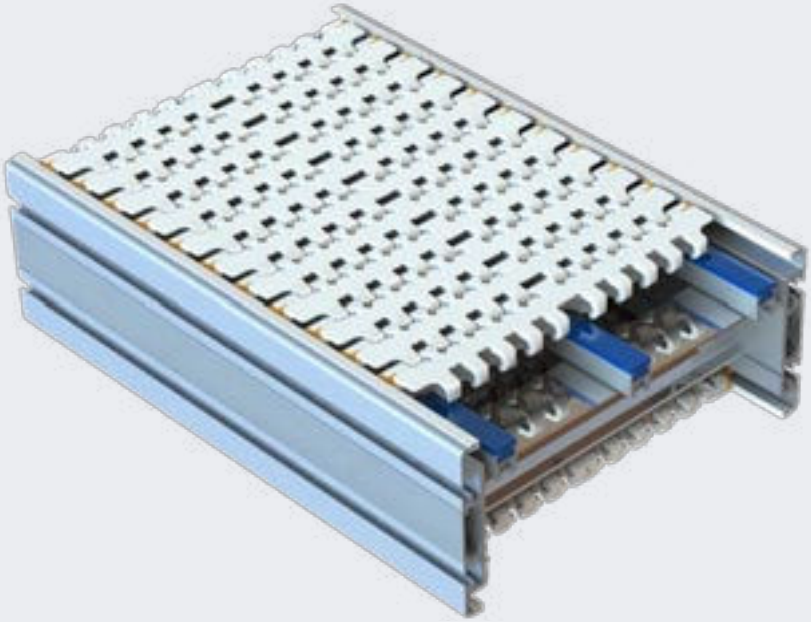
Modular belt conveyors

h'ecoflex



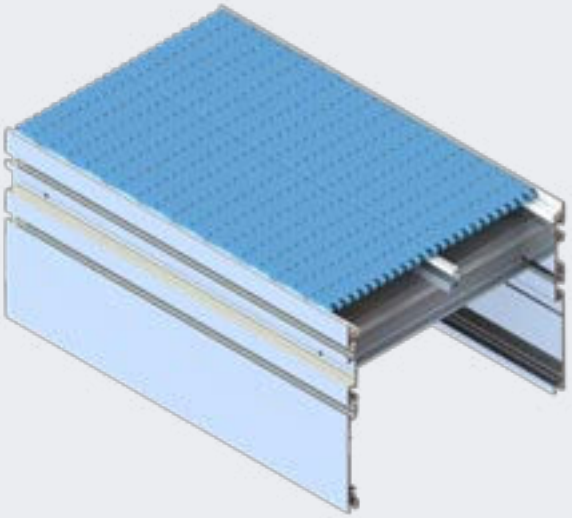
- Economic
- Multi-curve geometries
- Small radius of curve
- Silent
- Easy maintenance
- Compact structure, small winding Ø
- Widths: 165 to 1028 mm

Flextoo



- Tough
- Silent
- Easy to maintain
- Personnel safety
- Possibility of complex geometry
- Heavy loads
- Transport of overpacked products, boxes, etc.
- Widths 230 to 650 mm

CAB



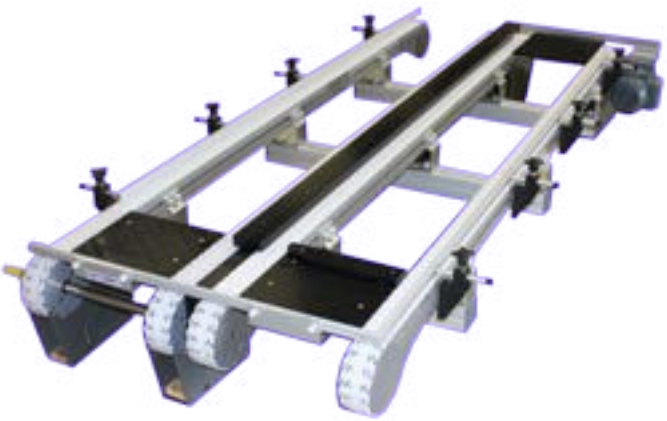
- Straight conveyor
- Smooth belt
- Ball or roller belt
- Widths from 165 mm

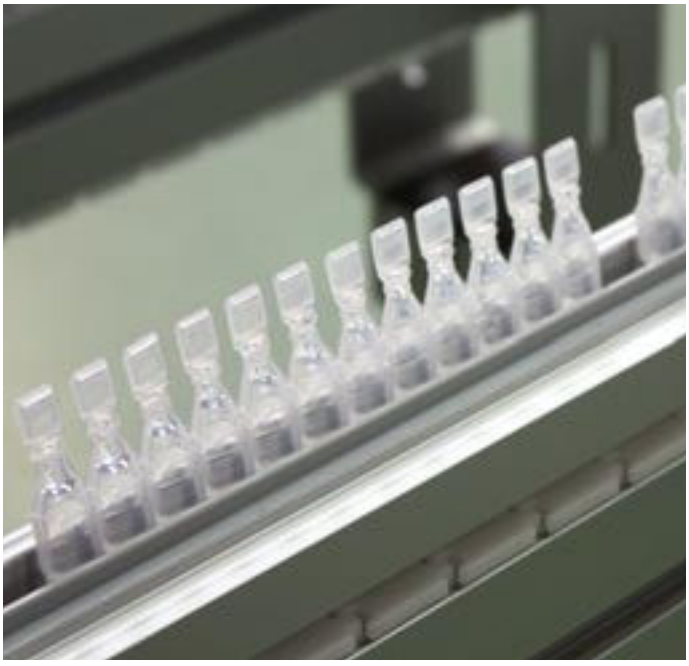
/ SUMMARY

COMPARATIVE TABLES OF THE DIFFERENT RANGES

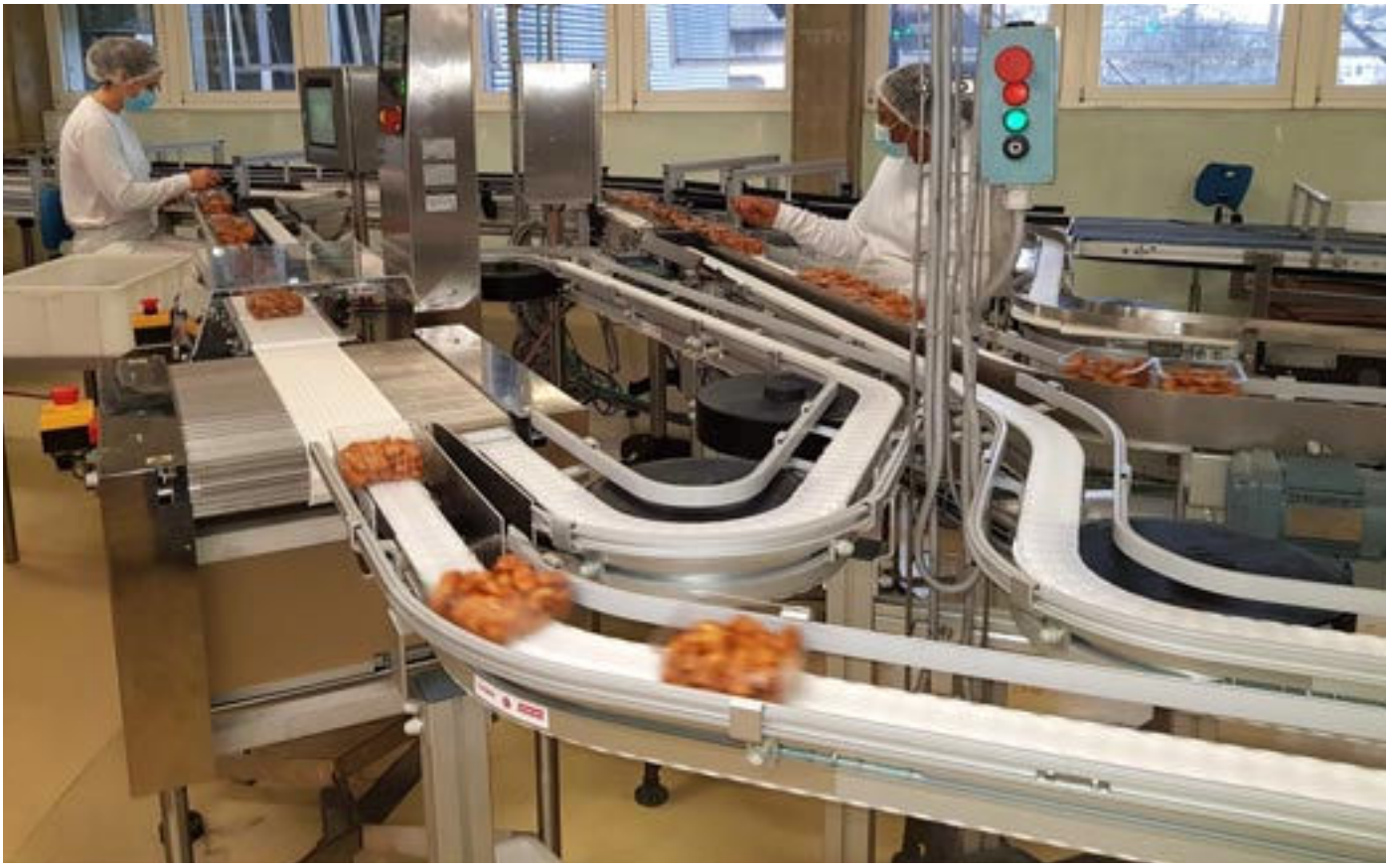
Chains conveyors	Flex									Robur®					
	F45	FK	FS SS	FM SM	CM	FC SC	FL	FB 175	FB 295	R1	R2TB	R2	R3TB	R3	R4
Conveyor width (mm)	45		65	85		105	155	182	300	70	86		118		196
Chain width (mm)	43	44	63	83		103	150	175	295	63,5	82,5		114,3		190,5
Standard Material	POM chain									POM or metal chain (stainless steel or steel)					
Chain elastic Limit	200 N	500 N except with plastic pins		1250 N except with plastic pins						2250 N					
Maximum weight on conveyor	35 kg	160 kg		400 kg						10 kg	500 kg				
Max speed m/mn	20 m/mn	60 m/mn								40 m/mn					
Kinematic complexity	10 m	25 m								15 m					
Conditions	Clean, dry									Oils - Temperature - Abrasive conditions (sugar, ceramic, dust, chips, etc.)					
Industry	Agri-food (packaged products), Pharmacy, Cosmetics									Automotive, Mechanical, Heavy industries					

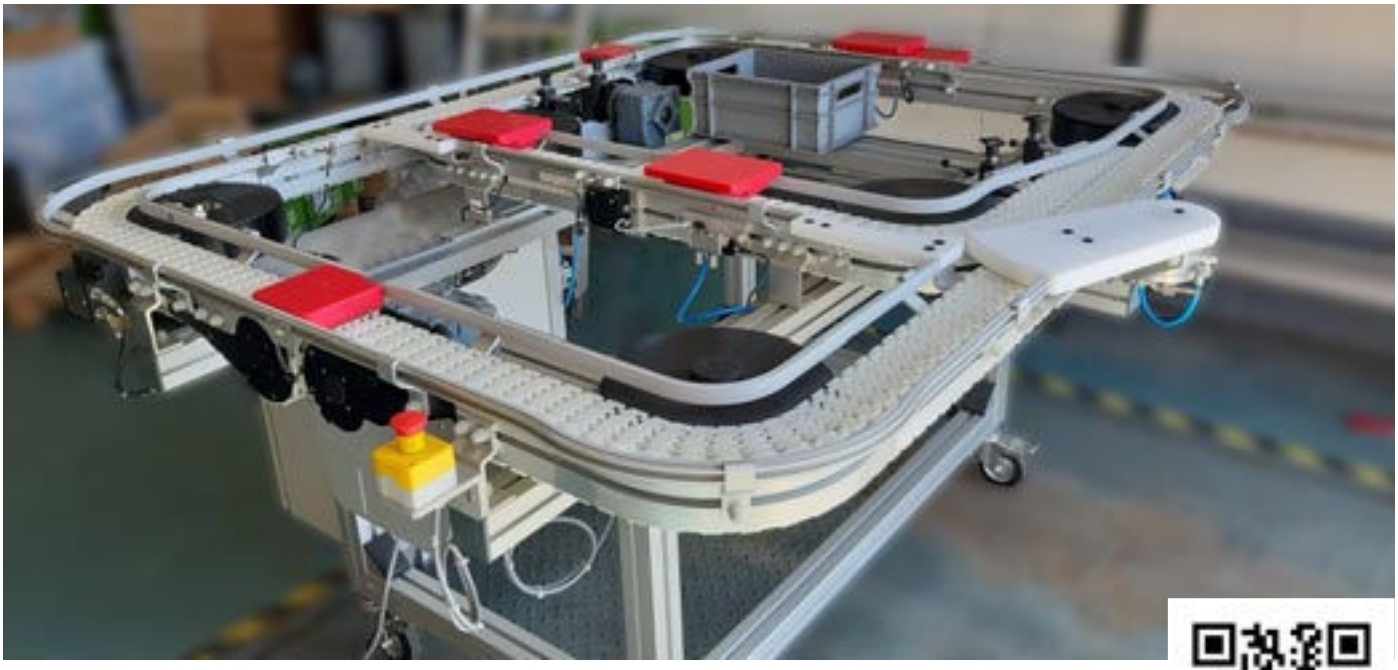
Belt conveyors	h'ecoflex®										Flextoo®					CAB
	HEF 1	HEF 2	HEF 3	HEF 4	HEF 5	HEF 6	HEF 7	HEF 8	HEF 9	HEF 10	F2-750	F2-1200	F2-1500	F2-1800	F2-2400	
Conveyor width (mm)	165	227	309	411	514	617	719	822	924	1028	227	342	418	494	647	≥ 160
Belt width (mm)	148	210	292	394	497	600	702	805	907	1011	190,5	304,8	381	457,2	609,6	≥ 152,4
Standard material	POM C Belts, PA shafts										POM belt + Kevlar reinforced wear heels					Belt POM or PP
Belt elastic Limit	Straight parts : 1200 N/m width Curved parts : 1200 N										2000 N	3400 N	3500 N	3600 N	3800 N	according to width
Maximum weight on conveyor	600 kg										1400 kg	2000 kg				according to width
Max speed m/mn	40 m/mn										80 m/mn					80 m/mn
Kinematic complexity	up to 15 m depending on load and conveyor geometry										30 m					35 m
Conditions	Clean, dry										Cardboard dust					Clean, dry
Industry	Agri-food (packaged products and overpacked products), Pharmacy, Cosmetics										Agri-food (packaged and overpacked products), Pharmacy, Cosmetics					





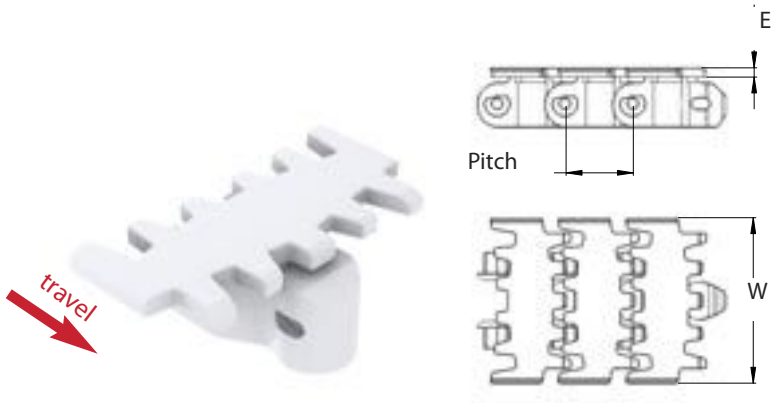
• FLEX:
Curved chain conveyor for light loads





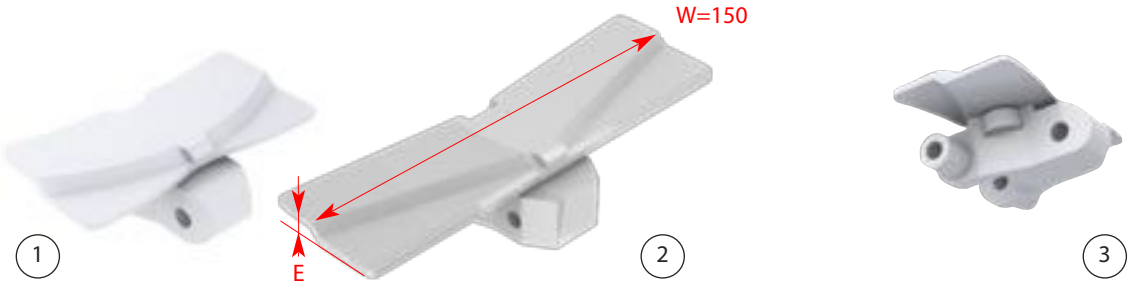
/ FLAT CHANNELS, SAFETY CHAINS

For horizontal and sloping (< 5°) transfers and accumulation conveying



Flat chains		FK	FS - SS	FM - SM	FC - SC
	Pitch	25,4	25,4	33,5	35,5
	E	3,1	3,5	4	4,4
	W	44	63	83	103
Material	Colour				
Natural acetal	White	**FKPC 5**	**FSPC 5**	**FMPC 5**	**FCPC 5**
idem, with plastic pin (*)		**FKPC 5P**	**FSPC 5P**	**FMPC 5P**	**FCPC 5P**
Antistatic black acetal	Black	**FKPC 5CD**	**FSPC 5CD**	**FMPC 5CD**	**FCPC 5CD**
Kevlar reinforced acetal	Yellow	**FKPC 5WR**	**FSPC 5WR**	**FMPC 5WR**	**FCPC 5WR**
High temperature (100°C)			**FSPC 5HT**	**FMPC 5HT**	**FCPC 5HT**
PBT			**FSPC 5PBT**		
Fibre glass reinforced acetal	White		**FSPC 5GF**	**FMPC 5GF**	**FCPC 5GF**
acetal, lubricated			**FSPC 5LF**	**FMPC 5LF**	**FCPC 5LF**
Anti-UV acetal		**FKPC 5UV**	**FSPC 5UV**	**FMPC 5UV**	**FCPC 5UV**
PVDF		**FKPC 5PV**	**FSPC 5PV**		
Natural acetal for twisted module			**FSPC 5M**	**FMPC 5M**	**FCPC 5M**

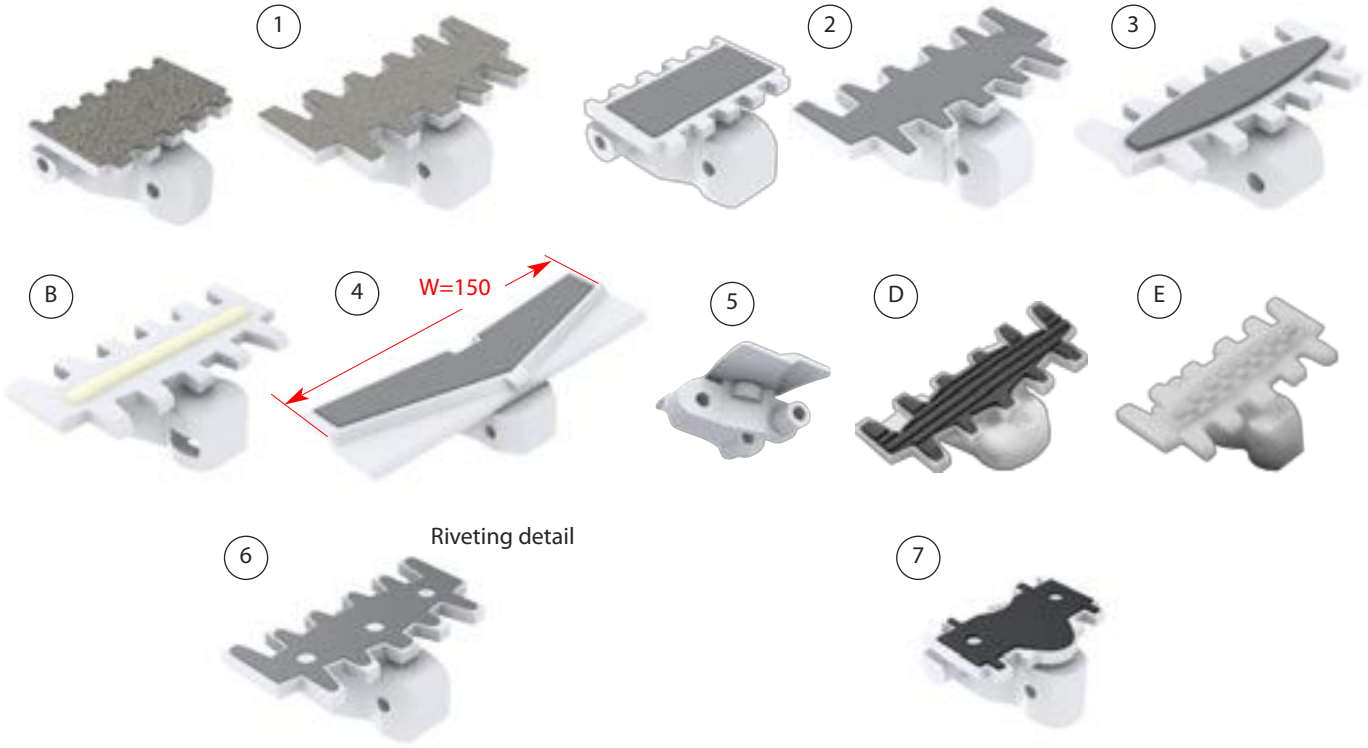
(*) Chains with plastic pins: reduced elastic limit



Safety chains		FM - SM	FL
Natural acetal chains	Pitch	33,5	35,5
Thickness	E	5,5	7,3
Width	W	83	150
Standard version	Fig. 1	**FMPC 5V**	
High temperature (100°C)		**EMPC 5HT**	
Antistatic black acetal	Fig. 2		**FLPC 5V**
Version with lateral roller	Fig. 3	**EMPC 5R**	

/ COATED CHAINS

for horizontal or sloping transfer



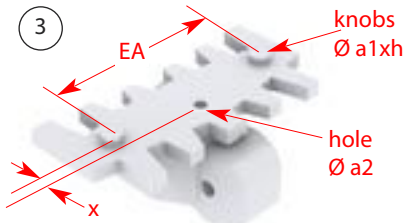
		FK	FS - SS	FM - SM	FC - SC	FL
Coated natural acetal chains	Pitch	25,4	25,4	33,5	35,5	35,5
Width	W	44	63	83	103	150
Coating / accumulation impossible	Figure					
Velvet grey flocking / fragile products	1	FKFC 5	FSFC 5	FMFC 5	FCFC 5	FLFC 5V
Flocking, colour to order	1	✔	✔	✔	✔	✔
Flat grey anti-slip insert on all links	2	FKFT 5	FSFT 5	FMFT 5A	FCFT 5A	
Idem, (L= pitch of coated links)	2	FKFT 5-L	FSFT 5-L	FMFT 5A-L	FCFT 5A-L	
Translucent flat anti-slip insert / all links	2		FSFT 5A	FMFT 5T	FCFT 5T	
Idem, (L= pitch of coated links)	2		FSFT 5A-L	FMFT 5T-L	FCFT 5T-L	
Translucent diamond-shaped insert / on all links	3	FKFT 5C	FSFT 5C	FMFT 5	FCFT 5	
Idem, (L= pitch of coated links)	3	FKFT 5C-L	FSFT 5C-L	FMFT 5-L	FCFT 5-L	
Translucent insert / on all links	3		FSFT 5F			
Anti-slip insert on all links	B		FSFT 5B	FMFT 5B	FCFT 5B	
Idem, (L= pitch of coated links)	B		FSFT 5B-L	FMFT 5B-L	FCFT 5B-L	
LF acetal variant	B				FCFT 5B LF	
Flat anti-slip insert on all links	4					FLFT 5V
Idem with lateral roller	5			EMFT 5R		
Idem, (L= pitch of coated links)	5			EMFT 5R-L		
Grooved anti-slip insert on all links	D			FMFT 5D	FCFT 5D	
Idem, (L= pitch of coated links)	D			FMFT 5D-L	FCFT 5D-L	
Short studded anti-slip insert / all links	E		FSFT 5E	FMFT 5E	FCFT 5E	
Idem, (L= pitch of coated links)	E		FSFT 5E-L	FMFT 5E-L	FCFT 5E-L	
Coating / accumulation possible						
50 HRC steel (for mechanical parts)	6		FSST 5FA	FMST 5FA	FCST 5	
Stainless Steel	7	FKST 5S				
Stainless Steel	6		FSST 5S	FMST 5S	FCST 5S	

/ SPECIAL FLAT CHAINS

1

2

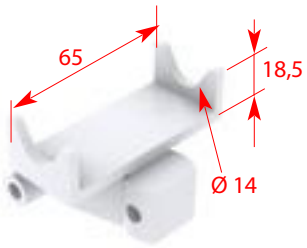
3



4

5

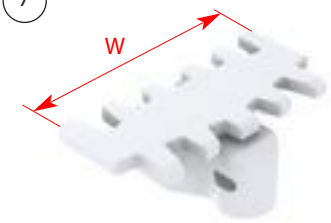
6



		FK	FS - SS		FM - SM	FC - SC
	Pitch		25,4		33,5	35,5
	W	44	56	63	83	103
	Figure					
Acetal chain, anti-stick surface	1			**FSNS 5**		
With magnetic insert	2			**FSMT 5**	**FMMT 5**	**FCMT 5**
EA "universal" acetal chain = centre distance	3	**FKUC 5 Øa1 = 2,9 EA = 30 h = 1,8**		**FSUC 5 Øa1=5 Øa2=3 EA=45 x=3,3**	**FMUC 5 Øa1=Øa2=6 EA= 50 x=3 h = 2**	
Idem, (L= pitch of "universal" links)				**FSUC 5-L**	**FMUC 5-L**	
Flat chain, radius ≥ 700 mm, acetal	4 (*)		**FSPC 5 R700 56**	**FSPC 5 R700**		
Flat chain, radius ≥ 700 mm, PBT			**FSPC 5 R700 56 PBT**	**FSPC 5 R700 PBT**		
Flat chain, radius ≥ 500 mm, acetal					**FMPC 5 R500**	
Flat chain, radius ≥ 700 mm, acetal	5 (*)				**FMPC 5 R700**	
Cradle chain Ø14, acetal *incompatible with horizontal curves*	6				**FMB14 5**	

(*) Chains incompatible with intermediate drives

7

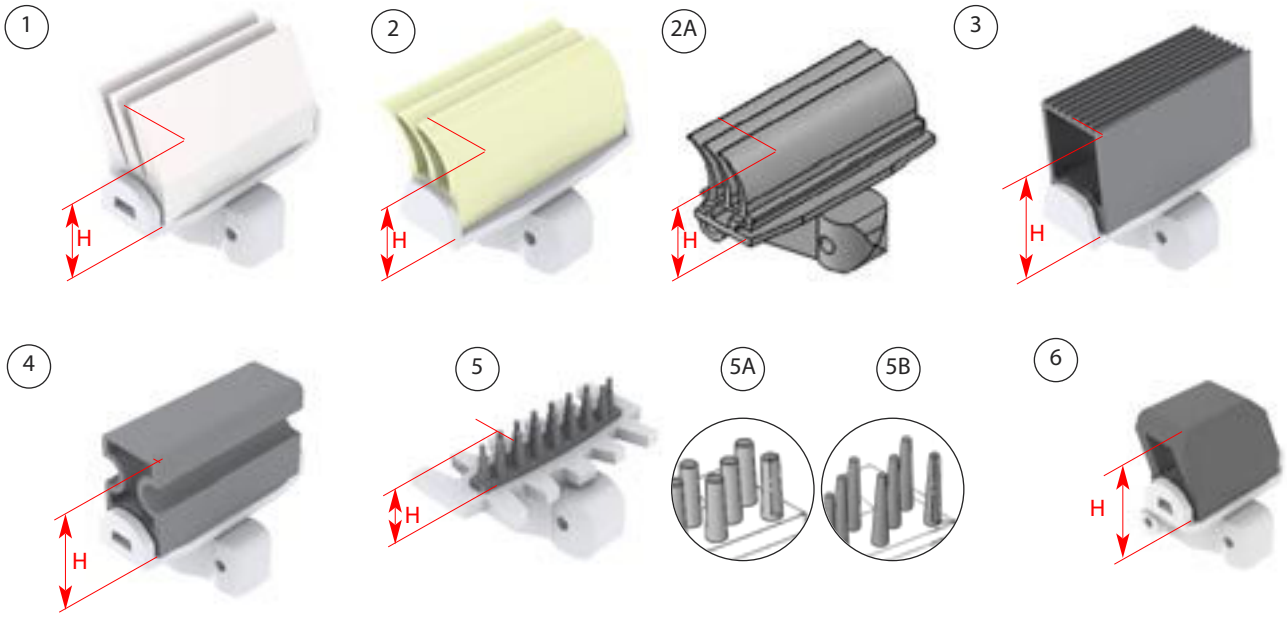


**References of width 76 mm require special drive modules, and curves R ≥ 500 mm*

		FS - SS			
	Pitch	25,4			
Chains in... (POM = acetal)->	Figure	POM	W	PBT	W
Flat chain, width 36	7	**FSPC 5 36**	36	**FSPC 5 36 PBT**	36
Flat chain, width 51		**FSPC 5 51**	51	**FSPC 5 51 PBT**	51
Flat chain, width 52		**FSPC 5 52**	52	**FSPC 5 52 PBT**	52
Flat chain, width 76		**FSPC 5 76**	76	**FSPC 5 76 PBT ***	76

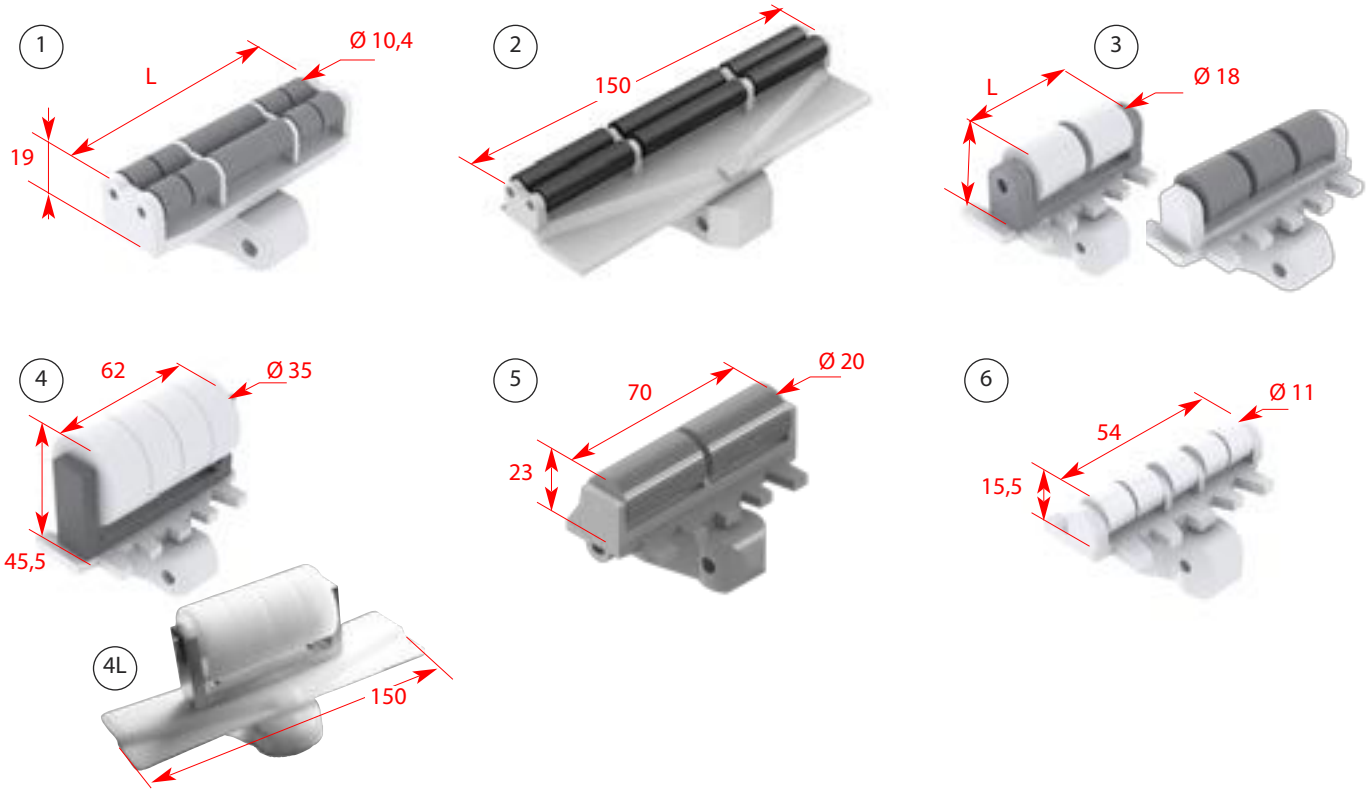
/ WEDGE CHAINS

References for each chain link fitted with an insert, dimension H taken above the slat.

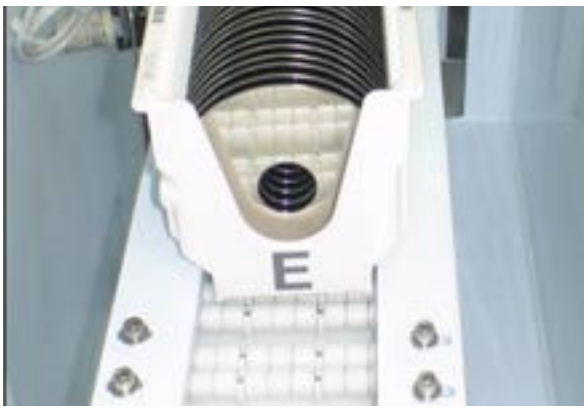


		FK		FS - SS		FM - SM	
	Pitch	25,4				33,5	
	W	44 - 45		63		83	
	Figure		H ↓		H ↓		H ↓
Slat insert	1			**FSWT 5BA**	30	**FMWT 5B**	31,3
Flexible slat insert	2			**FSWT 5B**	28		
		FKWT 5D	25	**FSWT 5D**	25	**FMWT 5DC**	32
	2A					**FMTE 5C**	27,5
Tubular insert	3	**FKWT 5C**	30	**FSWT 5C**	30	**FMWT 5C**	30
Tubular insert with 1 fold	4	**FKWT 5DA**	30	**FSWT 5DA**	30	**FMWT 5DA**	30
"Brush" insert *for light loads (<1kg)*							
soft stepped studs (grey colour)	5	**FKWT 5A**	12,5	**FSWT 5A**	10	**FMWT 5A**	11,5
semi-soft conical studs (translucent)	5A					**FMWT 5A FA**	11
soft conical studs (translucent)	5B					**FMTE 5BS**	11
Inclined tubular insert	6	**FKWT 5DB**	25	**FSWT 5DB**	25		

/ ROLLER CHAINS
/ LUG / ROLLER CHAINS

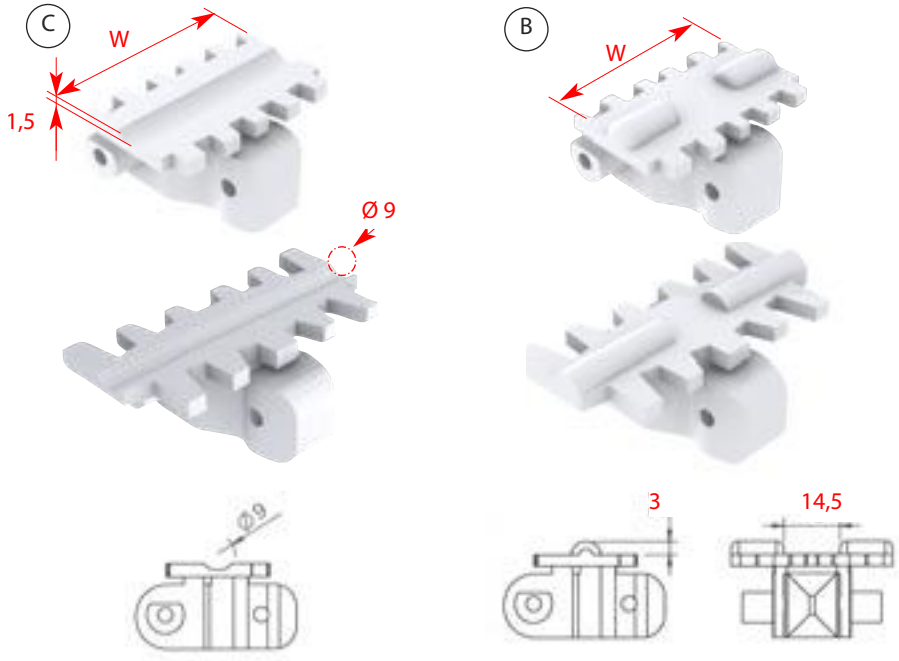


		FS - SS	FM - SM	FC - SC	FL
Acetal chains with...	Pitch	25,4	33,5	35,5	35,5
	W	63	83	103	150
	Figure				
2 rows of rollers Ø10.4 on each link	1		**FMRT 5** (L=72)	**FCRT 5** (L=93)	
	2				**FLRT 5V**
1 row of rollers Ø18 on each link	3	**FSRC 5A** (L=39)	**FMRC 5A** (L=60)	**FCRC 5A** (L=60)	
Same as pitch = (roller lug function)		**FSRC 5A L**		**FCRC 5A L**	
1 row of rollers Ø35 on each link	4		**FMRC 5B**	**FCRC 5B**	**FLRC 5VB** (4L)
Same as pitch = (roller lug function)			**FMRC 5B L**	**FCRC 5B L**	
1 row of rollers Ø20 on each link	5		**FMRC 5C**		
Same as pitch = (roller lug function)			**FMRC 5C L**		
1 row of rollers Ø11 on each link	6	**FSRT 5**			
Same as pitch = (roller lug function)		**FSRT 5 L**			



/ GROOVED CHAINS OR CHAINS WITH DOMED RELIEF

Usual Application: transport of cigarettes,
same reference for every chain link



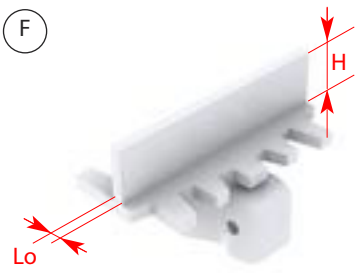
		FK				FS - SS			
	Pitch	25,4				25,4			
Chains in... (POM = acetal)->	Figure	POM	W	PBT	W	POM	W	PBT	W
Chain with R 4.5 groove	C	**FKCT 5C**	44			**FSCT 5C**	63	**FSCT 5C PBT**	63
Reduced width variant						**FSCT 5C 51**	51	**FSCT 5C 51 PBT**	51
Chain with domed reliefs	B	**FKCT 5B**	43	**FKCT 5B PBT**	43	**FSCT 5B**	63	**FSCT 5B PBT**	63
Reduced width variant		**FKCT 5B 36**	36			**FSCT 5B 51**	51	**FSCT 5B 51 PBT**	51
Increased width variant						**FSCT 5B 76 ***	76	**FSCT 5B 76 PBT ***	76

**References of width 76 mm require special drive modules, and curves R ≥ 500 mm*

/ WIDE LUG CHAINS

(same width as the link) Horizontal or sloping transfer, without accumulation
References for lug link with a pitch L (multiple of the pitch of the chain)

F



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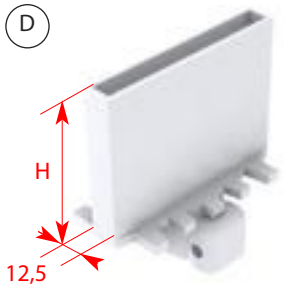
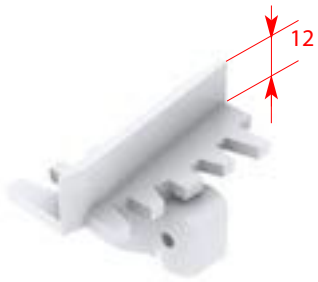
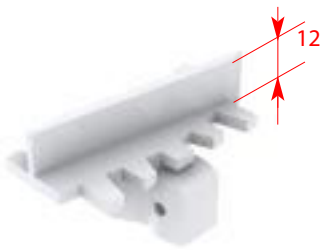


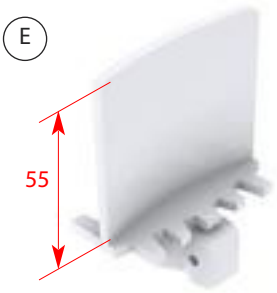
FL



FR



E

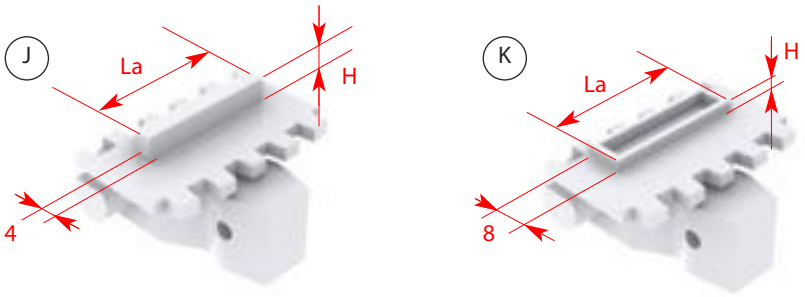


		FK		FS - SS		FM - SM	
Acetal chains	Pitch	25,4		25,4		33,5	
Chain width = Lug width	W	44		63		83	
Thickness of thin lug	Lo	2		3		3,5	
	Figure		H ↓		H ↓		H ↓
Thin lug chains	F	**FKCT 5F3 L**	3	**FSCT 5F15 L**	15	**FMCT 5F15 L**	15
		FKCT 5F5 L	5			**FMCT 5F20 L**	20
		FKCT 5F9 L	9	**FSCT 5F30 L**	30	**FMCT 5F30 L**	30
Thick lug chains	D					**FMCT 5D40 L**	40
						FMCT 5D60 L*(**)*	60
						FMCT 5D80 L*(**)*	80
Inclined lug chains	FL			**FSCT 5FL12 L**	12		
	FR			**FSCT 5FR12 L**	12		
Curved lug chains	E			**FSCT 5E55 L (*)**	55		

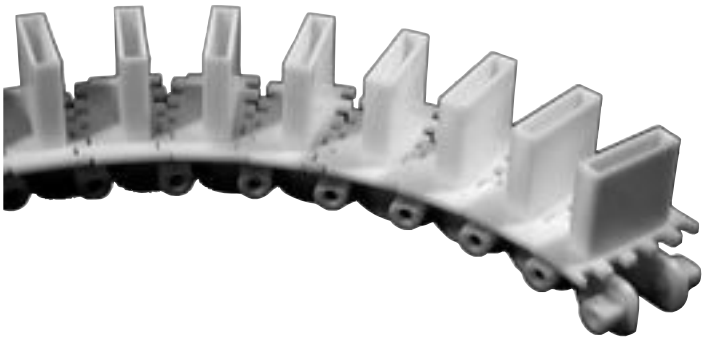
(*) L ≥ 50,8 mm
(**) L≥ 67 mm

/ NARROW LUG CHAINS

(width less than the width of the link) Horizontal or sloping transfer, without accumulation of small products
(lateral guiding positioned above the smooth part of the chain) References for lug link at pitch L (multiple of the chain pitch)



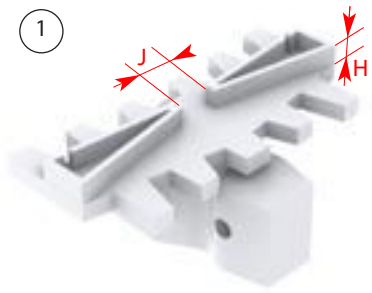
		FK		
Acetal chains	Pitch	25,4		
Chain width	W	44		
Lug width	La	30		
	Figure		H ↓	La
Thin lug chain	J	**FKCT 5J6 L**	6	30
		FKCT 5G30 L	30	26
Thick lug chain	K	**FKCT 5K3 L**	3	30
		FKCT 5K5.5 L	5,5	
		FKCT 5K9 L	9	
		FKCT 5K20 L	20	
		FKCT 5K27 L	27	

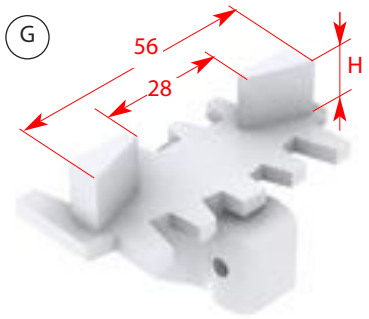


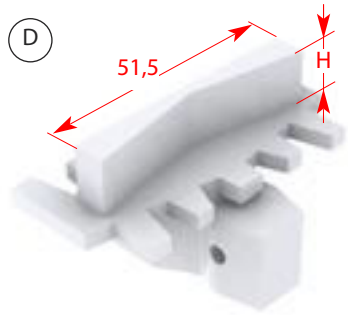
/ LUG CHAINS

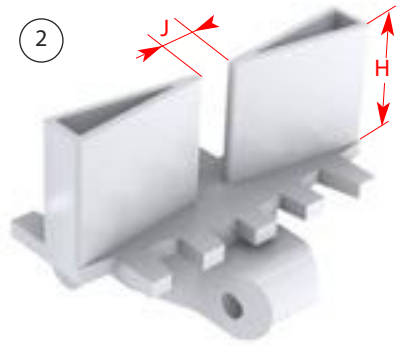
Horizontal or sloping transfer, without accumulation

References for lug link with a pitch L (multiple of the pitch of the chain)





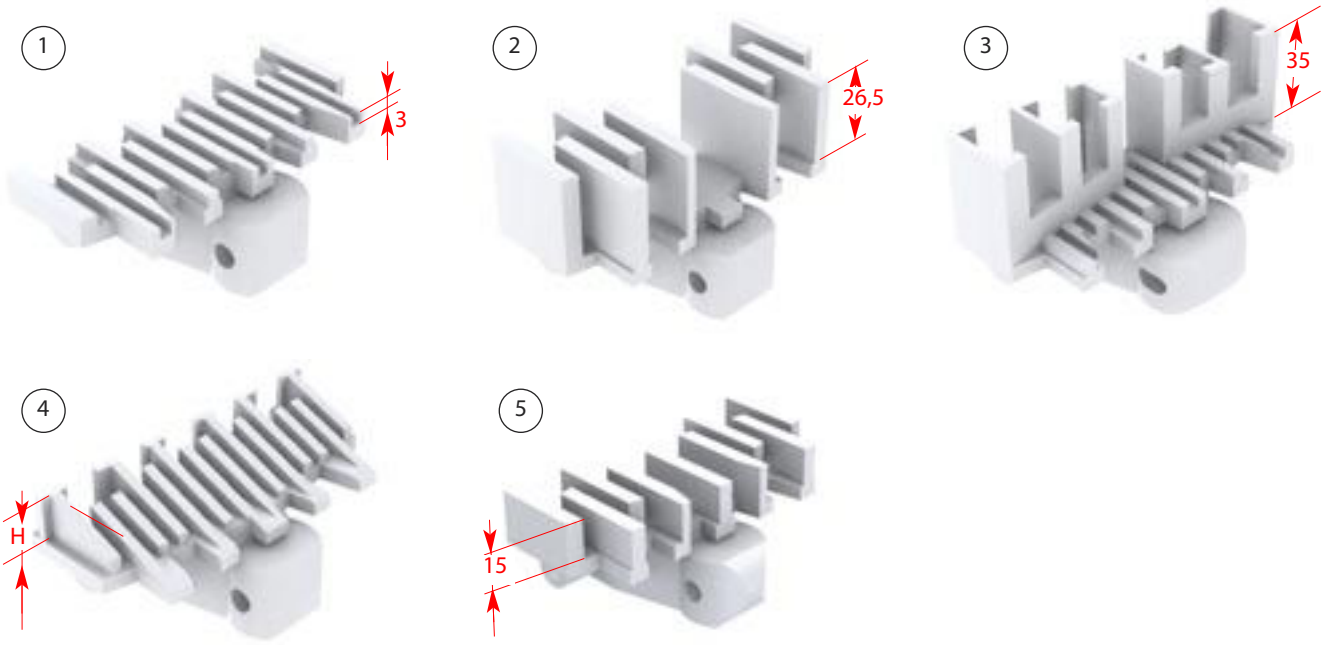




			FS - SS	FM - SM	FC - SC
Acetal chains	Pitch		25,4	33,5	35,5
	W		63	83	103
	Figure	H ↓	J = 8	J = 8	J = 15,5
Open lug chains	1	4	**FSCT 5A4 L**		
		5,5	**FSCT 5A5.5 L**		
	2	9	**FSCT 5A9 L**		
		12	**FSCT 5A12 L**		
		15	**FSCT 5A15 L**	**FMCT 5A15 L**	**FCCT 5A15 L**
		17	**FSCT 5A17 L**	**FMCT 5A17 L**	**FCCT 5A17 L**
		20			**FCCT 5A20 L**
		30	**FSCT 5A30 L**	**FMCT 5A30 L**	**FCCT 5A30 L**
		40	**FSCT 5A40 L**		**FCCT 5A40 L**
	G	12	**FSCT 5G12 L**		
Closed lug chains	D	12	**FSCT 5D12 L**		
		15	**FSCT 5D15 L**		
		30	**FSCT 5D30 L**		

/ RIB CHAINS

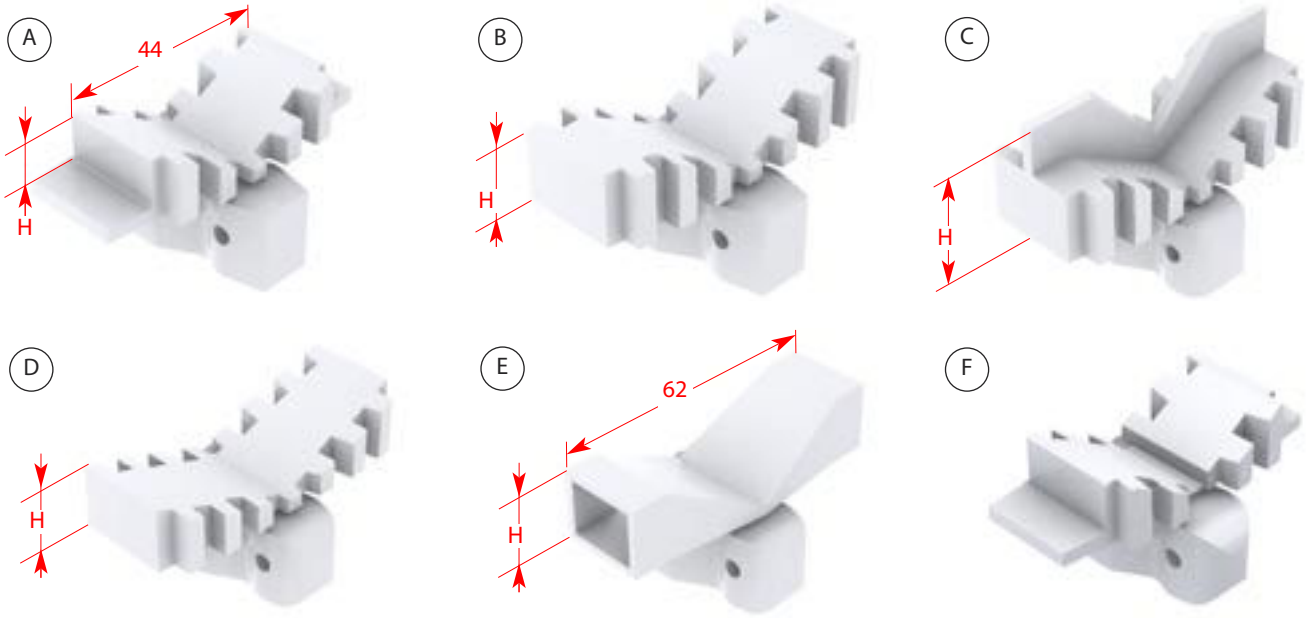
For wet conditions. Horizontal (improved sliding) or sloping transfer (Figure 4)
References for each identical chain link



		FS - SS	FM - SM	FC - SC
Acetal chains	Pitch	25,4	33,5	35,5
	W	63	83	103
	Figure			
Rib h=3	1		**FMRB 5A**	**FCRB 5A**
Rib h=26.5	2		**FMRB 5B**	
Rib + support h=35	3			**FCRB 5B**
Sloping reliefs	4	**FSRB 5C** (H=12)	**FMRB 5C** (H=15,4)	
Rib h=15	5		**FMRB 5D**	

/ V-SHAPED CHAINS

Horizontal or sloping transfer of cylindrical products References for each identical chain link



			FK	FS - SS	FM - SM	FC - SC
Acetal chains	Pitch		25,4	25,4	33,5	35,5
	W		44	63	83	103
V at...	Figure	H ↓				
120°	A	13		**FSCV 5A**		
	B	13	**FKCV 5B**			
120°		15		**FSCV 5B**		
140°		16			**FMCV 5B**	
145°		17				**FCCV 5B**
	C	17	**FKCV 5C**			
		25		**FSCV 5C**		
140°	D	14		**FSCV 5D**		
	E	15		**FSCV 5E**		
120° with a flat in the bottom of the "V"	F	13		**FSCV 5F**		

/ FLANGED CHAIN

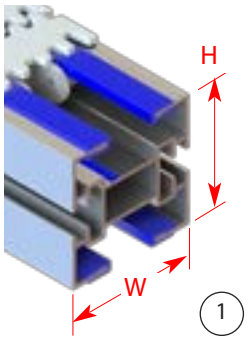
Chains with flange(s) or longitudinal grooves
References for each identical chain link

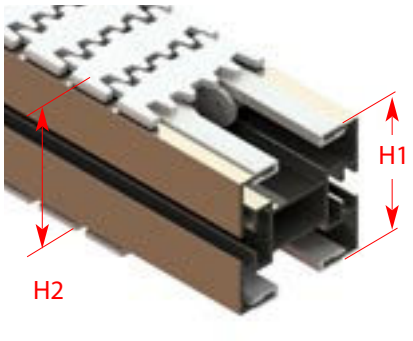
		FK		FS - SS
Acetal chains	Pitch	25,4		25,4
	W	44		63
	Figure	H=3	H=6	H=18
A flange on both sides	1	**FK2R 5 3**	**FK2R 5 6**	**FS2R 5 18**
A flange on the left side	2	**FKRG 5 3**	**FKRG 5 6**	
A flange on the right side	3	**FKRD 5 3**	**FKRD 5 6**	

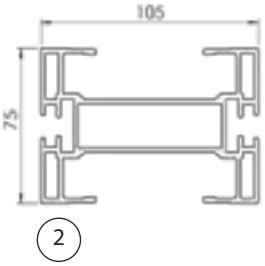
/ CHAIN WITH TRANSVERSE GROOVE

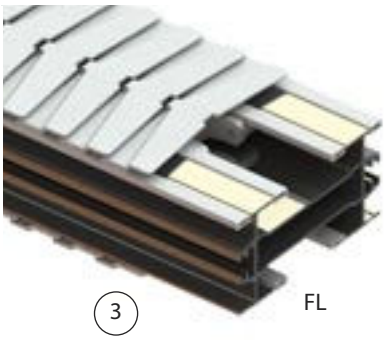
		FK
	Pitch	25,4
	W	44
Groove width 15 mm depth 0.7 mm		**FKTR 5**

/ CONVEYOR PROFILE SECTIONS,





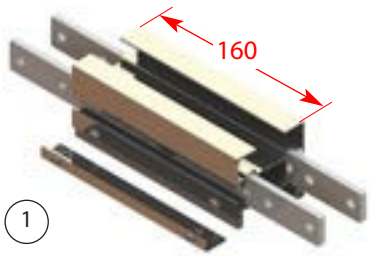




		FK	FS	FM	FC	FL
Width of the conveyor / W profile section	Fig.	45 / 45	65 / 65	85 / 85	105 / 105	155 / 150
Reference	1	**KPS**	**SPS**	**MPS**	**CPS**	
Strengthened variant	2				**FCCB 3R**	
	3					**FLCB**
Height H aluminium profile only		64	63	74	74,5	75
Heights H1 / H2 (standard chain)		66 / 73	66 / 74	76 / 86	76 / 87	77 / 93
Standard lengths		3 et 6 m				3 m

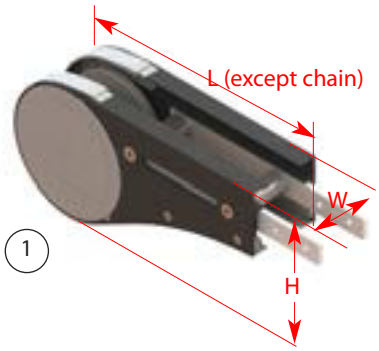
/ INTERVENTION MODULES

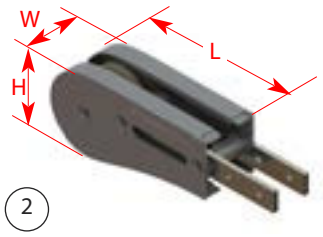
They facilitate accessibility for dismantling and reassembly of the chain.

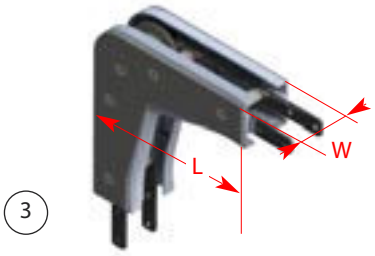


		FK	FS	FM	FC	FL
Conveyor width W		45	65	85	105	155
Single intervention module	1	**FKCC 160**	**FSCC 160**	**FMCC 160**	**FCCC 160**	**FLCC 160**
Double intervention module	2			**FMCC 160D**		

/ IDLER MODULES



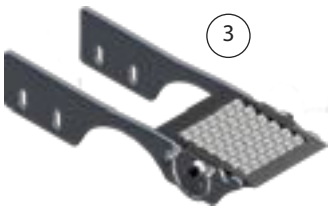




		FK	FS	FM	FC	FL
Standard models	Figure					
Standard end idler	1		**FSIE A65**	**FMIE A85**	**FCIE A105**	**FLIE A150**
Dimensions (H = including standard chain)			L = 320 ; H =158 ; W = 65	L = 320 ; H = 160 ; W = 85	L = 325 ; H = 170 ; W = 105	L = 325 ; H = 174 ; W = 155
Compact versions						
Compact end idler	2	**FKIE 200**	**FSIE 200**	**FMIE 260P**	**FCIE 280P**	
Dimensions (H = including standard chain)		L = 200 ; H = 101; W = 45	L = 200 ; H = 102 ; W = 65	L = 256 ; H = 132 ; W = 85	L = 275 ; H = 138 ; W = 105	
90° idler Reference			**FSIB 206**	**FMIB 300**	**FCIB 350**	
Dimensions	3		L = 200 ; W = 65	L = 300 ; W = 93	L = 350 ; W = 113	

/ TRANSFER KITS FOR END MODULES

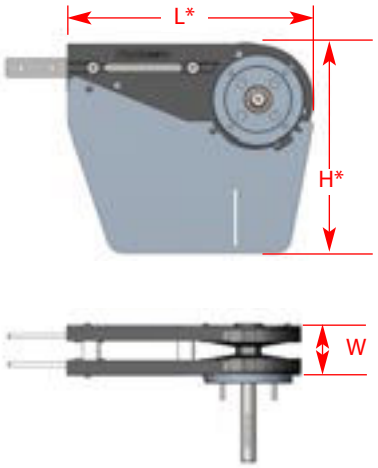
Rollers alone
(acetal Ø11): **FAFR 11**



		FK	FS	FM	FC	FL
For standard end modules (do not fit on compact versions)	Figure		(FSIE 65 FSDD 65... FSDD GP...)	(FMIE 85 FMDD 85... FMDD GP...)	(FCIE 105 FCDD 105... FCDD GP...)	(FLIE 325 FLDD... FLDD GP...)
Roller transfer kit (standard)		**FKTB A45F**	**FSTB A65F**	**FMTB A85F**	**FCTB A105F**	**FLTB A150F**
Plate transfer kit (standard)		**FKTB A45PF**	**FSTB A65PF**	**FMTB A85PF**	**FCTB A105PF**	**FLTB A150PF**
For new standard end modules (do not fit on compact versions)			(FSIE A65) (FSDD A65...)	(FMIE A85)	(FCIE A105)	(FLIE A150)
Removable roller transfer kit	3		**FSTB A65**	**FMTB A85**	**FCTB A105**	**FLTB A150**
Removable plate transfer kit	4		**FSTB A65P**	**FMTB A85P**	**FCTB A105P**	**FLTB A150P**
For end modules with transmission		(FKSD...)	(FSSD...)	(FMSD...)	(FCSD...)	(FLSD...)
Roller transfer kit	1	**FKTB 45SD**	**FSTB 65SD**	**FMTB 85SD**	**FCTB 105SD**	**FLTB 150SD**
Plate transfer kit	2	**FKTB 45PSD**	**FSTB 65PSD**	**FMTB 85PSD**	**FCTB 105PSD**	**FLTB 150PSD**
For compact idler modules	->	(FKIE-45)	(FSIE-200)	(FMIE-260P)	(FCIE-280P)	
Roller transfer kit	1	**FKTB 200**	**FSTB 200**	**FMTB 260**	**FCTB 280**	
Plate transfer kit	2	**FKTB 200P**	**FSTB 200P**	**FMTB 260P**	**FCTB 280P**	

/ DRIVE MODULES

for all of these modules, the motors have to be ordered separately.
Multi-track modules to order.



Standard models (intended for SEW WAF20® or WAF30® gear motors, shaft Ø20, flange Ø120)

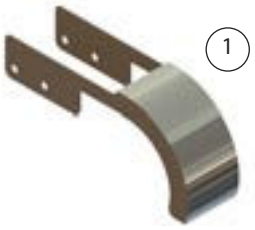
		FK	FS	FM	FC	FL
	Figure					
Gear motor on the left	G	**FKDD A45 0L**	**FSDD A65 0L**	**FMDD A85 0L**	**FCDD A105 0L**	**FLDD A150 0L**
Gear motor on the right	D	**FKDD A45 0R**	**FSDD A65 0R**	**FMDD A85 0R**	**FCDD A105 0R**	**FLDD A150 0R**
Dimensions (*) excluding chain		L = 320 ; H = 250 W = 57	L = 320 ; H = 265 W = 65	L = 320 ; H = 265 W = 85	L = 325 ; H = 265 W = 105	L = 325 ; H = 285 W = 155
Gear (Z=Nbr of teeth)		Z16 Øp 130,2	Z16 Øp 130,2	Z12 Øp 129,4	Z12 Øp 137,2	Z12 Øp 137,2
Maximum tensile force		500 N		1250 N		

Compact models (intended for SEW WAF10® gear motors, shaft Ø16, flange Ø80)

		FK	FS	FM	FC	FL
	Figure					
Gear motor on the left	G	**FKDD 250 0L**	**FSDD 250 0L**			
Gear motor on the right	D	**FKDD 250 0R**	**FSDD 250 0R**			
Dimensions (H = including standard chain)		L = 250 ; H = 160 W = 51	L = 250 ; H = 162 W = 65			
Gear (Z=Nbr of teeth)		Z11 Øp 90	Z11 Øp 90			
Maximum tensile force		500 N				

Protection plate for chain winding

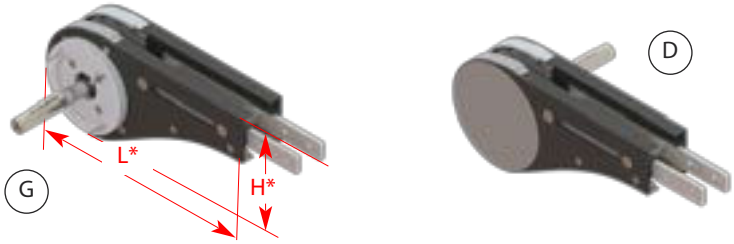
			FS	FM	FC	
	Fig.					
Guard plate	1		**FSDD-PCB**	**FMDD-PCB**	**FCDD-PCB**	
For idler modules	2		(FSIE A65)	(FMIE A85)	(FCIE A105)	
For direct drive modules	3		(FSDD A65)	(FMDD A85)	(FCDD A105)	



/ DRIVE MODULES

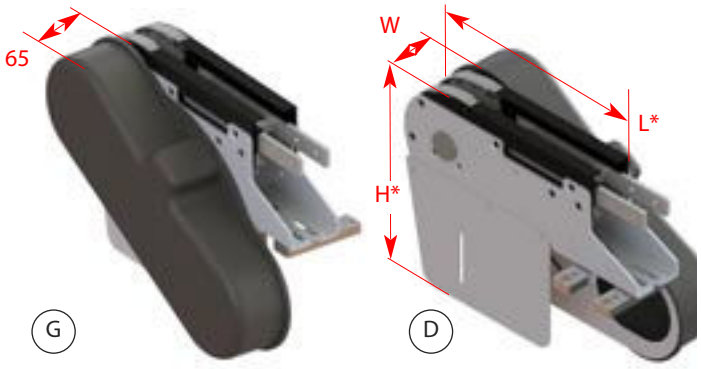
for all these modules, the motors have to be ordered separately.
Multi-track modules to order.

Variants without slack strand for wedge conveyors
Standard models (intended for SEW WAF20® or WAF30® gear motors, shaft Ø20, flange Ø120)



		FK	FS	FM	FC	FL
	Figure					
Gear motor on the left	G	**FKDD A45GP 0L**	**FSDD A65GP 0L**	**FMDD A85GP 0L**	**FCDD A105GP 0L**	**FLDD A150GP 0L**
Gear motor on the right	D	**FKDD A45GP 0R**	**FSDD A65GP 0R**	**FMDD A85GP 0R**	**FCDD A105GP 0R**	**FLDD A150GP 0R**
Dimensions (H = including standard chain)		L = 320 ; H = 160 ; W = 57	L = 320 ; H = 162 ; W = 65	L = 320 ; H = 162 ; W = 85	L = 325 ; H = 171 ; W = 105	L = 325 ; H = 176 ; W = 155
Gear (Z=Nbr of teeth)		Z16 Øp 130,2		Z12 Øp 129,4	Z12 Øp 137,2	
Maximum tensile force		500 N		1250 N		

Drive modules with transmission and adjustable torque limiter
Standard support plate intended for SEW W30®, S37® gear motors in the horizontal position.
Transmission by 08B roller chain (pitch =12.7 mm, 3m included by module) gears: 19 teeth; Ø prim = 77.16 mm.



		FK	FS	FM	FC	FL
	Figure					
Gear motor on the left	G	**FKSD A45 0L**	**FSSD A65 0L**	**FMSD A85 0L**	**FCSD A105 0L**	**FLSD A150 0L**
Gear motor on the right	D	**FKSD A45 0R**	**FSSD A65 0R**	**FMSD A85 0R**	**FCSD A105 0R**	**FLSD A150 0R**
Dimensions (*) excluding chain		L = 320 ; H = 278 ; W = 57	L = 320 ; H = 265 ; W = 77	L = 320 ; H = 265 ; W = 97	L = 320 ; H = 265 ; W = 117	L = 325 ; H = 285 ; W = 166
Gear (Z=Nbr of teeth)		Z16 Øp 130,2		Z12 Øp 129,4	Z12 Øp 137,2	
Maximum tensile force		500 N		1250 N		

/ INTERMEDIATE DRIVE MODULES

for all these modules, the motors have to be ordered separately.
Multi-track modules to order.

Direct intermediate drive modules without torque limiter (*)
(intended for SEW WAF20® or WAF30® geared motors, shaft Ø20, flange Ø120)
(drive pinion on the lower strand of the chain, tensile force max 200 N)

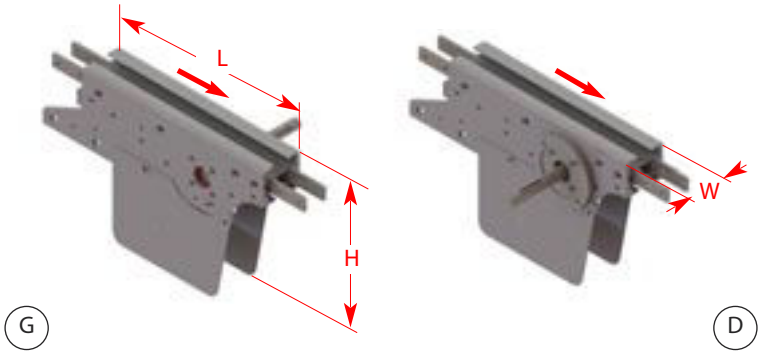


	Figure	FK	FS	FM	FC
Gear motor on the left	G	**FKID DD 0L**	**FSID DD 0L***(*)*	**FMID DD 0L** *(*)*	**FCID DD 0L**
Gear motor on the right	D	**FKID DD 0R**	**FSID DD 0R***(*)*	**FMID DD 0R***(*)*	**FCID DD 0R**
Dimensions		L = 380 ; H = 280 ; W = 57	L = 380 ; H = 280 ; W = 77	L = 465 ; H = 300 ; W = 97	L = 465 ; H = 300 ; W = 117
Gear (Z=Nbr of teeth)		Z11 Øp 90		Z9 Øp 98	Z9 Øp 104

(*) Not compatible with closed chains (R500 and R700), items 4 and 5 of page 14

Intermediate drive modules with transmission and adjustable torque limiter (*)
Standard support plate intended for SEW W30®, S37® gear motors in the horizontal position, max. tensile force 200 N
Transmission by 08B roller chain (pitch =12.7 mm, 3m included per module) gears: 19 teeth; Ø prim = 77.16 mm.

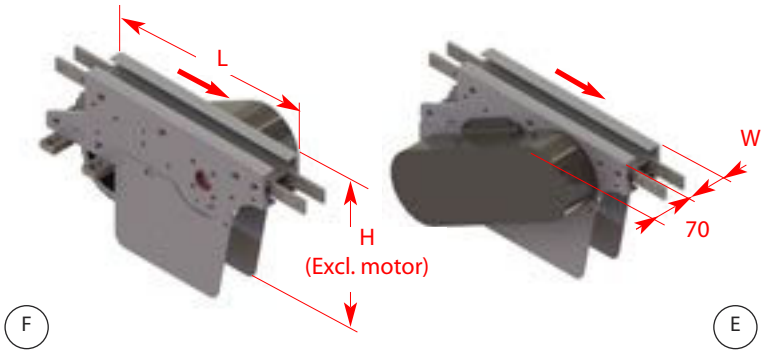


	Figure	FK	FS	FM	FC
Gear motor on the left	F	**FKID SD 0L**	**FSID SD 0L** *(*)*	**FMID SD 0L** *(*)*	**FCID SD 0L**
Gear motor on the right	E	**FKID SD 0R**	**FSID SD 0R** *(*)*	**FMID SD 0R** *(*)*	**FCID SD 0R**
Dimensions		L = 380 ; H = 280 ; W = 57	L = 380 ; H = 280 ; W = 77	L = 465 ; H = 300 ; W = 97	L = 465 ; H = 300 ; W = 117
Gear (Z=Nbr of teeth)		Z11 Øp 90		Z9 Øp 98	Z9 Øp 104

(*) Not compatible with closed chains (R500 and R700), items 4 and 5 of page 14

/ CATENARY DRIVE MODULES

for all these modules, the motors have to be ordered separately.
Multi-track modules to order.

Drive modules with direct catenary, without torque limiter
(intended for SEW WAF20® or WAF30® geared motors, shaft Ø20, flange Ø120)
(drive gear under the upper strand of the chain, the conveyor has no return strand)

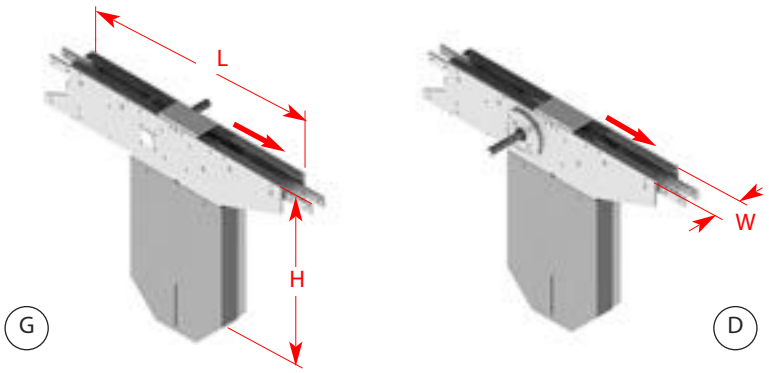


	Figure	FK	FS	FM	FC
Gear motor on the left	G	**FKCD DD 0L**	**FSCD DD 0L**	**FMCD DD 0L**	**FCCD DD 0L**
Gear motor on the right	D	**FKCD DD 0R**	**FSCD DD 0R**	**FMCD DD 0R**	**FCCD DD 0R**
Dimensions		L = 670 ; H = 560 ; W = 57	L = 670 ; H = 560 ; W = 77	L = 675 ; H = 567 ; W = 97	L = 685 ; H = 560 ; W = 117
Gear (Z=Nbr of teeth)		Z16 Øp 133,8		Z12 Øp 129,4	Z12 Øp 137,2
Maximum tensile force		500 N		1250 N	

Catenary drive modules with transmission and adjustable torque limiter
Standard support plate intended for SEW W30®, S37® gear motors in the horizontal position.
(drive gear under the upper strand of the chain, the conveyor has no return strand)
Transmission by 08B roller chain (pitch =12.7 mm, 3m included per module) gears: 19 teeth; Ø prim = 77.16 mm.

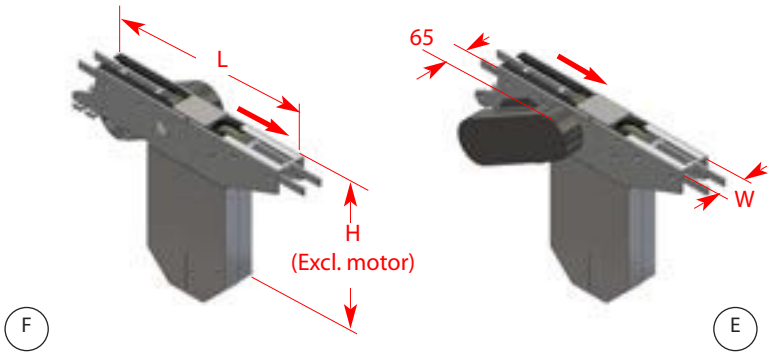
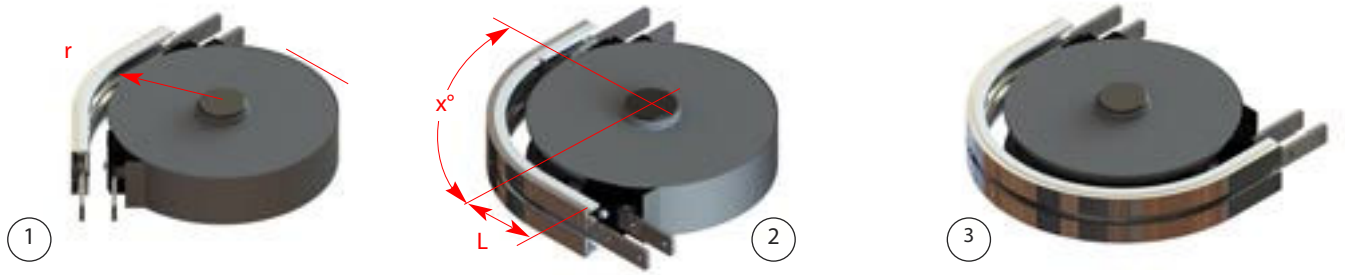


	Figure	FS	FM	FC
Gear motor on the left	F	**FSCD SD 0L**	**FMCD SD 0L**	**FCCD SD 0L**
Gear motor on the right	E	**FSCD SD 0R**	**FMCD SD 0R**	**FCCD SD 0R**
Dimensions		L = 670 ; H = 560 ; W = 77	L = 675 ; H = 567 ; W = 97	L = 685 ; H = 560 ; W = 117
Gear (Z=Nbr of teeth)		Z16 Øp 133,8	Z12 Øp 129,4	Z12 Øp 137,2
Maximum tensile force		500 N	1250 N	

/ CURVES WITH WHEELS

Curve modules with wheels
These modules allow friction-free chain guiding. The wheels are made from fibre glass reinforced nylon and are held by double sealed ball bearings ensuring durability and minimum friction.
Linking fish plates included in each module.

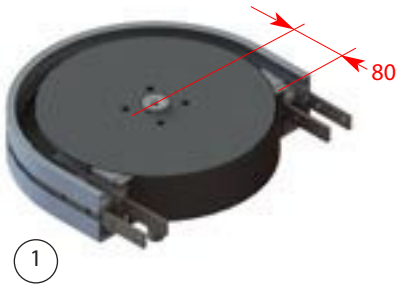


		FK	FS	FM	FC	FL
Angle x°	Figure	FKWB...	FSWB...	FMWB...	FCWB...	FLWB...
30°		FKWB 30R150A	FSWB 30R150A	FMWB 30R160A	FCWB 30R170A	FLWB 30R210A
45°	1	FKWB 45R150A	FSWB 45R150A	FMWB 45R160A	FCWB 45R170A	FLWB 45R210A
60°		FKWB 60R150A	FSWB 60R150A	FMWB 60R160A	FCWB 60R170A	FLWB 60R210A
90°	2	FKWB 90R150A	FSWB 90R150A	FMWB 90R160A	FCWB 90R170A	FLWB 90R210A
180°	3	FKWB 180R150A	FSWB 180R150A	FMWB 180R160A	FCWB 180R170A	FLWB 180R210A
Other angles (x°) to order		FKWB xR150A	FSWB xR 150 A	FMWB xR160A	FCWB xR170A	FLWB xR 210 A
Mean radius r		150	150	160	170	210
Lengths of the straight portions L		80				300

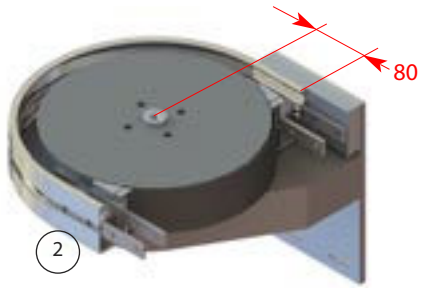
FKWB: It is not possible to fit these curves directly on drive modules FKDD and FKSD or idler FKIE. A straight module must be fitted between them.

/ CURVED DRIVE MODULES

Curved drive modules, with sprocket, 180°:
These modules enable the motorization of "carousel" conveyors. An intervention module F...CC-160 is required.
The gear motor is positioned horizontally under the module, by direct fitting or with transmission.
The position of the motor, direction of rotation (clockwise / anticlockwise to be specified on the order); gear motor and connection flange to be ordered separately. Allowable forces 200 N.
Linking fish plates included in each module (references of the fishplates the same as those of the curves with wheels above).



Direct curved drive modules, without torque limiter
(intended for SEW WAF20® or WAF30® geared motors, shaft Ø20, flange Ø120)



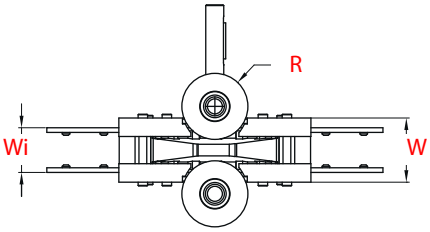
Curved drive modules with transmission and torque limiter
Standard support plate intended for SEW W30®, S37® gear motors in the horizontal position

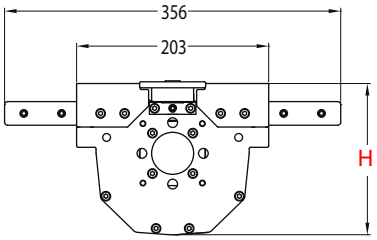
		FK	FS	FM	FC	FL
	Figure 1	FKWD DD 0M	FSWD DD 0M	FMWD DD 0M	FCWD DD 0M	
	Figure 2	FKWD SD 0M	FSWD SD 0M	FMWD SD 0M	FCWD SD 0M	FLWD SD 0M
Primitive radius / sprocket (Z= number of teeth)		150 mm / Z37	150 mm / Z37	160 mm / Z30	170 mm / Z30	210 mm / Z37

/ UPPER DRIVE MODULES

for "carousel" conveyors, only with the upper chain strand

Max load on the conveyor: 32 kg
Max speed 60m/min
Max conveyor length: 9m
Only the upper chain strand is installed
Patented system



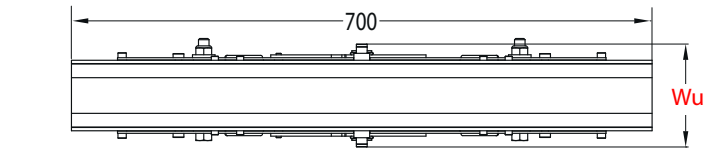


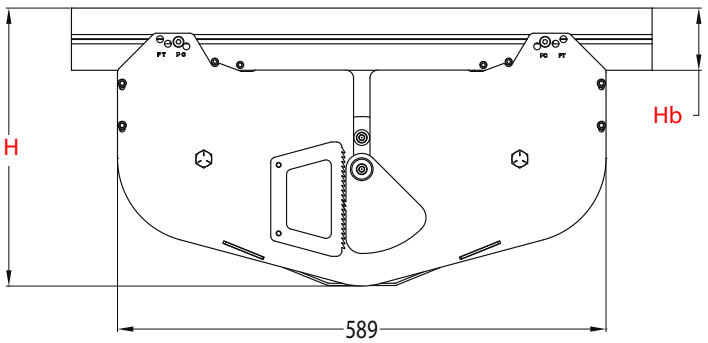
		FS	FM	FC	FL
Reference		FSTRD 203	FMTRD 203	FCTRD 203	FLTRD 203
Dimensions	W	68	88	108	150
	Wi	47	65	96	131
	R	35	37	41	41
	H	160	166	166	166

/ CHAIN TENSION MODULES

For conveyors with drive modules without slack strand

Reduce noise
Recommended for conveyors with a length >12 m and a slope ≤ 30°
Not compatible with wedge conveyors and specific chains

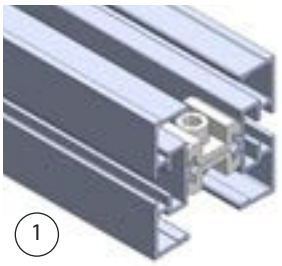




		FS	FM	FC	FL
Reference		FSWTU 700	FMWTU 700	FCWTU 700	FLWTU 700
Dimensions	Wu	104	124	144	191
	Hb	64	74	75	74
	H	321	335	335	334

/ HORIZONTAL CURVES ON SLIP RAILS:

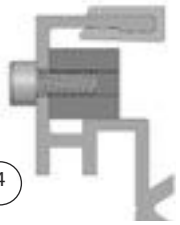
These modules are made by bending 2 aluminium half-profile sections with spacers (figure1). They allow reduced volume thanks to the absence of rotating plates, but create additional friction. We recommend a verification of the tensile forces applied to the chain (our Design Office is at your disposal).
Tolerance +/- 1 mm for the radius and +/- 1° for the angle. All angles and radii can be produced to order (see example of concentric curves below). Linking fish plates included in each module. In the event of significant forces or high speed, a bendable wear profile section in PA6 can be mounted on the inside using M5x10 screws (Figure 4).


1

Examples: FCHB 30 R 500 (figure 2) and FCHB 90 R 500 (figure 3)

2

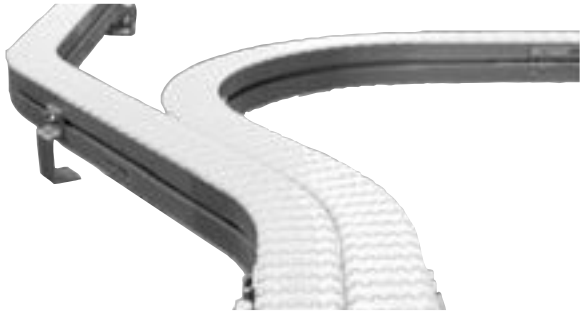
3


4

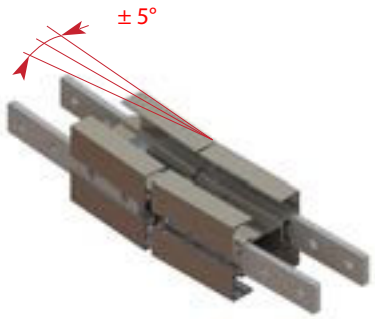
	FK	FS	FM	FC	FL
Standard angles **x°**, other on request	**15°, 30°, 45°, 60°, 90°, 180°**				
Radius **y** mm	150 (mini) - 300 - **500**		250 (mini) - **500** - 700	300 (mini)-**500**-700-1000	**500** (mini) - 700 - 1000
References of the modules (angle **x°** Radius **y** mm)	**FKHB x R y**	**FSHB x R y**	**FMHB x R y**	**FCHB x R y**	**FLHB x R y**
Example of a reference (Angle **90°** Radius **500** mm)	**FKHB 90 R 500**	**FSHB 90 R 500**	**FMHB 90 R 500**	**FCHB 90 R 500**	**FLHB 90 R 500**
Standard lengths of the straight portions L	200				
Linking fish plates included in each module.	**FACS 20x140**	**FACS 25x140A**			

FKHB only: It is not possible to fit these curves directly on drive modules FKDD and FKSD or idler FKIE. A straight module must be fitted between them.

E.g.: Concentric curves



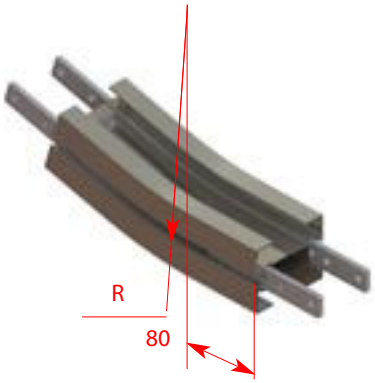
/ ARTICULATED HORIZONTAL CURVES ON SLIP RAILS:



	FK	FS	FM	FC	FL
References of the modules		**FSHAB 5**	**FMHAB 5**	**FCHAB 5**	
Linking fish plates included in each module.	**FACS 20x140**	**FACS 25x140A**			

/ VERTICAL CURVES ON SLIP RAILS:

Vertical curves enable a change in slope of the conveyors. Like all curves on slip rails, they cause additional friction. Standard aluminium curves, kept in stock. These modules are made by bending aluminium beam section on which is fitted the slip profile in continuity of the upstream and downstream modules.

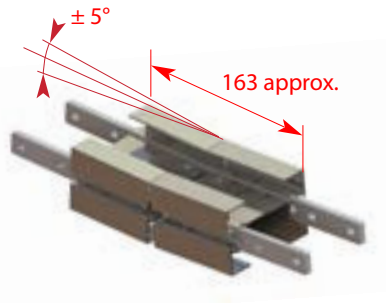


	FK	FS	FM	FC	FL
Standard angles **x°,** other on request	5°, 7°, 10°, 15°, 30°, 45°, 90°				
Radius R (mm)	300	300	400	400	500
References of the modules (angle **x**°)	FKVB ... x R 300	FSVB ... x R 300	FMVB ... x R 400	FCVB ... x R 400	FLVB ... x R 500
Example of a reference (angle **7**°)	FKVB 7 R 300	FSVB 7 R 300	FMVB 7 R 400	FCVB 7 R 400	FLVB 7 R 500
Standard lengths of the straight portions L	80				
Linking fish plates included in each module.	FACS 20x140	FACS 25x140A			

For angles < 2°, a simple bias cut can be made on straight beams, with fish plating by **FACS-20X140**

/ ARTICULATED VERTICAL CURVES ON SLIP RAILS:

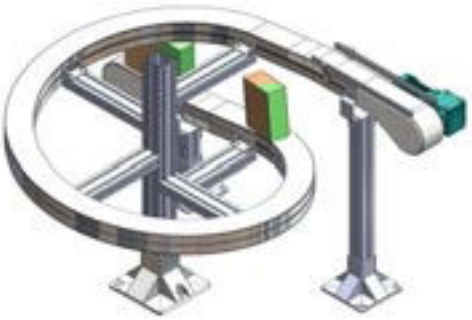
This module allows you to adjust the slope of a straight section, for example, to adapt it to the height of the vials.
Angles and straight parts made to order.

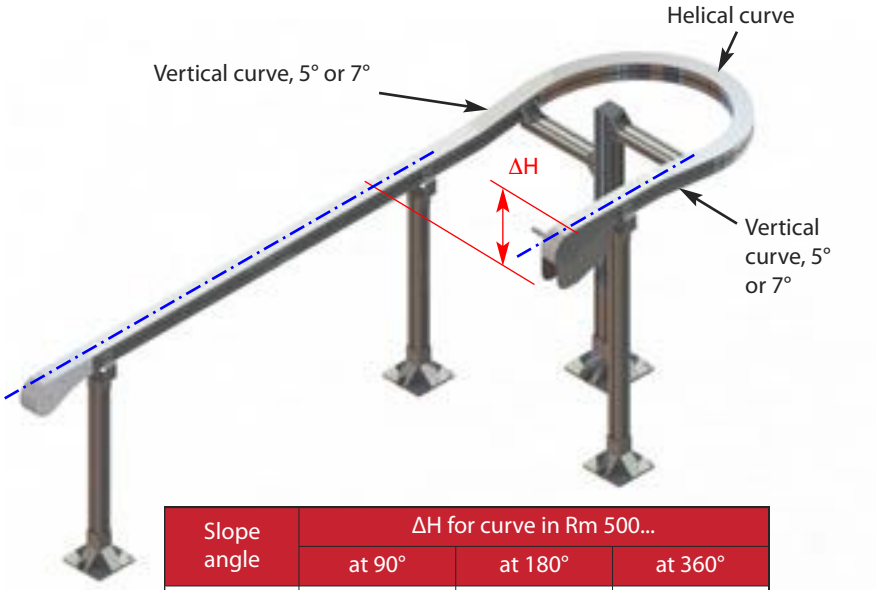


	FK	FS	FM	FC	FL
References of the Modules	FKVAB 5	FSVAB 5	FMVAB 5	FCVAB 5	
Linking fish plates included in each module.	FACS 20x140	FACS 25x140A			

/ FS, FM AND FC CONVEYOR RANGES
HELICAL CURVES OR TWISTED MODULES ON SLIP RAILS

Helical curves allow space saving along with a change of direction and level. They are produced by bending, usually at a radius 500 mm. The usual angle is 90°, 180°, or even 360°. At the beginning and end of a helical curve, a vertical curve enables connection to horizontal parts. It is also possible to prepare for the beginning and/or the end of a sloping conveyor. Our Design Office is at your disposal to validate your requirement.

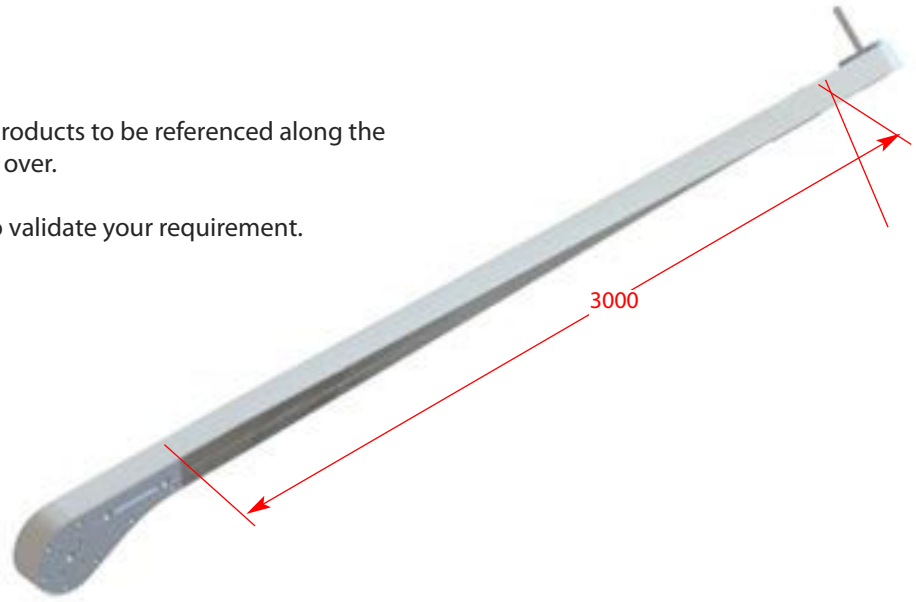




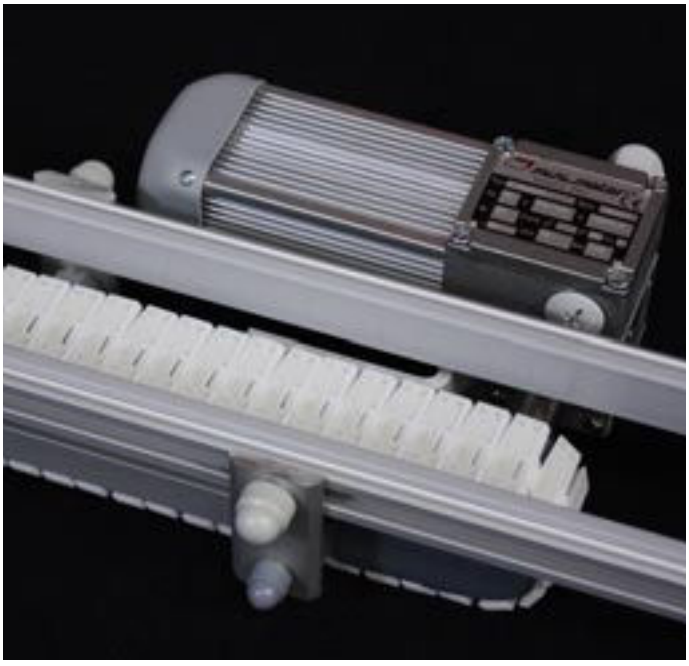
Slope angle	ΔH for curve in Rm 500...		
	at 90°	at 180°	at 360°
5°	**100**	**169**	**306**
7°	**142**	**237**	**429**

The twisted straight modules enable products to be referenced along the lateral guide, or products to be turned over.

Our Design Office is at your disposal to validate your requirement.



/ F45 CONVEYOR RANGE



/ F45 CONVEYOR RANGE

Acetal chains width 43, pitch 12.7 mm

F45PC 3

Natural acetal flat chain

F45FT 3

Chain with translucent insert covering the whole slat

F45FC 3

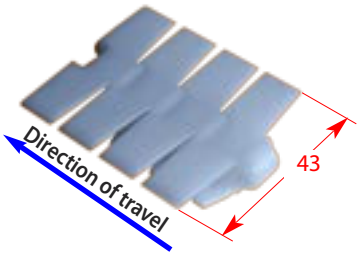
Flocked chain

F45WT 3C

Slat chain for wedge conveyors

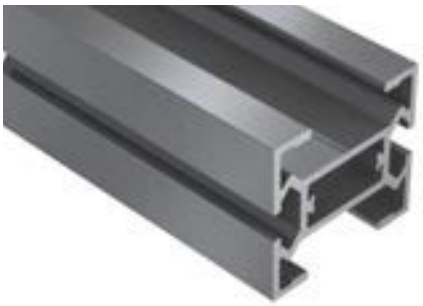
F45CV 3E

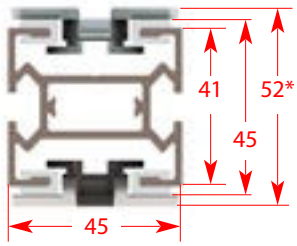
V-Form, 140°



Elastic Limit 200 N
Max speed 20m/min Packaging: Roll of 3 m
Applications: light products
Maximum conveyor length: 6 m

F45CB Beam Packaging: 3 m bar; (recuts to order)
Slip profile: **F45SR 25H** (PEHD+PA6 grey)





* With F45 PC3 chain

Fish plates

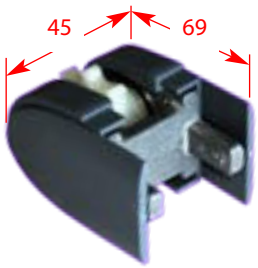
	Figure	
lateral	1	**FACS 11x100**
central	2	**FACS 50**

1

2

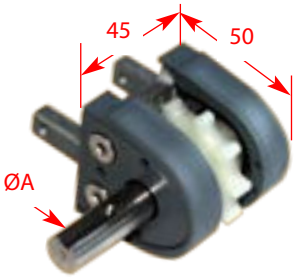
/ F45 CONVEYOR RANGE

Idler module F45IE 50
10-tooth sprocket



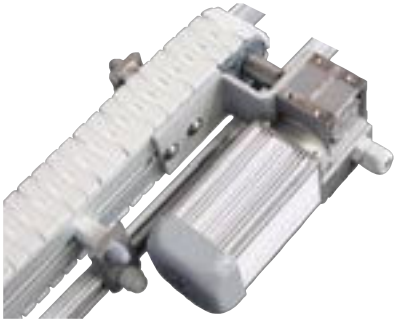
Drive modules

(usable with the shaft protruding on the right or the left)
10-tooth gear
Motors to order, max. speed 20m/min



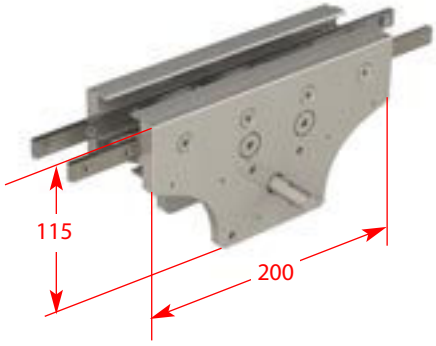
ØA	Reference
9	F45DD 9
12	F45DD 12

Standard fitting



Fitting
with brushless motor

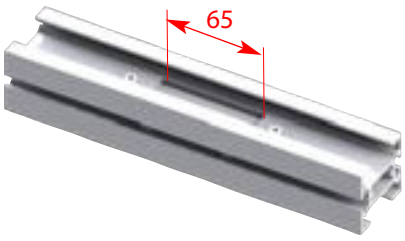
Intermediate drive module F45ID



Intervention module:

F45 CC 65

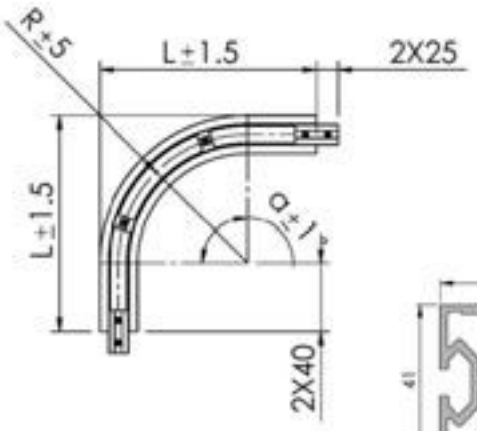
F45 CC 65-2

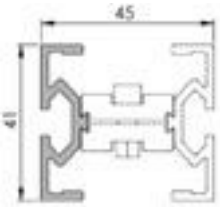


F45 CC 65-3

/ F45 CONVEYOR RANGE

F45HB horizontal curves on slip rails
Mean radius 150 or 300 mm, Straight portions of 40 mm, fish plates included





angle α	R = 150 mm	R = 300 mm
30°	**F45HB 30R150**	**F45HB 30R300**
45°	**F45HB 45R150**	**F45HB 45R300**
90°	**F45HB 90R150**	**F45HB 90R300**
180°	**F45HB 180R150**	**F45HB 180R300**

Other radii on request

F45VB vertical curves on slip rails
Mean radius 400 mm, straight portions of 40 mm, fish plates included

angle α	R =300 mm	R = 400 mm
5°	**F45VB 5R300**	**F45VB 5R400**
7°	**F45VB 7R300**	**F45VB 7R400**
15°	**F45VB 15R300**	**F45VB 15R400**
90°	**F45VB 90R300**	**F45VB 90R400**

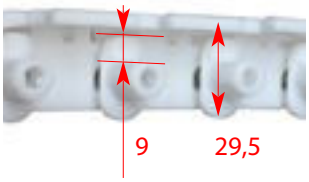
Other radii on request

/ CM acetal CHAINS width 83, 33.5 mm pitch

Elastic limit (except with plastic pins) 1250 N **; not compatible with ranges FM and SM**

CMPC Flat chains :

CMPC 5	Natural acetal flat chain
CMPC 5P	Idem with plastic pins: elastic limit 250N
CMPC 5WR	Wear-resistant chain



CMFT chains with grip insert on each link :

CMFT 5F

Chain with translucent insert covering the whole slat

CMFT 5

CMFT 5C

Flat acetal chain + anti-slip insert on each link

CMFC 5

Flocked chain

CMST 5

Flat acetal chain, steel plated

CMUC 5

Universal chain

CMPC 5R700

Flat chain, radius ≥ 700 mm

CMPC 5 R500

Flat chain, radius ≥ 500 mm

CMWT chains for wedge conveyors:

CMWT 5DC

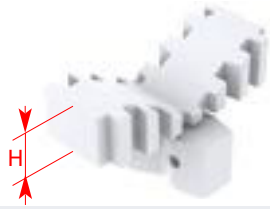
Flexible slat insert

CMWT 5C

Chain with tubular insert

CMWT 5A

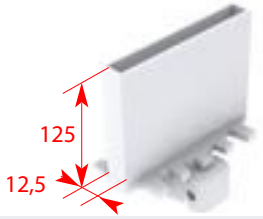
"Brush" insert for light loads (<1kg)



CMCV 5B

V-chain

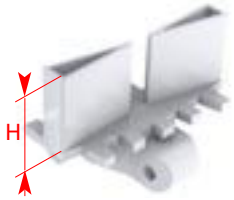
CMCT chains with cleats (at ...L pitch) :



CMCT 5 D125L

Thick lug chain

	H =
CMCT 5F15L	15
CMCT 5F120L	20
CMCT 5F30L	30



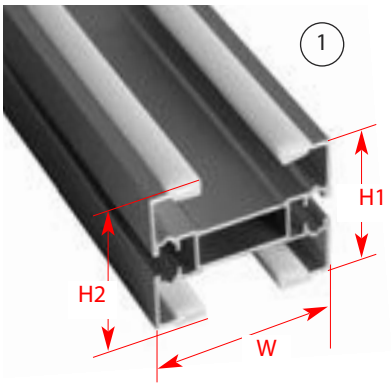
	H =
CMCT 5A9 L	9
CMCT 5A12 L	12
CMCT 5A15 L	15
CMCT 5A17 L	17
CMCT 5A30 L	30

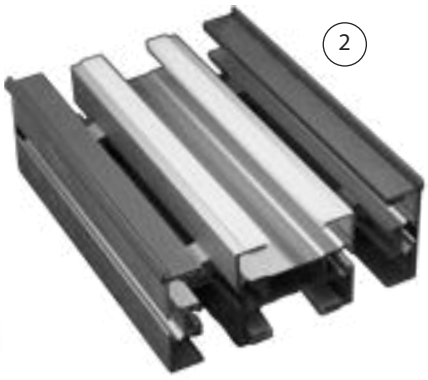
CMRB 5C

Sloping reliefs

/CM, FB175, FB295 STRAIGHT MODULES

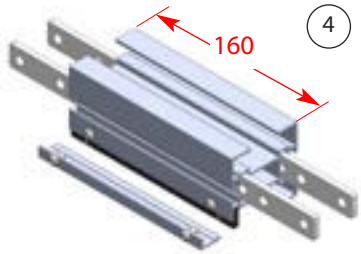
Note: not compatible with the FM and SM ranges





	CM	FB 175	FB 295
Width of the conveyor / W profile section	85	182	300
Reference	**CMCB 3**	**FB175 CB3**	**FB295 CB3**
	Fig. 1	Fig. 2	Fig. 3
Height H1 aluminium profile only	74		
H2	79		
Standard lengths	3 meters, smaller lengths cut to size on request		
Intervention module	**CMCC-160**	**FB175 CC300**	**FB295 CC300**
	Fig. 4		

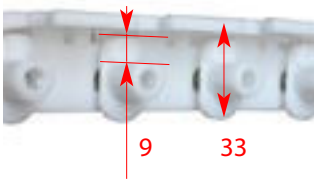
/ INTERVENTION MODULES CM, FB175, FB295



/ FB CHAINS

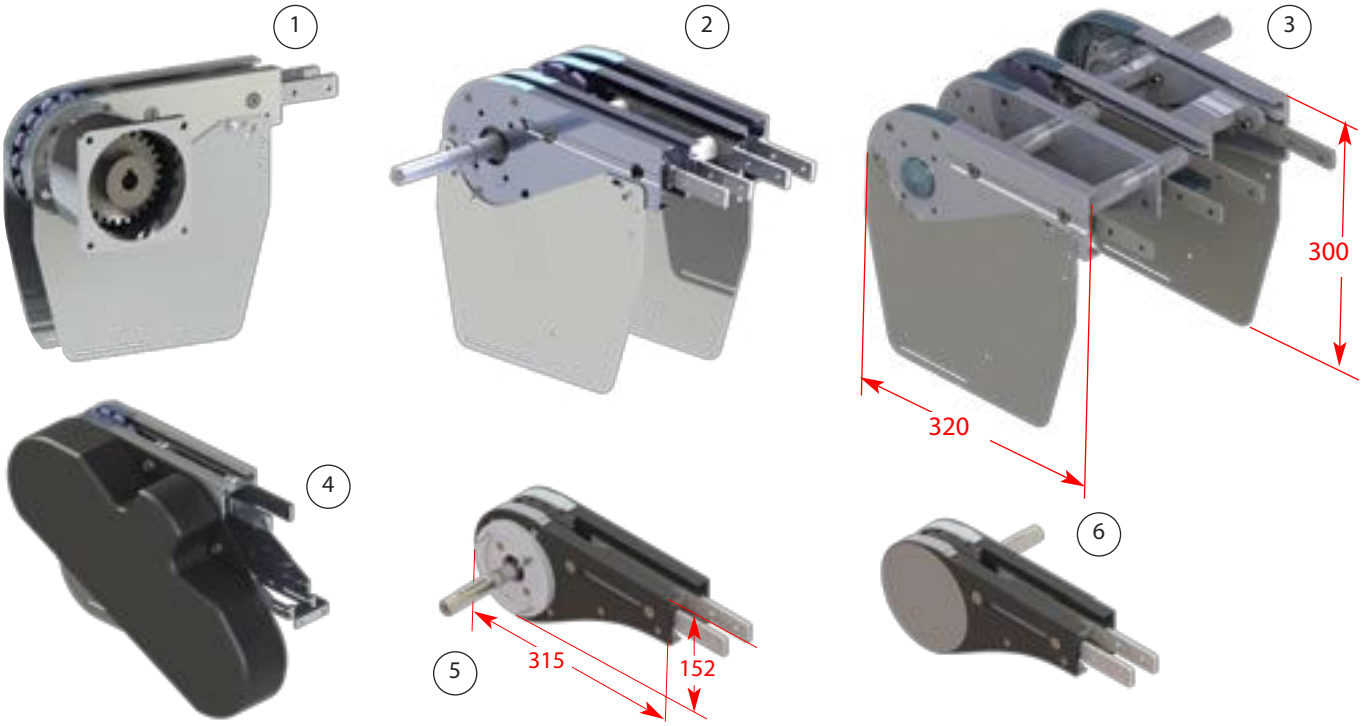
Pitch of 33,5 mm, elastic limit 1250N

	FB 175	FB 295
Chain width	175	295
Natural acetal flat chain	**FB175 PC 3A**	**FB295 PC 3A**
Idem mit anti-slip insert on each link	**FB175 FT 3A**	**FB295 FT 3A**
Antistatic chain	**FB175 CD 3A**	



/ DRIVE MODULES CM, FB175, FB295

Note: not compatible with the FM and SM ranges



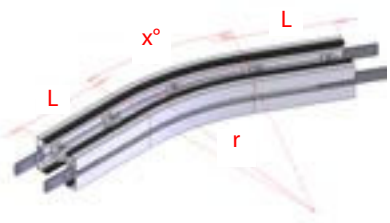
		CM	FB 175	FB 295
Direct drive modules with torque limiter:				
geared motor on the left	Fig. 1	CMDD TL 0L		
geared motor on the right		CMDD TL 0R		
Direct drive modules without torque limiter:				
geared motor on the left	Fig. 2		FB175 DD 0L	FB295 DD 0L
geared motor on the right	Fig. 3		FB175 DD 0R	FB295 DD 0R
Drive modules with transmission and torque limiter:				
geared motor on the left	Fig. 4	CMSD 0L		
geared motor on the right		CMSD 0R		
Drive modules without torque limiter for wedge conveyor :				
geared motor on the left	Fig. 5	CMDD GP 0L		
geared motor on the right	Fig. 6	CMDD GP 0R		

/ IDLER MODULES CM, FB175, FB295

/ CURVES ON SLIP RAILS:

Note: not compatible with the FM and SM ranges

1



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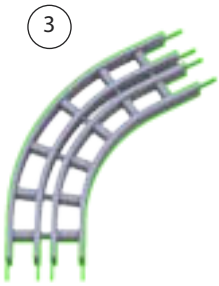


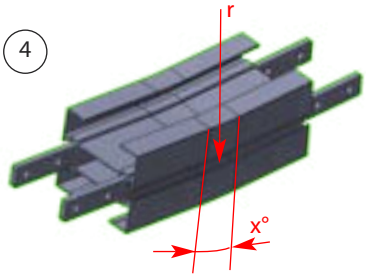
	CM	FB175 VB	FB295 VB
Angle **x°**	**30°, 45°, 60°, 90°**		
Radius **y** mm	300-500-700-1000 1	500-700-1000 2	700-1000 3
References of the modules (angle **x°** Radius **y** mm)	**CMHB x R y**	**FB 175 HB x R y**	**FB 295 HB x R y**
Example of a reference (Angle **90°** Radius **700** mm)	**CMHB 90 R 700**	**FB 175 HB 90 R 700**	**FB 295 HB 90 R 700**
Standard lengths of the straight portions L	200		
Linking fish plates included in each module.	**FACS 20x160**		

/ CURVES WITH WHEELS: CM

	CMWB
Mean radius r	160
Angle x°	
30°	**CMWB 30R160A**
45°	**CMWB 45R160A**
90°	**CMWB 90R160A**
180°	**CMWB 180R160A**
(x°) on request	**CMWB xR160A**
L	80

/ VERTICAL CURVES ON SLIP RAILS CM, FB175, FB295

4



5

6

Series	CM 4	FB175 VB 5	FB295 VB 6
Angle **x°**	5°, 7°, 15°, 30°, 45°, 60°, 90°		
Radius **y** mm	400	750	
References of the modules (angle **x°** Radius **y** mm)	**CMVB x R y**	**FB175 VB x R y**	**FB295 VB x R y**
Standard lengths of the straight portions L	80		
Linking fish plates included in each module.	**FACS 20x160**		

/ FLEXINOX CONVEYORS

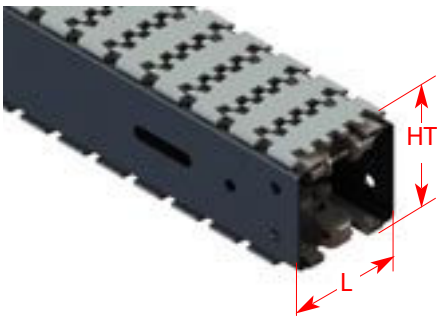
/ PRESENTATION, END MODULES

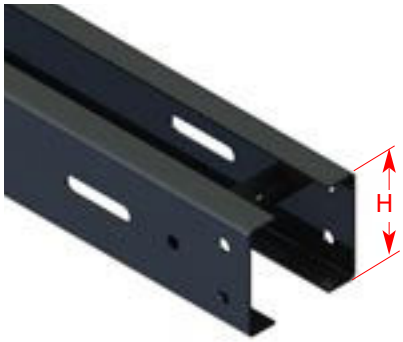
These conveyors are made with a stainless steel structure,
They accept Flex chains of series: FS-FM-CF.
The sides are assembled by spacers with a pitch ≤ 500 mm fixed in slotted holes.
They also allow for the mounting of accessories: guide brackets and legs.

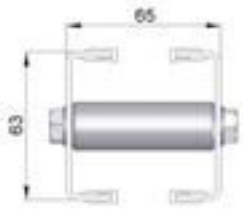
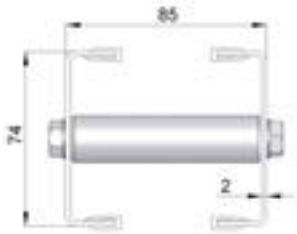
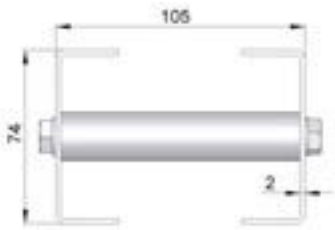
		SS	SM	SC
Width		65	85	105
Chains		FS series	FM series	FC series
Chain pitch		25.4	33.5	35.5
Slip profile		**FASR 25...**		
Rivets		**FASLS M5**		
Modules	Item	references		
Drive module, shaft on the left		**SSDD 0L**	**SMDD 0L**	**SCDD 0L**
Drive module, shaft on the right	1	**SSDD 0R**	**SMDD 0R**	**SCDD 0R**
Drive module, shaft on the left without slack strand	2	**SSDD GP 0L**	**SMDD GP 0L**	**SCDD GP 0L**
Drive module, shaft on the right without slack strand	3	**SSDD GP 0R**	**SMDD GP 0R**	**SCDD GP 0R**
Direct intermediate drive, shaft on the left		**SSID DD 0L**	**SMID DD 0L**	**SCID DD 0L**
Direct intermediate drive, shaft on the right		**SSID DD 0R**	**SMID DD 0R**	**SCID DD 0R**
Idler module	4	**SSIE 320**	**SMIE 320**	**SCIE 325**
Roller transfer kit		**SSTB 65**	**SMTB 85**	**SCTB 105**
Plate transfer kit		**SSTB 65P**	**SMTB 85P**	**SCTB 105P**

/ STRAIGHT MODULES, FISH PLATING

Straight beams
Production on request, up to 2 m long

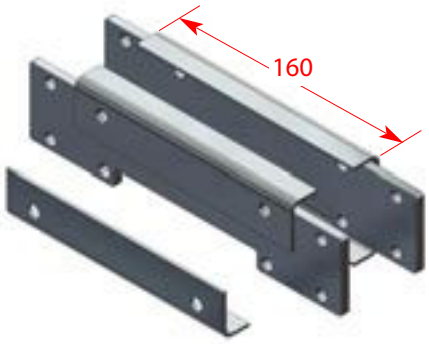




	SS	SM	SC
Beam	**SSCB**	**SMCB**	**SCCB**
Width L	65	85	105
Beam height H	63	74	74
Height HT chain included	73	84	85
			

/ INTERVENTION MODULES

This module facilitates eases the connection of the chain.



	SS	SM	SC
Intervention module	**SSCC 160**	**SMCC 160**	**SCCC 160**

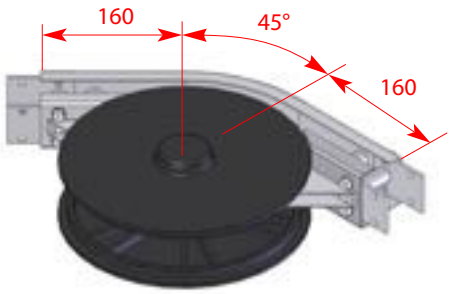
SACS 50x75 fish plates
for Flexinox
(2pcs necessary for one fish plating)

/ CURVES WITH WHEELS

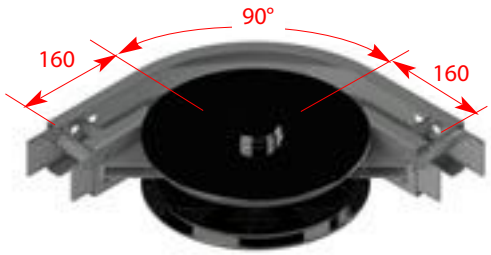
Curves with wheels:
These modules provide friction-free chain guiding. The wheels are made from fibre glass reinforced nylon and are held by double sealed ball bearings ensuring durability and minimum friction.
Average curve radius: see table below. Straight parts 160 mm
Linking fish plates SACS-50x75 are delivered with each module.
Creation of any curve with wheel from 5 to 180° to order,
tolerance on the angle ± 1°

	SS	SM	SC
R mean radius	150	160	170
Angle	Reference	Reference	Reference
30°	**SSWB 30 R 150**	**SMWB 30 R 160**	**SCWB 30 R 170**
45°	**SSWB 45 R 150**	**SMWB 45 R 160**	**SCWB 45 R 170**
60°	**SSWB 60 R 150**	**SMWB 60 R 160**	**SCWB 60 R 170**
90°	**SSWB 90 R 150**	**SMWB 90 R 160**	**SCWB 90 R 170**
180°	**SSWB 180 R 150**	**SMWB 180 R 160**	**SCWB 180 R 170**

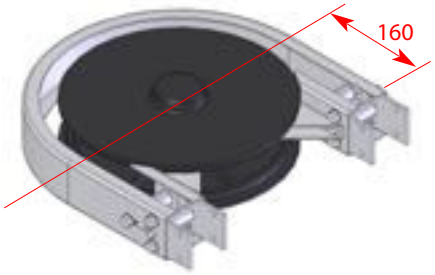
Curve with wheels, 45° S...WB-45R...



Curve with wheels, 90° S...WB-90R...



Curve with wheels, 180°
S...WB-180R



/ VERTICAL CURVES ON SLIP RAILS

Vertical curves enable a change in slope of the conveyors.
As all the curves on slip rails, they generate additional friction.
These stainless steel curves accept the slip profiles in continuity of the upstream and downstream modules.

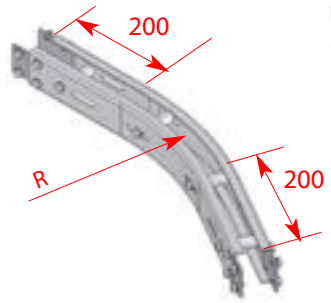
	SS	SM	SC
Angle	Reference	Reference	Reference
5°	**SSVB 5R300**	**SMVB 5R400**	**SCVB 5R400**
10°	**SSVB 10R300**	**SMVB 10R400**	**SCVB 10R400**
15°	**SSVB 15R300**	**SMVB 15R400**	**SCVB 15R400**
30°	**SSVB 30R300**	**SMVB 30R400**	**SCVB 30R400**

/ HORIZONTAL CURVES ON SLIP RAILS

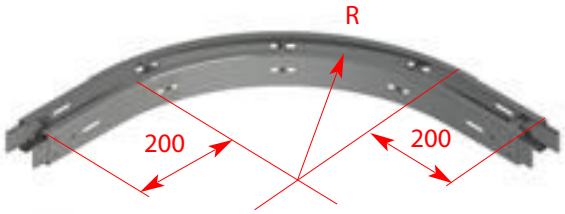
These modules are made by bending of 2 stainless steel half-profile sections with spacers.
They allow reduced volume thanks to the absence of rotating plates, but create additional friction.
We recommend a verification of the tensile forces applied to the chain (our Design Office is at your disposal).
Standard mean radii of the curve: 500 and 700 mm (and 300mm for SM series). Straight parts 200 mm.
Linking fish plates included in each module.
Tolerance +/- 10 mm for the radius and +/- 1° for the angle.
Other angles and other radii can be produced to order.

	SS	SM	SC
Angle		Mean radius R 300 mm	
7,5°		**SMHB 7,5 R 300**	
15°		**SMHB 15 R 300**	
30°		**SMHB 30 R 300**	
45°		**SMHB 45 R 300**	
60°		**SMHB 60 R 300**	
90°		**SMHB 90 R 300**	
		Mean radius R 500 mm	
7,5°	**SSHB 7,5 R 500**	**SMHB 7,5 R 500**	**SCHB 7,5 R 500**
15°	**SSHB 15 R 500**	**SMHB 15 R 500**	**SCHB 15 R 500**
30°	**SSHB 30 R 500**	**SMHB 30 R 500**	**SCHB 30 R 500**
45°	**SSHB 45 R 500**	**SMHB 45 R 500**	**SCHB 45 R 500**
60°	**SSHB 60 R 500**	**SMHB 60 R 500**	**SCHB 60 R 500**
90°	**SSHB 90 R 500**	**SMHB 90 R 500**	**SCHB 90 R 500**
		Mean radius R 700 mm	
7,5°	**SSHB 7,5 R 700**	**SMHB 7,5 R 700**	**SCHB 7,5 R 700**
15°	**SSHB 15 R 700**	**SMHB 15 R 700**	**SCHB 15 R 700**
30°	**SSHB 30 R 700**	**SMHB 30 R 700**	**SCHB 30 R 700**
45°	**SSHB 45 R 700**	**SMHB 45 R 700**	**SCHB 45 R 700**
60°	**SSHB 60 R 700**	**SMHB 60 R 700**	**SCHB 60 R 700**
90°	**SSHB 90 R 700**	**SMHB 90 R 700**	**SCHB 90 R 700**

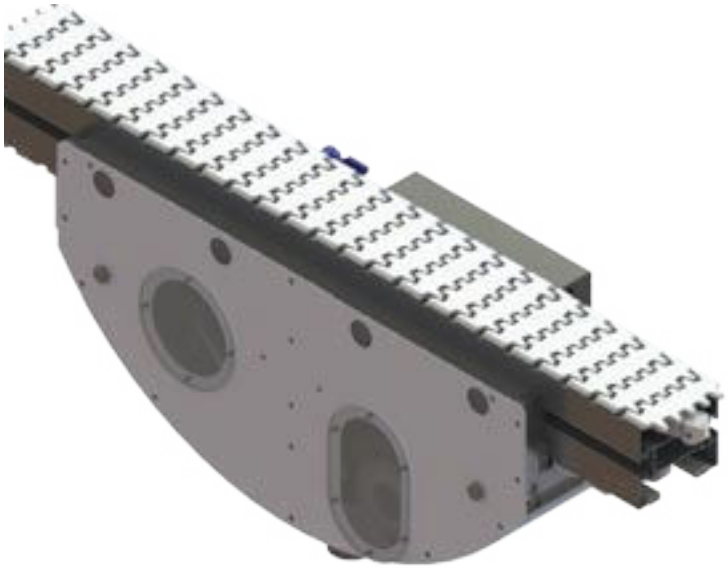
Curve on slip rails, 30° S...HB-30R...



Curve on slip rails, 90° S...HB-90R...



/ DRY CLEANING MODULE FOR FLEX CONVEYORS

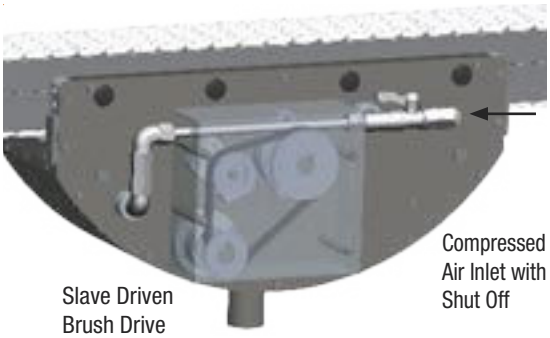


The dry cleaning module ensures continuous cleaning of the transport chain for dry applications with powder, dust or other dry contaminants.
The driven rotating brush cleans the surface of the chain, compressed air evacuates particles and sucks in dust.
Designed to operate continuously on the production line.
Enables longer and cleaner production cycles without general maintenance.
Clean design with minimal area for dirt and debris accumulation.
Fully built-in components with cover designed for the safety of workers.
No electrical components, programming or secondary motor required, fully mechanical.

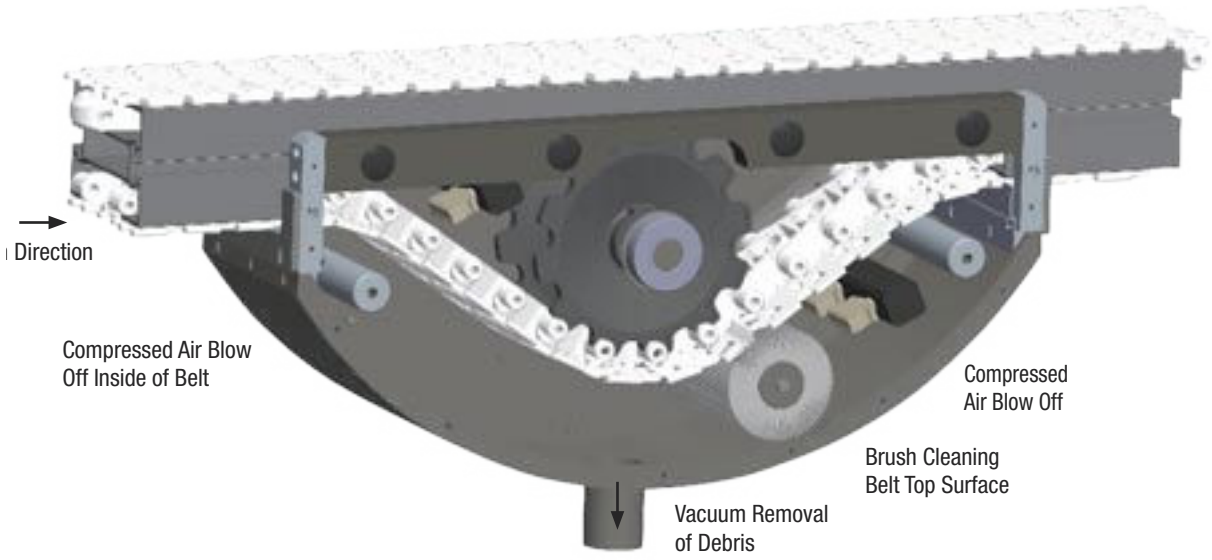
Characteristics :

•Compatible with Flex conveyors
•Required size: 700 mm (W) x 300 mm (H)
•Minimum height at the top of the chain: 250 mm
•Maximum conveyor length: 4.5 m
•Maximum conveyor speed: 50 m/min

For conveyors	Reference
FS	**CCD FS**
FM	**CCD FM**
FC	**CCD FC**
SS	**CCD SS**
SM	**CCD SM**

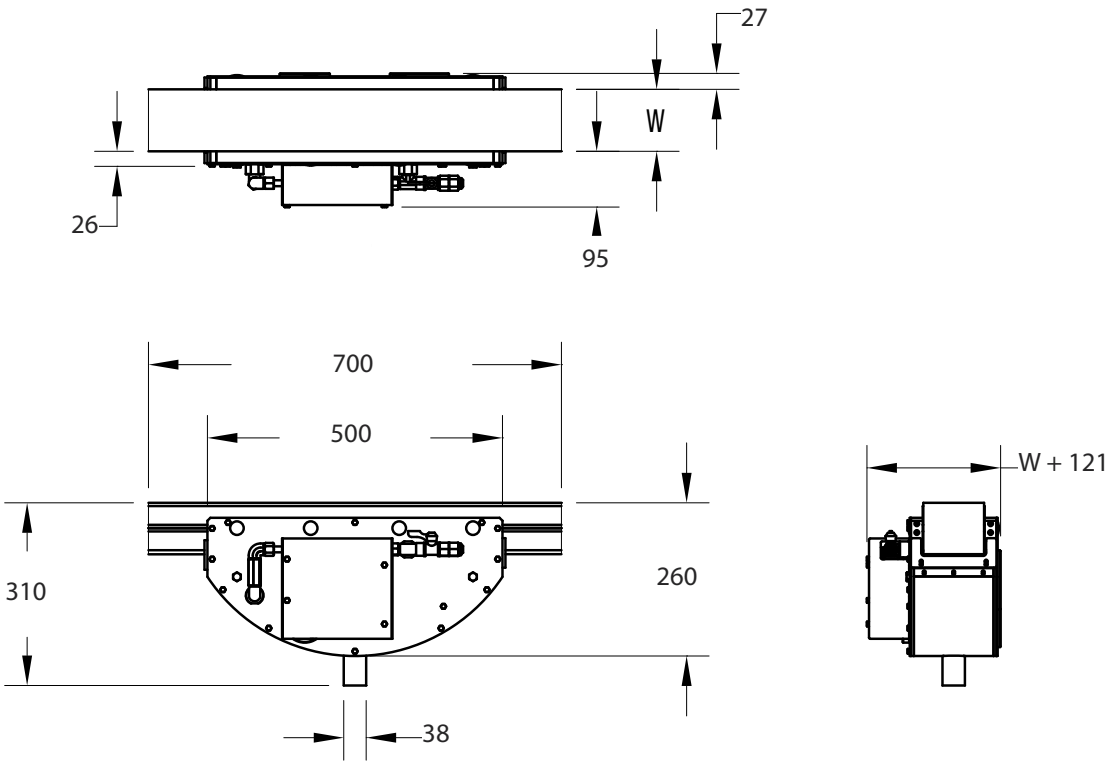


Operation :



/ DRY CLEANING MODULE FOR FLEX CONVEYORS

Dimensions :



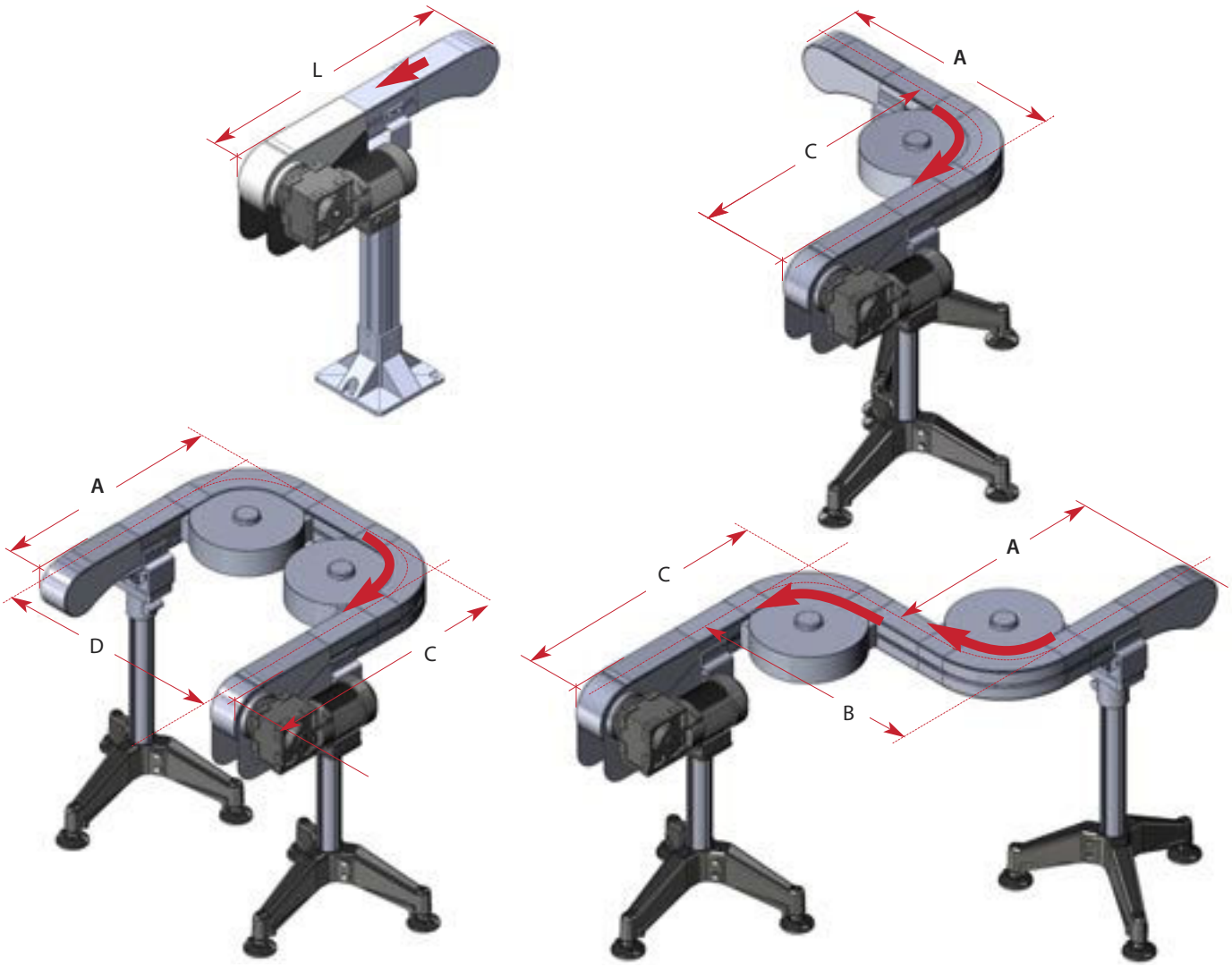
Energy required:

Compressed air:
Tube Ø 8 mm inside
0,69 MPa - 6,9 bar

Drying vacuum :
Pipe Ø 34 inside /38 outside
Flow: 56 l/s

Blower and drying vacuum systems are not included.

/ STRAIGHT OR CURVED FLEX CONVEYORS, 90°: MINIMUM DIMENSIONS



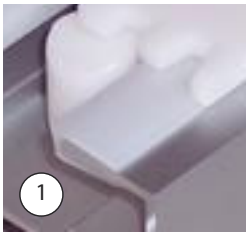
	Chain width	Conveyor width	Mean radius of curves	L	**A min**	B min	C min	**D min (5)**	**D (6)**
F45	43	45	150	140	**235**	380	235	**380**	**300**
FK	44			610 (1)(2)	**590 (2)**	460	710 / 640 (1)	**620**	
FS	63	65							
SS				800	**790**	620	790		
FM	83	85	160	740	**560 (3)**	480	720	**640**	**320**
SM				800	**800**	640	800		
CM				775	**640**		640		
FC	103	105	170	800	**690 (4)**	500	730	**660**	**340**
SC				800	**810**	660	810		
FL	150	155	210	810	**835**	1020	835	**1020**	**420**
FB 175	175	182	500	775	**900**	1160	900	**1160**	**1000**
FB 295	295	300	700		**1100**	1560	1100	**1560**	**1400**

Intervention modules, if any, can be added to the dimensions above:
Dimensions calculated with minimum size idler modules and curves with wheels.
Please consult our Design Office to validate these installations according to the application.

(1) with drive module, length 250 mm.
(2) with idler module, length 200 mm
(3) with special fish plating
(4) with idler module, length 280 mm
(5) with 2 curves of 90°, without chutes. (The chutes require longer straight sections)
(6) with a single curve of 180°

/ SLIP PROFILES

Material	F45	FK	FS, FM, FC, FL	CM FB 175 FB 295	Figure	Maximum temperature of the profile section	Applications	Packaging
White HDPE		FASR 25K	FASR 25U	CMSR 25	1	60° C	Standard	roll of 25 m
				CMSR 25B	2		load++	
				CMSR 3	3		Integral guide	3m bar
Super low friction UHMW PE			FASR 25BE		1		load++	roll of 25 m
PA6 + grey HDPE	F45SR 25H	FASR 25KH	FASR 25H	CMSR 25H		100° C		
Black anti-static UHMW PE		FASR 25KA	FASR 25CD	CMSR 25CD		60° C		
White PVDF		FASR 25KP	FASR 25P	CMSR 25P		100° C	Chemical	
PTFE (Teflon®)			FASR 1.2 T			220° C		1.2 m bar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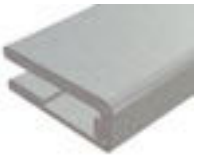
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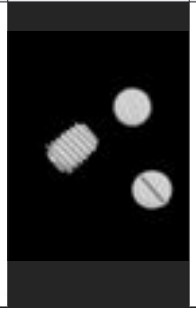
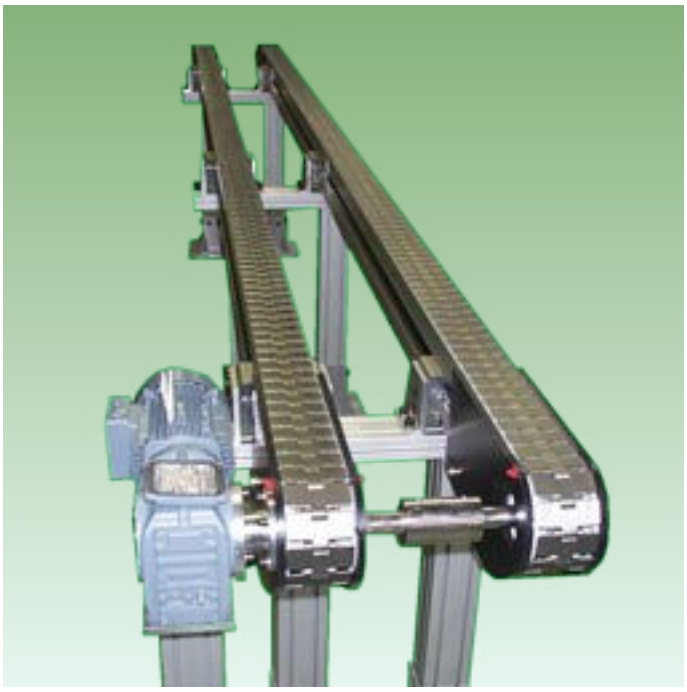
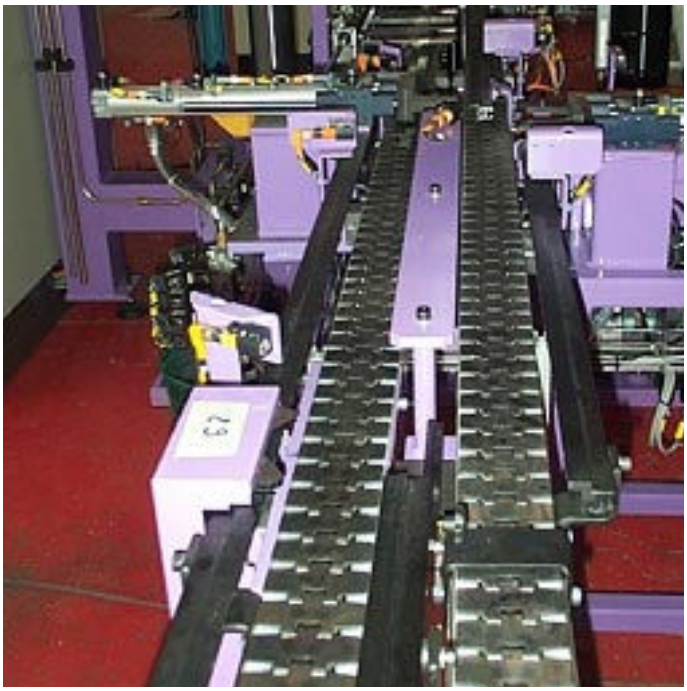
Installation recommendations for slip profile:
(See fitting instructions and sketches below).
- Provide 1 or 2 rivets or 1 or 2 plastic screws at the same slip band leading end.
- Do not exceed a unit length of the profile of 3m and allow sufficient clearance for expansion: 0.2mm/m/°)

PCPE
Cutting pliers for PE profiles with maximum section of 30x10 or 20x12

/ FIXING TOOLS AND FOR CHAIN PINS

Conveyors	Installation tool for slip rail profile	Drilling Templates	Aluminium rivets Smooth bore	Fitting pliers	Installation screw press for smooth rivets	Plastic grub screw, length 6mm	Tool to insert chain pins
F45		GAB F45	RIVET ALU 3X6.5 Ø3 L6,5		PRESSE D3 F45		
FK	FSMR 140	GAB FK		SERT D3	PRESSE D3	PAST M4x6	FSMJ 4
FS, SS		GAB FM	RIVET ALU 4X6.5 Ø4 L6,5	SERT D4 FS	PRESSE D4	PAST M5x6	
FM, SM	FMMR 140			SERT D4			FMMJ 6
FC, FL, SC	FCMR 200						FCMJ 6
CM, FB175, FB295	FBMR 170		RIVET ALU 4X8			PAST M5x8	FBMJ 6P
							





ROBUR®

traight and curved chain conveyors (heavy loads)

/ PLASTIC CHAINS, PITCH 38.1 MM

Standard curved chain 880 TAB, minimum radius 400 mm

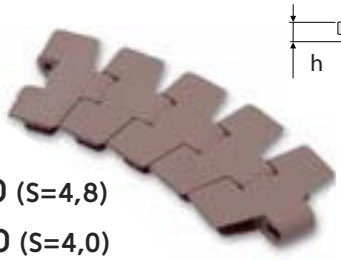
Thicknesses: slat 4 mm, inserts +2 mm

Robur ...	Codes / Width L (mm)	D Acetal grey	LFA Acetal, light brown, lubricated	SLF Acetal, dark grey, super lubricated	AK Anti-wear acetal	WRX Anti-wear polyamide	AS Antistatic acetal	PP white reinforced polypro	PBT polyester low friction
1	K 250 / 63,5	x	✔ 0,80 kg/m			x	x	x	x
2 / 2TB	K 325 / 82,5	✔ 0,94 kg/m						✔ 0,74 kg/m	✔ 0,94 kg/m
3 / 3TB	K 450 / 114,3	✔ 1,08 kg/m						✔ 0,88 kg/m	✔ 1,08 kg/m
4	K 750 / 190,5	✔ 1,48 kg/m						✔ 1,28 kg/m	✔ 1,48 kg/m
Elastic limit (21°C)		2 100N						1 900 N	2 100N

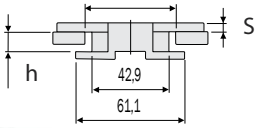
Curved chain, minimum radius 190/200 mm

Necessary for modules with curves of 200 mm

878 BO (S=4,8)



879 BO (S=4,8)
880 BO (S=4,0)



879 SF (S=5,0)

Robur ...	Codes / Width L (mm)	LFA 878 BO Acetal, light brown, lubricated	SLF 878 BO Acetal, dark grey, super lubricated	LFA 879 BO Acetal, light brown, lubricated	LFA 880 BO Acetal, light brown, lubricated	D 879 natural acetal
1	K 250 / 63,5	x	x	x	✔ 0,88 kg/m	x
2 / 2TB	K 325 / 82,5	✔ 1,08 kg/m	✔ 1,08 kg/m	✔ 1,08 kg/m	✔ 0,96 kg/m	✔ 1,0 kg/m
3 / 3TB	K 450 / 114,3	✔ 1,20 kg/m	✔ 1,20 kg/m	✔ 1,23 kg/m	✔ 1,04 kg/m	x
curve radii / backflex radii		190 mm / 40 mm				200 mm / 90 mm
Slat thickness S/ height h		4,8 / 11,5	4,8 / 11,5	4,8 / 11,5	4 / 11,5	5 / 11,9
Elastic limit (21°C)		2 100N	2 100N	2 100N	1 680N	2 250 N

Straight chain 820 (only upon request for straight conveyors)

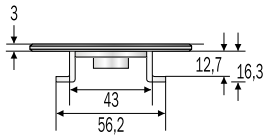
Requires special sprockets and bottom guide profiles. Thicknesses: slat 4 mm; inserts +2 mm

Codes ↓	Width L (mm)	D Acetal grey	LFA Acetal, light brown, lubricated	SLF Acetal, dark grey, super lubricated	AK Anti-wear acetal	WRX Anti-wear polyamide	AS Antistatic acetal	PP white reinforced polypro	PBT polyester low friction
K 250	63,5	✔ 0,73 kg/m		x	x	x	x	x	x
K 325	82,5	✔ 0,83 kg/m						✔	✔ 0,83kg/m
K 450	114,3	✔ 1,03 kg/m						✔	✔ 1,03kg/m
K 750	190,5	✔ 1,47 kg/m				x	✔ 1,47kg/m	✔	✔ 1,47kg/m
S / h		4 mm / 9,5 mm							
Elastic limit (21°C)		1 230 N						1 000 N	1 230 N

Other materials upon request (chemical, abrasion or temperature resistant) : see following page
Chains with anti-slip or lug inserts : consult us.

/ METAL CHAINS, PITCH 38.1MM

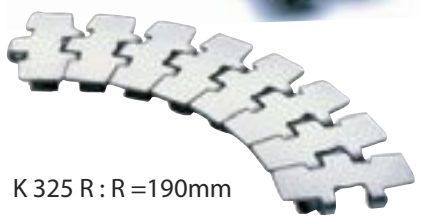
Metal chains require specific sprockets. Drive and idler modules must be adapted in order to use these chains.



Curved chain

Slat thickness 3.15 mm.

Robur ...	Codes / Width L (mm)	R mini	SS 881 TAB stainless steel 430, stainless steel pins 431	SSH 881 TAB hard NiCr stainless steel, stainless steel pins 431	SSA 881 TAB hard 304 stainless steel, stainless steel pins 18-8	S 881 TAB carbon steel chain and pins
1	K 250 / 63,5	457	x	x	x	✔ 2,65 kg/m
2 / 2TB	K 325 / 82,5	457	✔ 3,10 kg/m	✔ 2,95 kg/m	✔ 3,10 kg/m	✔ 3,10 kg/m
	K 325R / 82,5	190	x	✔ 3,00 kg/m	✔ 3,00 kg/m	✔ 3,00 kg/m
3 / 3TB	K 450 / 114,3	500	✔ 3,60 kg/m	✔ 3,60 kg/m	✔ 3,80 kg/m	✔ 3,80 kg/m
4	K 750 / 190,5	500	✔ 5,05 kg/m	✔ 5,05 kg/m	✔ 5,50 kg/m	✔ 5,50 kg/m
HRC hardness			20	30	25-26	43
Elastic limit			5 400 N	6000 N	5 500 N	12 000 N



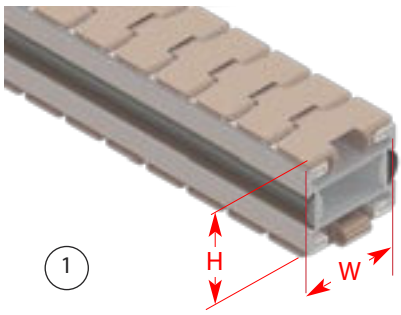
Metal straight chains for Robur

Only available upon request for straight conveyors.
Slat thickness 3.15 mm These chains require specific sprockets.
They are fitted with TABs

Robur ...	Codes / Width L (mm)	Mass	SS 812 TAB stainless steel 430, stainless steel pins 431	SSH 812 TAB hard NiCr stainless steel, stainless steel pins 431	SSA 815 TAB hard 304 stainless steel, stainless steel pins 18-8	SSAR 815 TAB hard 304 stainless steel, stainless steel pins 18-8	S 815 TAB carbon steel chain and pins
1	K 250 / 63,5	2,25	✔	✔	✔	✔	✔
2 / 2TB	K 325 / 82,5	2,65	✔	✔	✔	✔	✔
3 / 3TB	K 450 / 114,3	3,3	✔	✔	✔	x	✔
4	K 750 / 190,5	5,1	✔	✔	✔	x	✔
HRC hardness			30	30	26	26	43
Elastic limit			5 400 N	6000 N	5 500 N	5 500 N	12 000 N

Plastic materials on request (for the chains on the previous page) :			Working temperature	
Code	Materials and characteristics	Applications	Dry	Wet
SLX	Super lubricated polyacetal	PET containers and bottling lines. High speed. Enhanced wear resistance, FDA approved for food contact.	- 40° C / + 80° C	- 40° C / + 65° C
AK	Special material based on aramidic fibers with low friction coefficient	Dry on glass, PET and bottling manufacturing lines.	- 40° C / + 80° C	- 40° C / + 65° C
WRX	Polyamide compound	Abrasive environment: transport of glass containers, mechanical components, sand, etc..	- 20° C / + 120° C	
HT	Polyester reinforced glass fiber , very high resistance to heat and wear.	FDA approved for direct food contact. (for 304/316 stainless steel pins only)	- 40° C / + 140°C	
AS	Black antistatic acetal, high protection against static electric charges	Risks of explosion and may cause product instability under electrostatic force.	- 40° C / + 80° C	- 40° C / + 65° C
PPB	White PP enhanced for acid and corrosion resistance, PPB chain sizes are larger than standard materials.	Especially recommended when a chain is exposed to chemical agents	+ 5° C / + 105° C	+ 5° C / + 105° C
PBT	Very low coefficient of friction and excellent wear resistance, Colors: green, white, black.	High speed and dry	- 40° C / + 125° C	- 40° C / + 60° C
PA66	Blue polyamide	glass-making	-20° C / +85°C	

/ STRAIGHT CONVEYOR MODULES



1

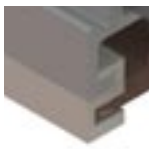

2


3

Gamme		Taille Basse			Taille standard		
		R1	R2TB	R3TB	R2	R3	R4
Conveyor width W		70	86	118	86	118	196
	Figure						
One-piece structure, module reference 3000 mm	1	R1 D3000	R2TB D3000	R3TB D3000			
	2				R2 D3000-MONO	R3 D3000-MONO	x
Open structure, module reference 3000 mm	3				R2 D3000	R3 D3000	R4 D3000
Height H including biflex chain		84			145		
Hauteur H chaine droite incluse		87			148		
Standard lengths		Modules de 200 à 3000 mm					
Upper slide profile Lower slide profile for TAB chain		R1 PGR3 & R1 PGR16	R2TB PGHD1000	R3 PG	R2 PGHD1000	R3 PG	R4 PG
Bottom profile for plastic straight chain 820		R1 PG-CD	R2 PG-CD	R3 PG-CD	R2 PG-CD	R3 PG-CD	R4 PG-CD


R1 PGR3


R1 PGR16


R1 PGR-CD


R2TB PGHD1000 R2 PGHD1000


R2 PG-CD


R3 PG

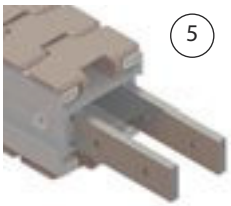

R3 PG-CD


R4 PG


R4 PG-CD

Fishplates :

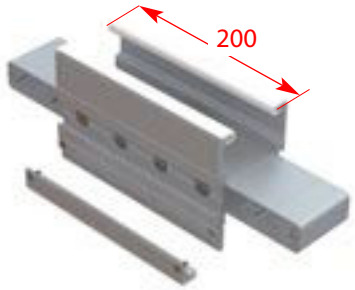
Each module is supplied with its own connecting splice. If the module is of the one-piece type, two half-slots are used (image 5). If it is of the open type or curved on rails, the slot is one-piece (image 6). The curves with wheels do not require slots.


5


6

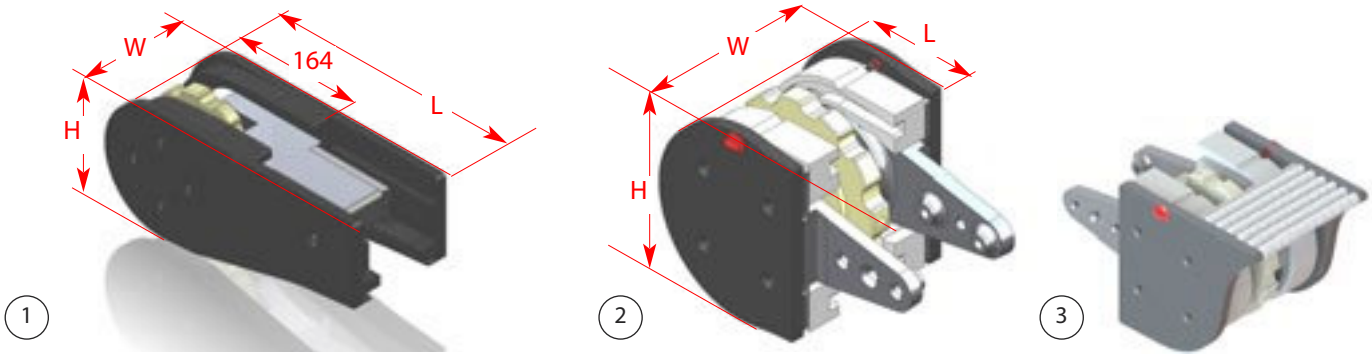
/ INTERVENTION MODULES

They make it easy to remove and refit the chain.



R1	R1	R2TB	R3TB	R2	R3	R4
Module d'intervention simple	R1 CC 200	R2TB CC 200	R3TB CC 200	R2 CC 200	R3 CC 200	R4 CC 200

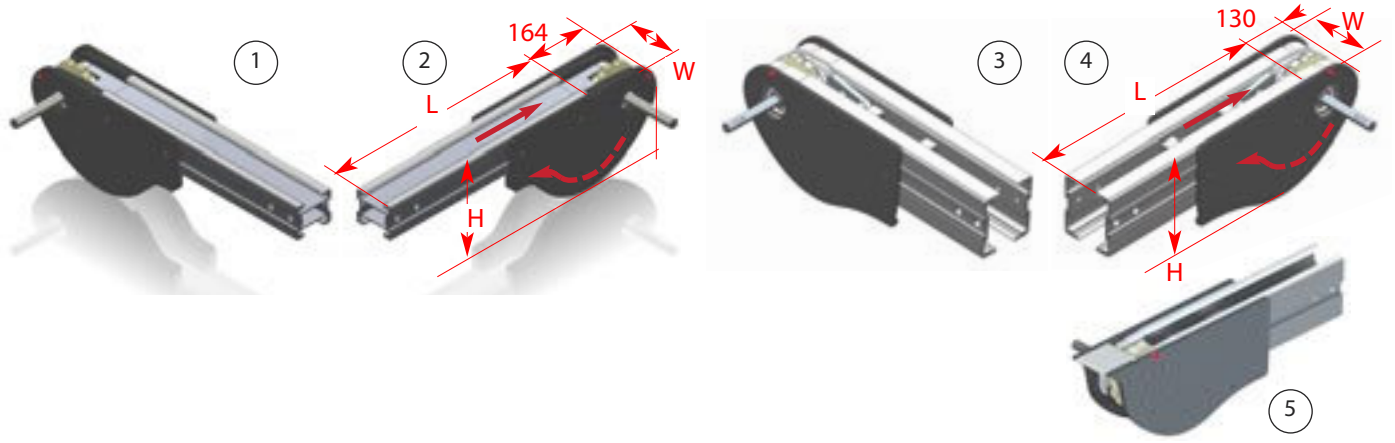
/ IDLER MODULES



		R1	R2TB	R3TB	R2	R3	R4
Idler modules	Figure						
Low Size	1	R1 R	R2TB R	R3TB R			
Standard size	2				R2 R	R3 R	R4 R
same as with optional roller housing	3	✔	✔	✔	✔	✔	✔
L (overall) / R		290			130		
W (overall)		90	106	138	106	138	216
Height H including biflex chain		123			150		

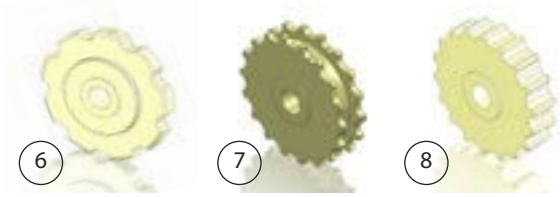
/ DRIVE MODULES

The chain return strand is re-inserted by a shoe system integrated into the black PE side covers, thickness 10 mm. For all these modules, the motors must be ordered separately. On request, other shaft diameters, multi-channel modules.



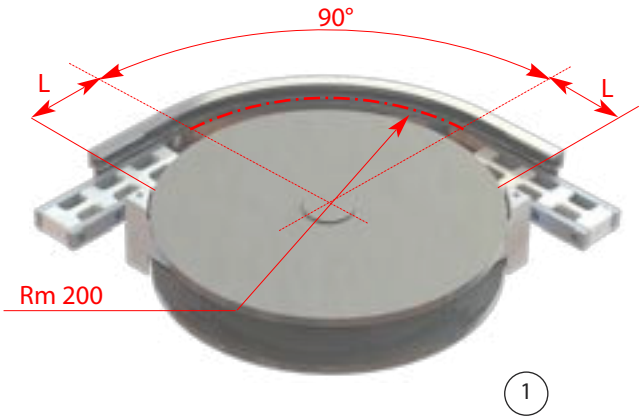
		R1	R2TB	R3TB	R2	R3	R4
Drive modules	Figure						
Low size, shaft Ø 20 left	1	R1 MG20	R2TB MG20	R3TB MG20			
Low size, shaft Ø 20 right	2	R1 MD20	R2TB MD20	R3TB MD20			
Standard size, shaft Ø 20 left	3				R2 MG20	R3 MG20	R4 MG20
Standard size, shaft Ø 20 right	4				R2 MD20	R3 MD20	R4 MD20
same as with optional roller housing	5	✔	✔	✔	✔	✔	✔
L standard (Lmini)		500 (200)			500 (280)		
W (overall)		90	106	138	106	138	216
Height H including biflex chain		204			212		
Sprockets - biflex plastic chains - other chains	6 7-8	Z 9 Z 18			Z 11 Z 21		

The return and drive modules are equipped as standard with sprockets for biflex plastic chain (Fig. 6). As an option, they can be equipped with a sprocket for straight plastic chain (Fig. 7) or for metal chain (Fig. 8)

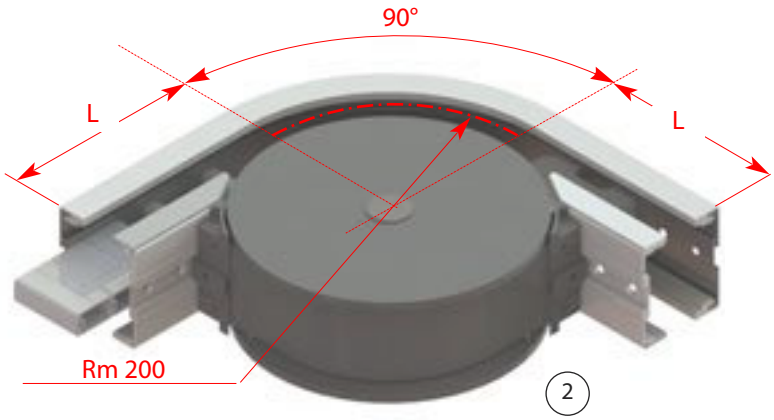


/ WHEEL CURVES

The wheel bend modules allow for less pulling force and more bends per conveyor. The wheel bends do not require additional splice bars.
These modules require plastic chains 880 Tab K... R plastic chains (radius 200 mm) with which the entire conveyor must be equipped.
* Metal chains compatible with the 200 mm radius are only available in 82.5 width (for R2TB and R2).
They require an additional support plate for the return strand.



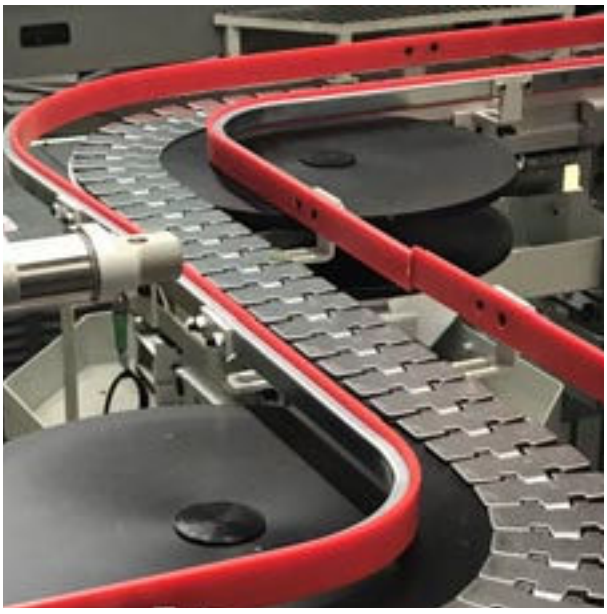
1



2

Angle x°	Figure	R1	R2TB	R3TB	R2	R3	R4
45°		R1 C200/45	R2TB C200/45	R3TB C200/45			
90°	1	R1 C200/90	R2TB C200/90	R3TB C200/90			
180°		R1 C200/180	R2TB C200/180	R3TB C200/180			
45°					R2 C200/45	R3 C200/45	x
90°	2				R2 C200/90	R3 C200/90	
180°					R2 C200/180	R3 C200/180	
other angles (a°) on request		R1 C200/a	R2TB C200/a	R3TB C200/a	R2 C200/a	R3 C200/a	
Medium radius		200			200		
Lengths of straight sections L		100		110	250		x
Possibility of metal chain		x	✔ (*)	x	✔ (*)	x	

Two of these modules must be connected to each other by means of a straight module with a length of 200 mm or more



/ COURBES HORIZONTALES SUR GLISSIÈRES

Each module is supplied with a connecting splice.
The black groove cover profile, the required length of slide profile to be clipped on when assembled (R1, R2TB and R2), and the chain must be ordered separately.
Advice for use:
It is generally recommended not to exceed a total of 180° of curves on slides per conveyor (horizontal curves and vertical curves

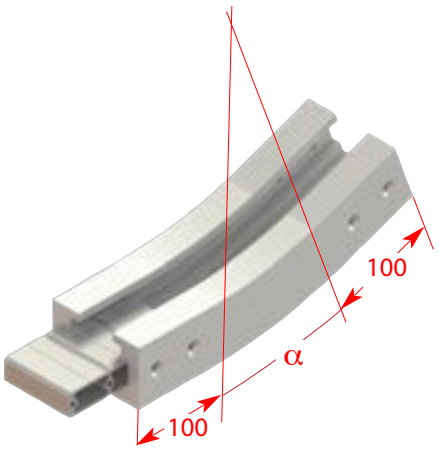
R1, R2TB and R2: clip-on sliding profiles

R3TB, R3 and R4: machined sliding plates

Angle x°	R1	R2TB	R3TB	R2	R3	R4
15°	R1 C500/15	R2TB C500/15	R3TB C500/15	R2 C500/15	R3 C500/15	R4 C500/15
30°	R1 C500/30	R2TB C500/30	R3TB C500/30	R2 C500/30	R3 C500/30	R4 C500/30
45°	R1 C500/45	R2TB C500/45	R3TB C500/45	R2 C500/45	R3 C500/45	R4 C500/45
60°	R1 C500/60	R2TB C500/60	R3TB C500/60	R2 C500/60	R3 C500/60	R4 C500/60
90°	R1 C500/90	R2TB C500/90	R3TB C500/90	R2 C500/90	R3 C500/90	R4 C500/90
135°	R1 C500/135	R2TB C500/135	R3TB C500/135	R2 C500/135	R3 C500/135	R4 C500/135
180°	R1 C500/180	R2TB C500/180	R3TB C500/180	R2 C500/180	R3 C500/180	R4 C500/180
other angles (a°) on request	R1 C500/a	R2TB C500/a	R3TB C500/a	R2 C500/a	R3 C500/a	R4 C500/a
Standard medium radius	500					
Lengths of straight sections L	100					
Possibility of metal chain	✔					

/ VERTICAL CURVES ON SLIP RAILS

Material: black HD PE
Advice for use:
- for angles ≤ 4°, a slanted connection of the modules provides a more economical solution (a specific splice is required)
- above 7°, anti-slip inserts or cleats are generally required to prevent spontaneous slipping of the conveyed products



Angle x°	R1	R2TB	R3TB	R2	R3	R4
5°	R1 CV500/5	R2TB CV500/5	R3TB CV500/5	R2 CV500/5	R3 CV500/5	R4 CV500/5
7°	R1 CV500/7	R2TB CV500/7	R3TB CV500/7	R2 CV500/7	R3 CV500/7	R4 CV500/7
other angles (a°) on request	R1 CV500/a	R2TB CV500/a	R3TB CV500/a	R2 CV500/a	R3 CV500/a	R4 CV500/a
Standard medium radius	500					
Lengths of straight sections L	100					
Possibility of metal chain	✔					

/ ROBUR® CONVEYORS

Minimum dimensions with 2 curves of 90° in the same or the opposite direction

Conveyor	with plastic chain	with metal chain	Chain width	Conveyor width	Mean radius of curves	X1 min	Y1 min	Z1 min
Robur 1	✔	✘	63.5	70	200 min.	664	664	800
Robur 2TB	✔	✔	82.5	86	200 min.	664	680	800
Robur 2	✔	✔			200 min.	580	810	900
Robur 3TB	✔	✘	114.3	118	200 min.	674	710	820
	✘	✔			500 min.	974	1010	1120
Robur 3	✔	✘			200 min.	580	810	900
	✘	✔			500 min.	880	1110	1200
Robur 4	✔	✘	190.5	196	400 min.	630	780	1000
	✘	✔			500 min.	730	880	1200

The dimensions indicated cover standard curved modules with minimum length drive modules.
Consult our Design Office to validate your installations.

• h‘ecoflex

Curved belt conveyor (light loads)

Economic and quiet to transport and accumulate your wide products.

Made to fit your layout requirements, our h'ecoflex® conveyors are mounted and tested in our workshops.

The various accessories (feet, side guides, supports,...) are common to all our ranges.

- Economical curved plastic belt with 25 mm pitch, allowing multi-curve geometries
- Bending radii for compact geometries
- Very quiet operation
- Conveyor designed for quick and easy installation and maintenance
- Compact structure, small winding Ø
- Modularity to ease the evolution of the lines
- Conveyor widths 227 to 822 mm

/ FEATURES:

Conveyor width = belt width + 17mm

Inner radius of curves : 1.4 to 1.8 x belt width

Winding Ø : 100mm

Speed : up to 40m / mn

Length : up to 15m depending on load and conveyor geometry

Tensile force: 1200 N/m width (POM acetal belts, PA shafts)

/ PRESENTATION OF THE RANGE

Material of the mat:

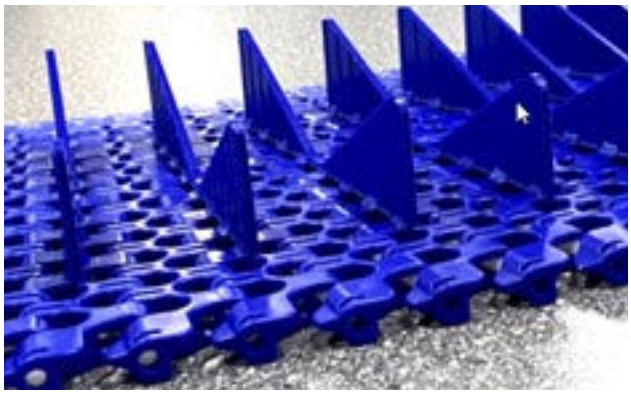
- POM natural or blue
- PP natural or blue

This belt is equipped with outward-facing retaining heels (see sectional view on next page)

h'ecoflex

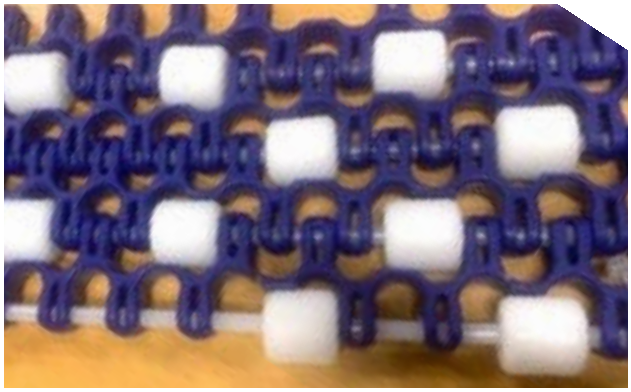
/ Optional equipment

Lugs height 25, 50 or 75 mm

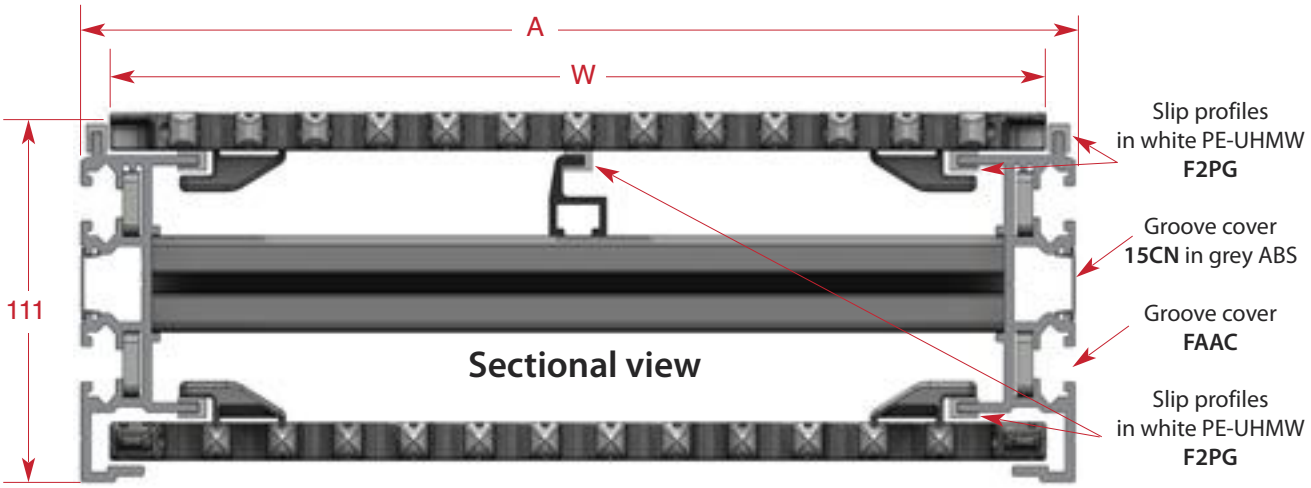


"V" shaped lugs

Anti-slips inserts



Loose rollers



	Belt, width W	maximum tensile force*	Conveyor, width A	Number of top support profiles	Number of bottom support profiles	Mean radius R of curves	Number of drive sprockets or idlers
HEF 1	148	1200 N	165	0	0	260	2
HEF 2	210		227	1		405	
HEF 3	292		309			550	
HEF 4	394		411	2		850	3
HEF 5	497		514	3		1100	4
HEF 6	600		617	4	1	1340	
HEF 7	702		719			1610	5
HEF 8	805		822	5		1870	6
HEF 9	907		924	6	2	2140	
HEF 10	1011		1028	7		2420	7

Straight modules

HEF x D...

(standard length 3m,
others ≥140 mm on request)

Connecting fish plates not included

	Example of reference module length 3m
HEF 1	**HEF 1 D3000**
HEF 2	**HEF 2 D3000**
HEF 3	**HEF 3 D3000**
HEF 4	**HEF 4 D3000**
HEF 5	**HEF 5 D3000**
HEF 6	**HEF 6 D30000**
HEF 7	**HEF 7 D3000**
HEF 8	**HEF 8 D3000**
HEF 9	**HEF 9 D3000**
HEF 10	**HEF 10 D3000**

Intervention modules

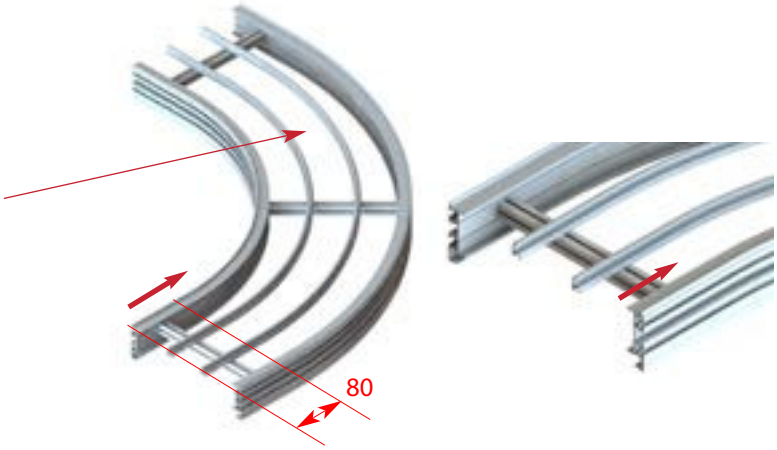
HEF x CC...

They make it easy to remove and refit the belt.
Length 140 mm
Connecting fish plates included

	Example of reference intervention module
HEF 1	**HEF 1 CC**
HEF 2	**HEF 2 CC**
HEF 3	**HEF 3 CC**
HEF 4	**HEF 4 CC**
HEF 5	**HEF 5 CC**
HEF 6	**HEF 6 CC**
HEF 7	**HEF 7 CC**
HEF 8	**HEF 8 CC**
HEF 9	**HEF 9 CC**
HEF 10	**HEF 10 CC**

/ HORIZONTAL CURVED MODULES

multiple angles of 15°, (others on request)

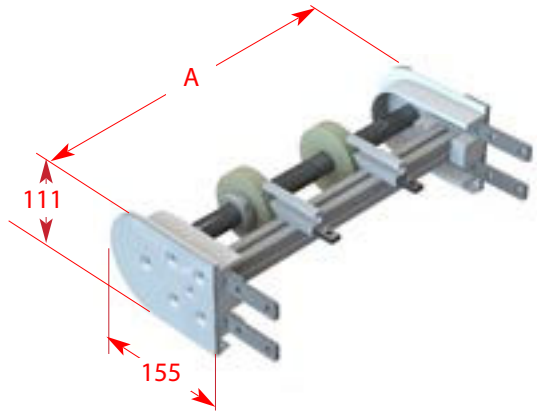


	Reference 90° left-hand curve	Reference 90° right-hand curve	Medium radius of curves
HEF 1	HEF 1 C260/90G	HEF 1 C260/90D	260
HEF 2	HEF 2 C405/90G	HEF 2 C405/90D	405
HEF 3	HEF 3 C550/90G	HEF 3 C550/90D	550
HEF 4	HEF 4 C850/90G	HEF 4 C850/90D	850
HEF 5	HEF 5 C1100/90G	HEF 5 C1100/90D	1100
HEF 6	HEF 6 C1340/90G	HEF 6 C1340/90D	1340
HEF 7	HEF 7 C1610/90G	HEF 7 C1610/90D	1610
HEF 8	HEF 8 C1870/90G	HEF 8 C1870/90D	1870
HEF 9	HEF 9 C2140/90G	HEF 9 C2140/90D	2140
HEF 10	HEF 10 C2420/90G	HEF 10 C2420/90D	2420

Connecting fish plates included

h'ecoflex

/ IDLER MODULES length 155 mm



	Reference
HEF 1	HEF 1 R U
HEF 2	HEF 2 R U
HEF 3	HEF 3 R U
HEF 4	HEF 4 R U
HEF 5	HEF 5 R U
HEF 6	HEF 6 R U
HEF 7	HEF 7 R U
HEF 8	HEF 8 R U
HEF 9	HEF 9 R U
HEF 10	HEF 10 R U

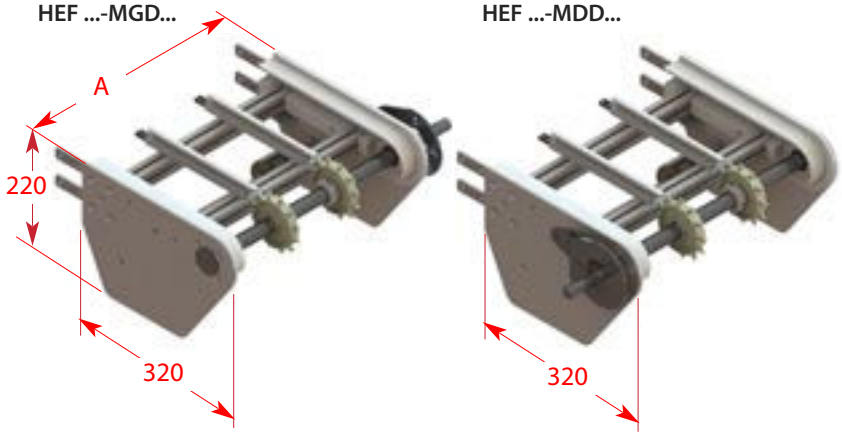
Connecting fish plates included

/ DIRECT DRIVE MODULES

length 320 mm, output shaft Ø 20 for geared motor hollow shaft, pendulum mounting

HEF ...-MGD...

HEF ...-MDD...

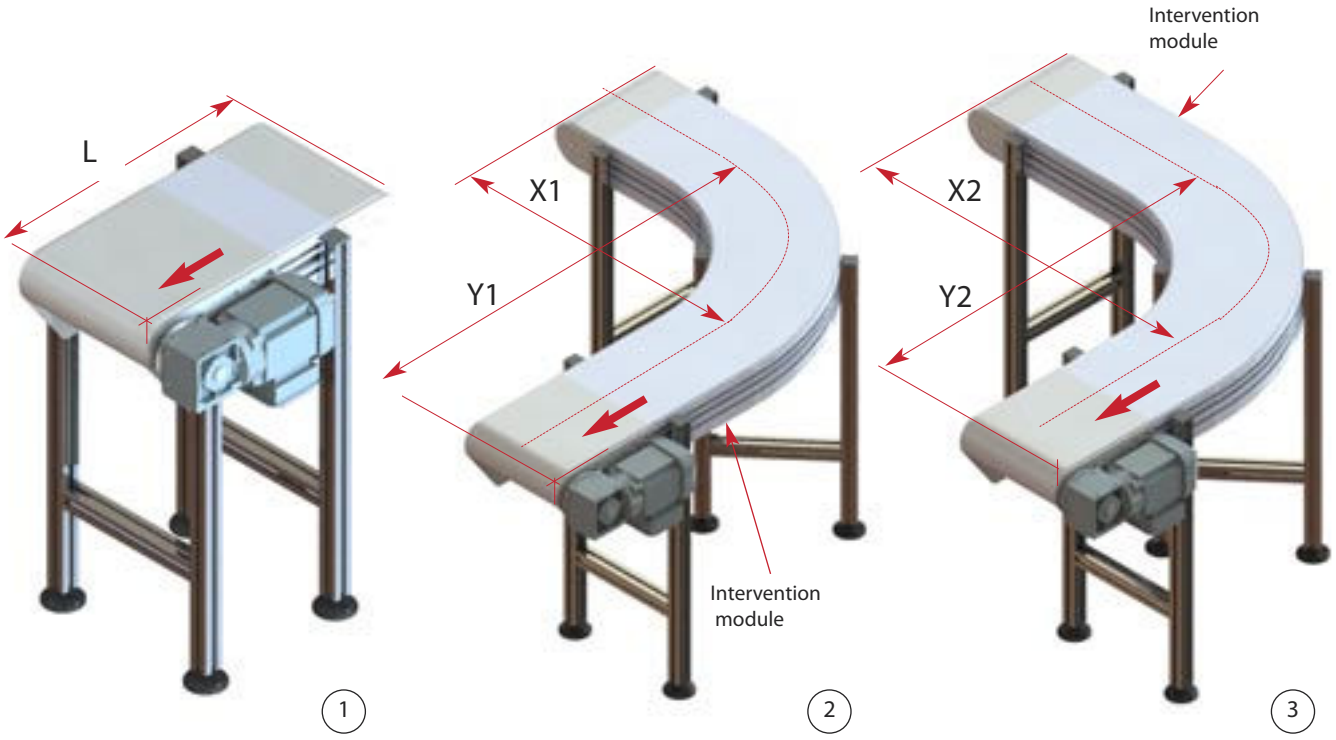


	Reference motor on the left	Reference motor on the right
HEF 1	HEF 1 MGD20 U	HEF 1 MDD20 U
HEF 2	HEF 2 MGD20 U	HEF 2 MDD20 U
HEF 3	HEF 3 MGD20 U	HEF 3 MDD20 U
HEF 4	HEF 4 MGD20 U	HEF 4 MDD20 U
HEF 5	HEF 5 MGD20 U	HEF 5 MDD20 U
HEF 6	HEF 6 MGD20 U	HEF 6 MDD20 U
HEF 7	HEF 7 MGD20 U	HEF 7 MDD20 U
HEF 8	HEF 8 MGD20 U	HEF 8 MDD20 U
HEF 9	HEF 9 MGD20 U	HEF 9 MDD20 U
HEF 10	HEF 10 MGD20 U	HEF 10 MDD20 U

Connecting fish plates included

/ MINIMUM DIMENSIONS

h'ecoflex conveyors, straight or with 1 curve, 90°



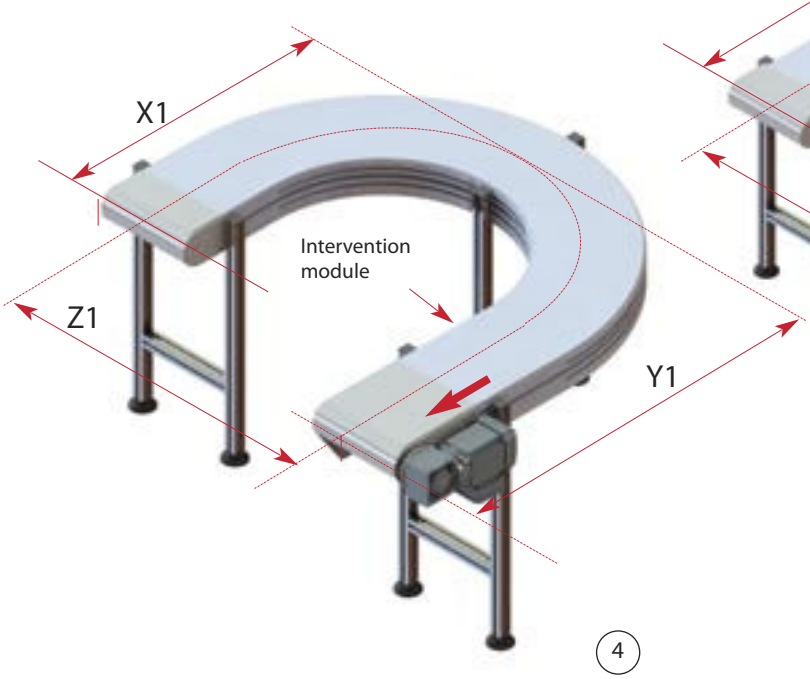
2 possibilities, depending on the position of the intervention module:
- between the curve and the drive module, dimensions X1 and Y1 (figure 2)
- between the idler module and the curve, dimensions X2 and Y2 (Figure 3).

Please consult our Design Office to validate these installations.

	Belt width	Convoyor width	Medium radius	L min	X1 min	Y1 min	X2 min	Y2 min
HEF 1	148	165	260	615	495	940	775	660
HEF 2	210	227	405		670	1085	920	805
HEF 3	292	309	550		897	1230	1065	950
HEF 4	394	411	850		1299	1530	1365	1299
HEF 5	497	514	1100		1652	1780	1652	
HEF 6	600	617	1340		1995	2020	1995	
HEF 7	702	719	1610		2367			
HEF 8	805	822	1870		2730			
HEF 9	907	924	2140		3102			
HEF 10	1011	1028	2420		3486			

/ MINIMUM DIMENSIONS

h'ecoflex conveyors, with 2 curves of 90° in the same direction or 1 curve of 180°



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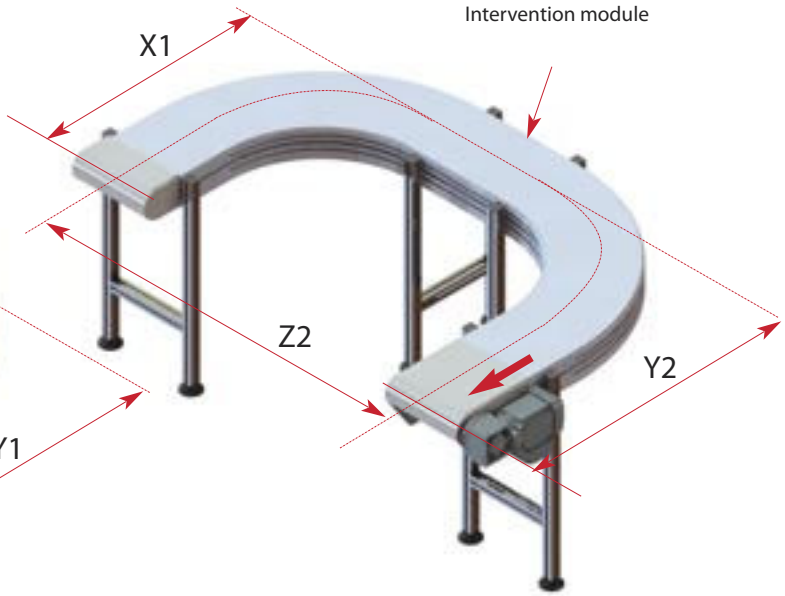
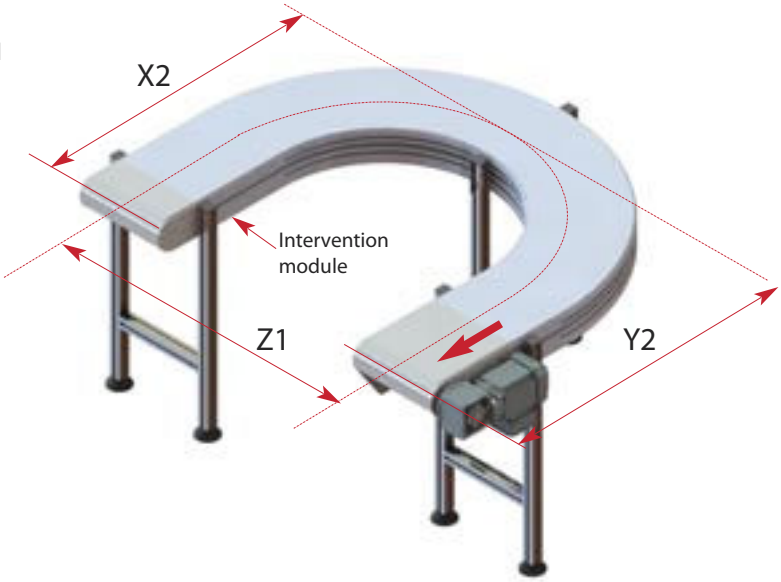


5

3 possibilities, depending on the position of the intervention module:
- between the curve and the drive module, dimensions X1, Y1 and Z1 (figure 4)
- between the 2 curves, dimensions X1, Y2, and Z2 (Figure 5)
- between the idler module and the 1st curve, dimensions X2 and Z1 (Figure 6).

The dimensions X and Y are on the previous page.

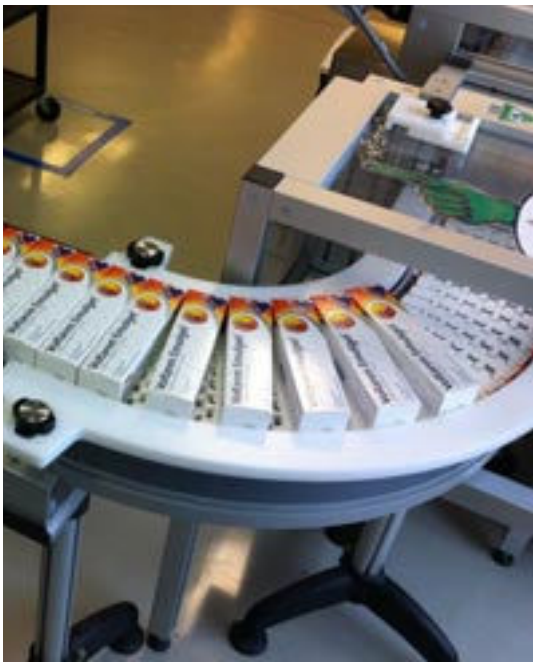
Consult our Design Office to validate these installations.

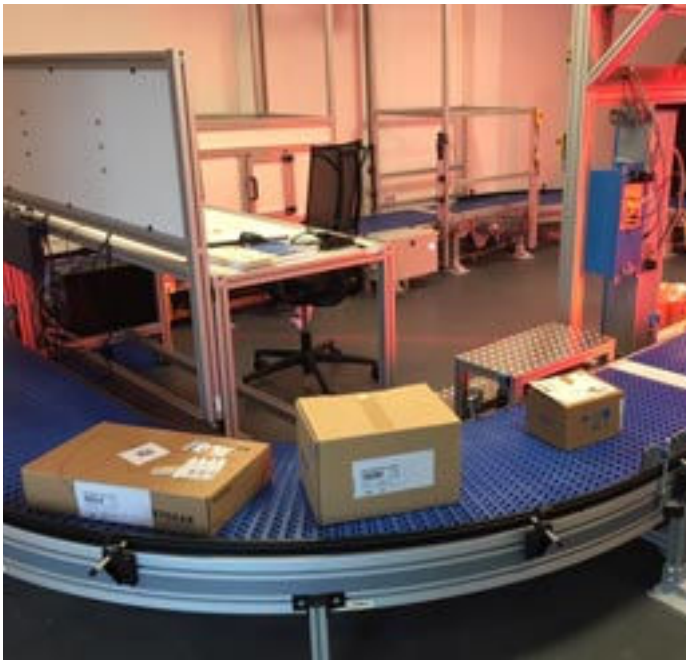


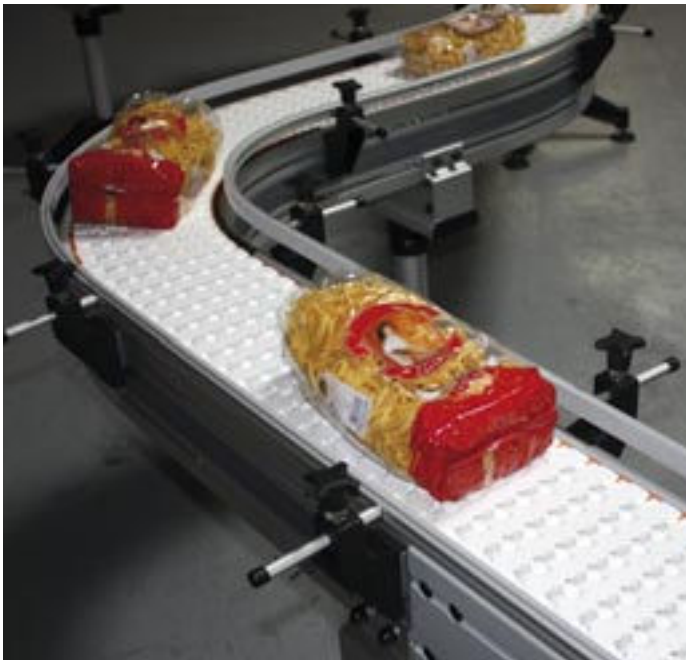
6

	Z1 min	Z2 min
HEF 1	520	820
HEF 2	810	1110
HEF 3	1100	1400
HEF 4	1700	2094
HEF 5	2200	2697
HEF 6	2840*	3280
HEF 7	3380*	3922
HEF 8	3900*	4545
HEF 9	4440*	5187
HEF 10	5000*	5851

* : ~~1x180°~~ 2x 90°







• FLEXTOO® Curved belt conveyor (heavy loads)

Tough and silent for conveying cartons & bulky products.

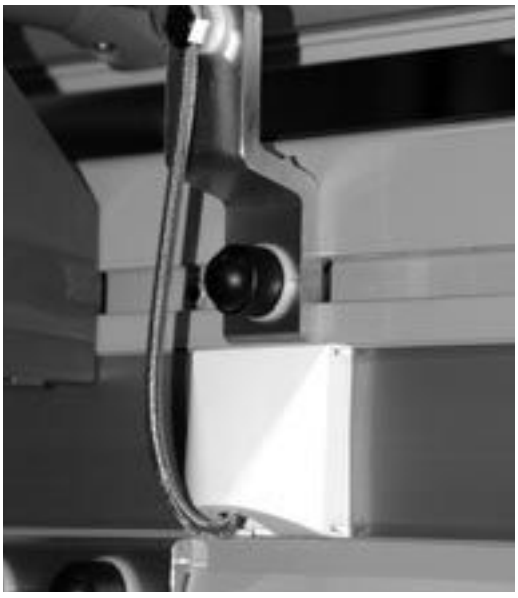
Flextoo is available in 5 widths:

227, 342, 418, 494, 647 mm

- Modularity.
- Robust structure and a very resistant belt permit complex and compact geometries.
- Silent.
- Optimum staff safety.
- Motorized transfers,
- Quick and easy maintenance

Designed for your installation requirements, FlexToo® conveyors are assembled and tested in our workshops.

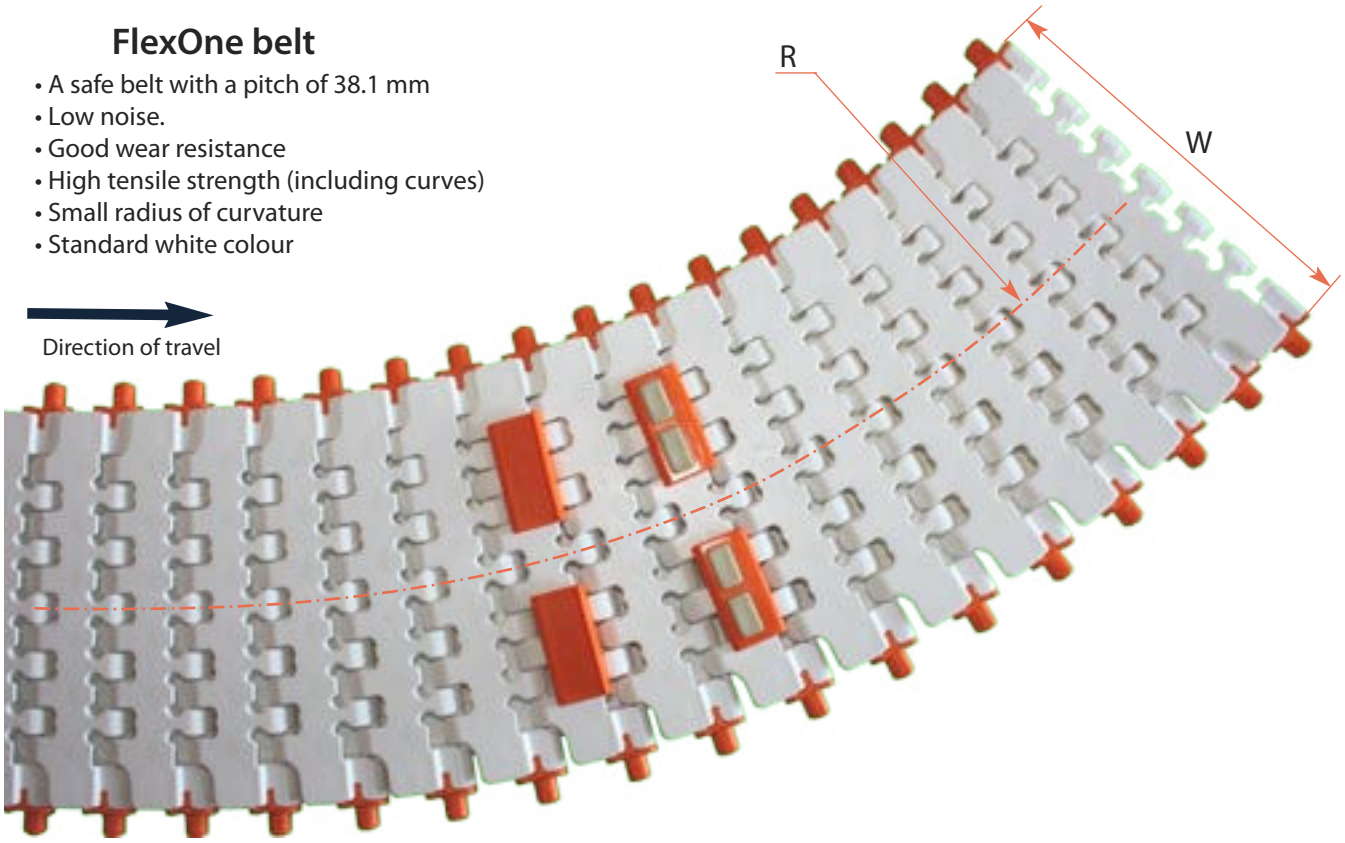
The many accessories (legs, guides, mountings, etc.) are common to all of our ranges and fit in the 2 lateral grooves.

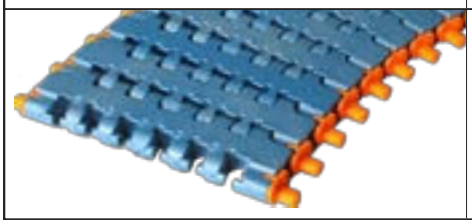
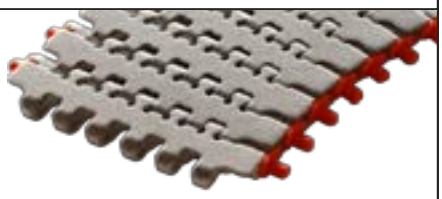


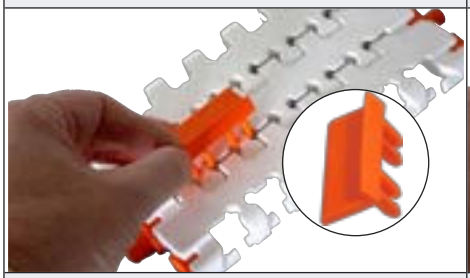
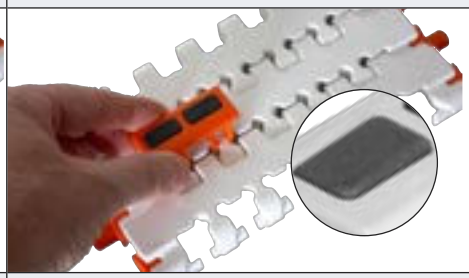
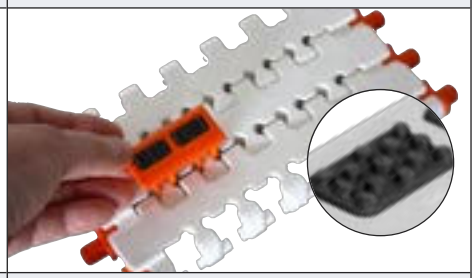
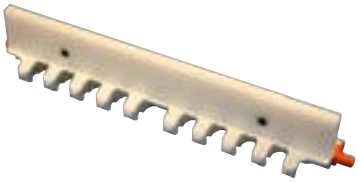
Cable raceways integral to the conveyor.

FlexOne belt

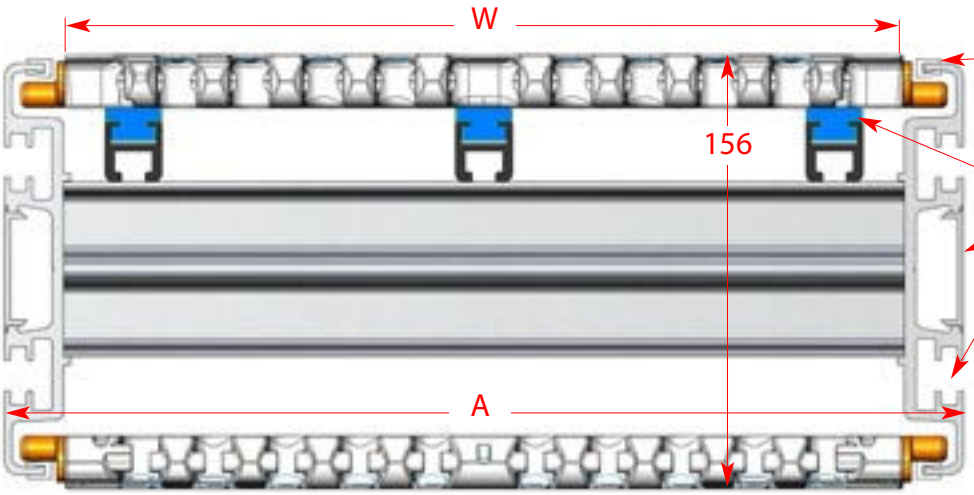
- A safe belt with a pitch of 38.1 mm
- Low noise.
- Good wear resistance
- High tensile strength (including curves)
- Small radius of curvature
- Standard white colour



Belt options	
Blue colour on request	Flocked velvet belt
	

Additional equipment for the belt		
FONE-BUTH10 stops (50x25 Ht 10) can be clipped onto the belt	**FONE-INSERT** anti-slip inserts (50x25 th. 5,5) can be clipped onto the belt	**FONE-INSERT-P** anti-slip short studded inserts (50x25 th. 6,7) can be clipped onto the belt
		
F2 1200 links (width 304.8 mm) with integrated stop height 25.4 - width 273 mm	link F2 1200 (width 304.8 mm) with integrated stop height 1.5 - width 5 mm	Possibility of specific stops or lugs on request.
		

Sectional view



Slip profile:

F2PG white
F2PG-N black
(inside of curves)

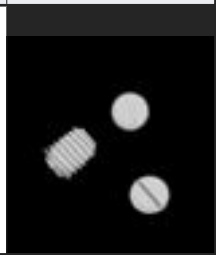
FL5BE

CRF2

Groove cover **FAAC 3P**
optional

	Belt, width W	maximum tensile force*	Conveyor, width A	Number of support profiles	Mean radius of curves R	number of drive gears	number of idler rolls
F2 750	190.5	2000 N	227	2	400	2	2
F2 1200	304.8	3400 N	342	3	640	4	4
F2 1500	381	3500 N	418	3	800	6	
F2 1800	457.2	3600 N	494	3	930		
F2 2400	609.6	3800 N	647	4	1180		6

* with slip profile made from special material in the inside of the curves.
See table at the end of the chapter for the allowable tensile force according to the speed of the belt.

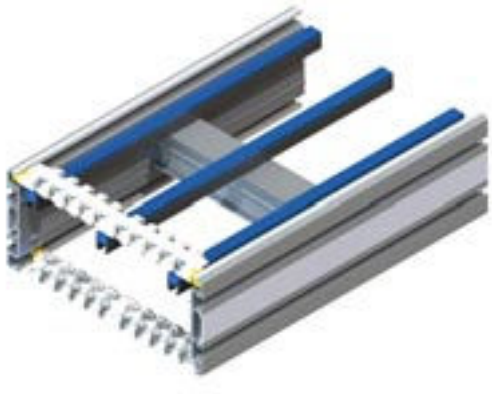
Drilling Templates	**Aluminum rivets** Smooth bore	**Installation screw press** for smooth rivets	Plastic grub screw, length 6mm:
GAB F2	**ALU. RIVET 3X6.5** Ø3 L6.5	**D3-F2 PRESS**	**PAST M4x6**
			

Straight modules

F2-xxxx-D...

(standard length 3m, others to order)

	Example of a Reference module length 3m
F2 750	**F2 750 D3000**
F2 1200	**F2 1200 D3000**
F2 1500	**F2 1500 D3000**
F2 1800	**F2 1800 D3000**
F2 2400	**F2 2400 D3000**



FACS 25x140A connecting fish plates not included

/ CURVED MODULES

Horizontal curved modules

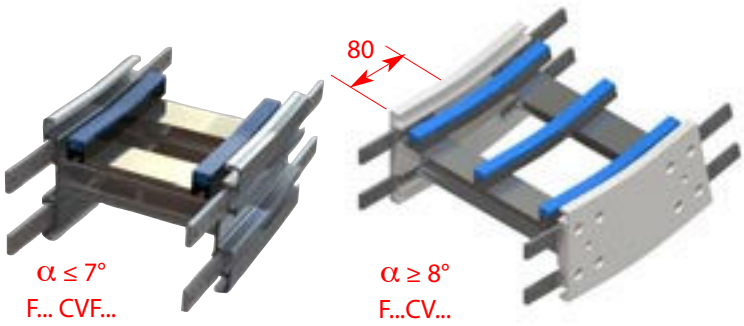
multiple angles of 15°, (others on request)

	Ex. of reference of a curve, 90°	Mean radius
F2 750	**F2 750 C400/90**	400
F2 1200	**F2 1200 C640/90**	640
F2 1500	**F2 1500 C800/90**	800
F2 1800	**F2 1800 C930/90**	930
F2 2400	**F2 2400 C1180/90**	1180

Connecting fish plates FACS 25x140A included

Vertical curved modules

mean radius 500 mm (angles on request)



	Ex. of the reference a 5° vertical curve	Ex. of the reference a 15° vertical curve
F2 750	**F2 750 CVF 5**	**F2 750 CV 500 15**
F2 1200	**F2 1200 CVF 5**	**F2 1200 CV 500 15**
F2 1500	**F2 1500 CVF 5**	**F2 1500 CV 500 15**
F2 1800	**F2 1800 CVF 5**	**F2 1800 CV 500 15**
F2 2400	**F2 2400 CVF 5**	**F2 2400 CV 500 15**

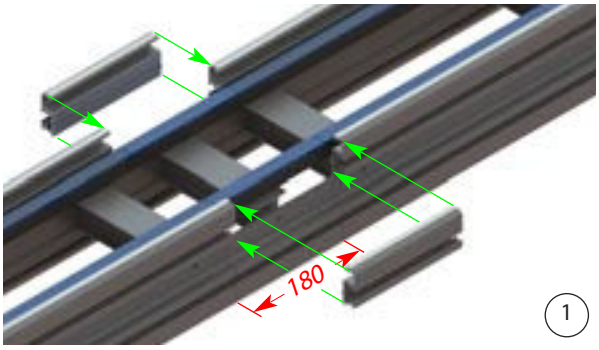
FACS 25x140A fish plates included

/ INTERVENTION MODULES

The F2-xxx-CC-180 module includes 1 removable area (above or below) allowing connection of the belt.
The F2-xxx-2CC-400 module contains 2 removable areas (above and below) allowing a long conveyor to be split for delivery while leaving the belt in place.
The belt support profiles are extended from the upstream and downstream modules.

	Intervention module reference	
	single *(Figure 1)*	double *(figure 2)*
F2 750	**F2 750 CC 180**	**F2 750 2CC 400**
F2 1200	**F2 1200 CC 180**	**F2 1200 2CC 400**
F2 1500	**F2 1500 CC 180**	**F2 1500 2CC 400**
F2 1800	**F2 1800 CC 180**	**F2 1800 2CC 400**
F2 2400	**F2 2400 CC 180**	**F2 2400 2CC 400**

FACS 25x140A connecting fish plates included



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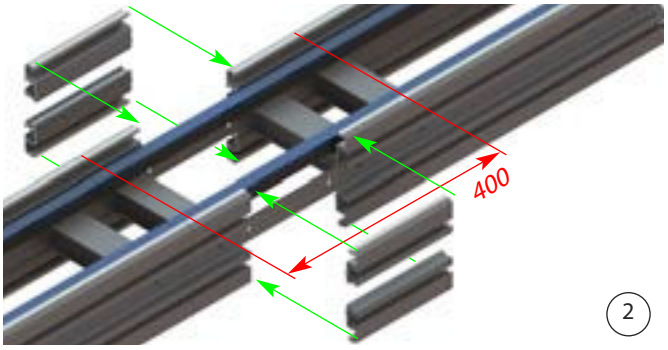
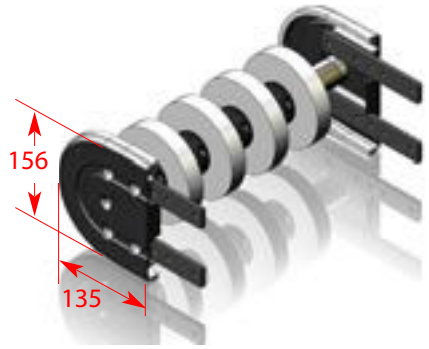


2

/ IDLER AND TRANSFERS END MODULES

Standard idler module

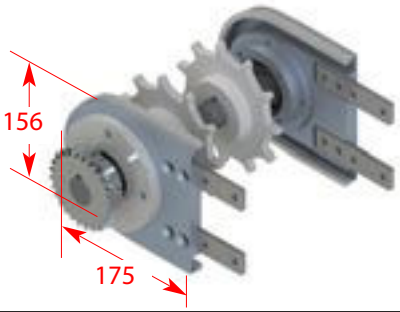


	Reference idler module
F2 750	**F2 750 R**
F2 1200	**F2 1200 R**
F2 1500	**F2 1500 R**
F2 1800	**F2 1800 R**
F2 2400	**F2 2400 R**

FACS 25x140A connecting fish plates included

Idler module with sprockets

- for motorised transfer at conveyor input
- for dusty conditions



	Reference idler module	ditto for NTB transfer on the left	ditto for NTB transfer on the right
F2 750	**F2 750 RP**	**F2 750 RPG NTB**	**F2 750 RPD NTB**
F2 1200	**F2 1200 RP**	**F2 1200 RPG NTB**	**F2 1200 RPD NTB**
F2 1500	**F2 1500 RP**	**F2 1500 RPG NTB**	**F2 1500 RPD NTB**
F2 1800	**F2 1800 RP**	**F2 1800 RPG NTB**	**F2 1800 RPD NTB**
F2 2400	**F2 2400 RP**	**F2 2400 RPG NTB**	**F2 2400 RPD NTB**

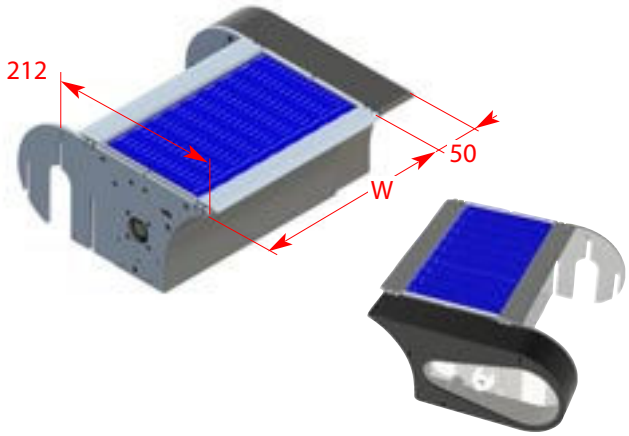
FACS 25x140A connecting fish plates included

Motorised transfers

For idler module ...-RP above or drive module
(not compatible with lugs or anti-slips inserts).
These transfers are recommended at up to 15 m/min.

Tilt roller transfer

(not compatible with lugs or anti-slips inserts)



	Reference of the transfer to be fixed to Idler or GP drive modules	
	at the start of the Flextoo	between Flextoo
F2 750	**F2 750 TG1RI**	**F2 750 TG2RI**
F2 1200	**F2 1200 TG1RI**	**F2 1200 TG2RI**
F2 1500	**F2 1500 TG1RI**	**F2 1500 TG2RI**
F2 1800	**F2 1800 TG1RI**	**F2 1800 TG2RI**
F2 2400	**F2 2400 TG1RI**	**F2 2400 TG2RI**

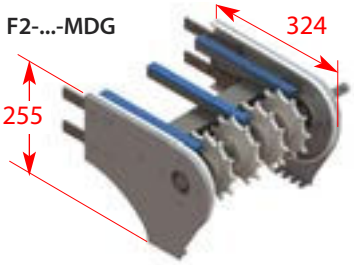
	W	Transfer reference to be fixed to idler modules	
		transmission on the left	transmission on the right
F2 750	249	**F2 750 TMGR NTB**	**F2 750 TMDR NTB**
F2 1200	357	**F2 1200 TMGR NTB**	**F2 1200 TMDR NTB**
F2 1500	433	**F2 1500 TMGR NTB**	**F2 1500 TMDR NTB**
F2 1800	510	**F2 1800 TMGR NTB**	**F2 1800 TMDR NTB**
F2 2400		**F2 2400 TMGR NTB**	**F2 2400 TMDR NTB**

	Transfer reference to be fixed to drive modules	
	at the start of the Flextoo	between Flextoo
F2 750	**F2 750 TG1MI**	**F2 750 TG2MI**
F2 1200	**F2 1200 TG1MI**	**F2 1200 TG2MI**
F2 1500	**F2 1500 TG1MI**	**F2 1500 TG2MI**
F2 1800	**F2 1800 TG1MI**	**F2 1800 TG2MI**
F2 2400	**F2 2400 TG1MI**	**F2 2400 TG2MI**

	Transfer reference to be fixed to drive modules	
	on F2...MDD20	on F2...MDG20
F2 750	**F2 750 TMGM NTB**	**F2 750 TMDM NTB**
F2 1200	**F2 1200 TMGM NTB**	**F2 1200 TMDM NTB**
F2 1500	**F2 1500 TMGM NTB**	**F2 1500 TMDM NTB**
F2 1800	**F2 1800 TMGM NTB**	**F2 1800 TMDM NTB**
F2 2400	**F2 2400 TMGM NTB**	**F2 2400 TMDM NTB**

Direct drive modules (flanged motors)

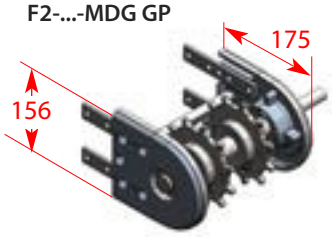
F2-...-MDG



F2-...-MDD

With slack strand L = 324 mm, shaft Ø20-25-30		
	Reference motor on the left	Reference motor on the right
F2 750	**F2 750 MDG...**	**F2 750 MDD...**
F2 1200	**F2 1200 MDG...**	**F2 1200 MDD...**
F2 1500	**F2 1500 MDG...**	**F2 1500 MDD...**
F2 1800	**F2 1800 MDG...**	**F2 1800 MDD...**
F2 2400	**F2 2400 MDG...**	**F2 2400 MDD...**

F2-...-MDG GP



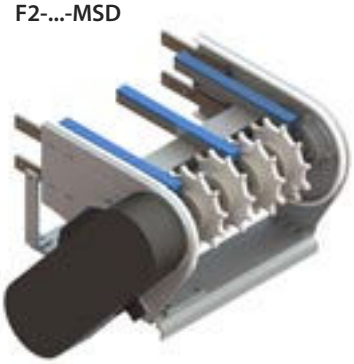
F2-...-MDD GP

Ohne Leertrum L = 175 mm, Welle Ø20-25-30		
	Reference motor on the left	Reference motor on the right
F2 750	**F2 750 MDG GP**	**F2 750 MDD GP**
F2 1200	**F2 1200 MDG GP**	**F2 1200 MDD GP**
F2 1500	**F2 1500 MDG GP**	**F2 1500 MDD GP**
F2 1800	**F2 1800 MDG GP**	**F2 1800 MDD GP**
F2 2400	**F2 2400 MDG GP**	**F2 2400 MDD GP**

Drive modules with transmission (motors with protruding shaft)

F2-...-MSG

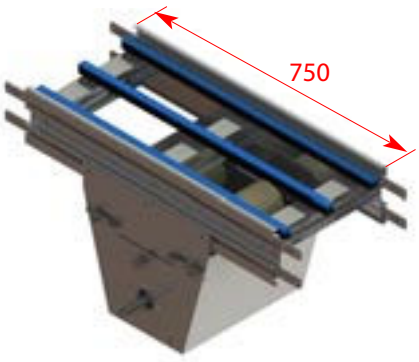
F2-...-MSD



Reference conveyor	Reference Transm. on the left	Reference Transm. on the right
F2 750	**F2 750 MSG20**	**F2 750 MSD20**
F2 1200	**F2 1200 MSG20**	**F2 1200 MSD20**
F2 1500	**F2 1500 MSG20**	**F2 1500 MSD20**
F2 1800	**F2 1800 MSG20**	**F2 1800 MSD20**
F2 2400	**F2 2400 MSG20**	**F2 2400 MSD20**

Intermediate drive modules

Symmetrical construction to position the motor on the preferred side.
Both directions of operation are possible.



	Module
F2 750	**F2 750 MIDD20**
F2 1200	**F2 1200 MIDD20**
F2 1500	**F2 1500 MIDD20**
F2 1800	**F2 1800 MIDD20**
F2 2400	**F2 2400 MIDD20**

Belt drive sprockets: 11 teeth, pitch 38.1 mm i.e. a ØP = 135.2 mm.
FACS 25x140A connecting fish plates included in the modules on this page

/ FLEXTOO® CONVEYORS

Straight or with 1 curve, 90°: Minimum dimensions

figure 1

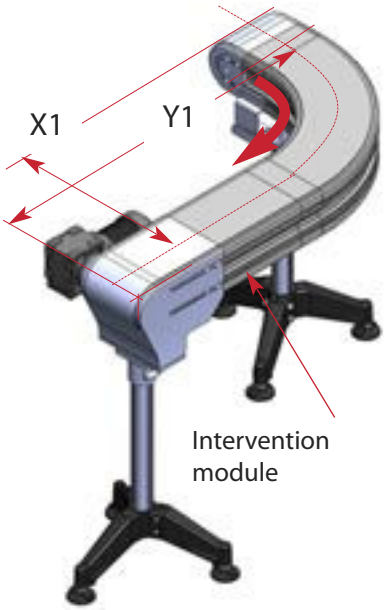


figure 2

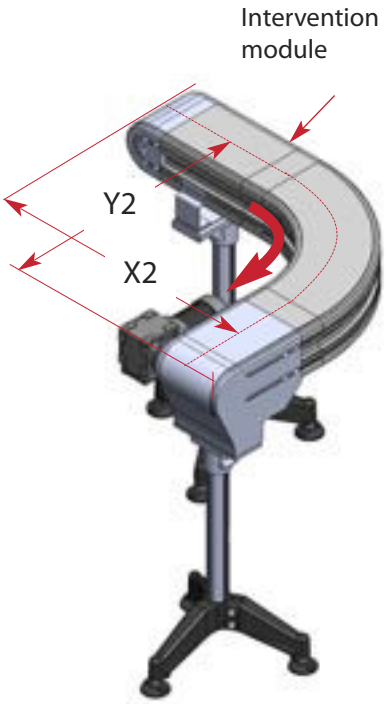


figure 3

2 possibilities, depending on the position of the intervention module:
- between the curve and the drive module, dimensions X1 and Y1 (figure 2)
- between the idler module and the curve, dimensions X2 and Y2 (Figure 3).

Please consult our Design Office to validate these installations.

Dimensions C and C2 are for drive modules without slack strands (... GP)

Conveyor	Belt width	Conveyor width	Mean radius of curves	L min	X1 min	Y1 min	X2 min	Y2 min
F2 750	190	227	400	490	666	830	790	666
F2 1200	304.8	342	640		1020	1070	1030	1020
F2 1500	381	418	800		1256	1256	1256	1256
F2 1800	457.2	494	930		1462	1462	1462	1462
F2 2400	609.6	647	1180		1865	1865	1865	1865

/ FLEXTOO® CONVEYORS

Minimum dimensions with 2 curves of 90° in the same direction or 1 curve of 180°

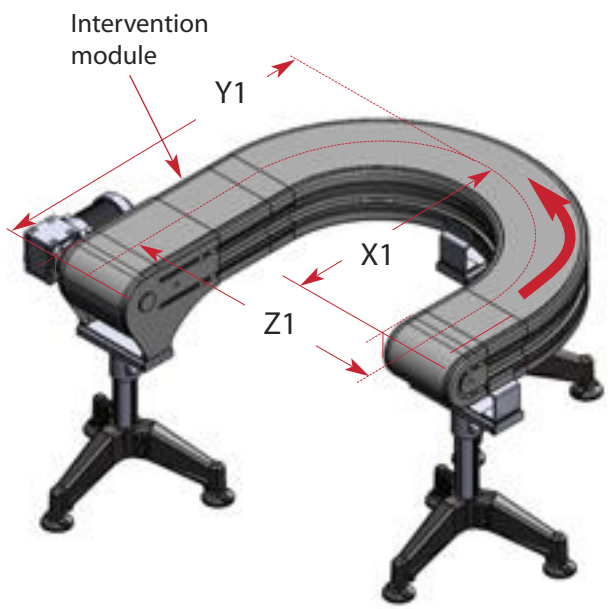


figure 4

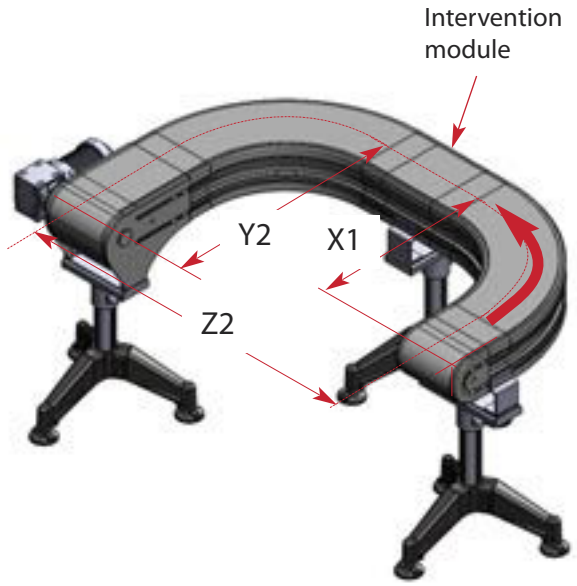


figure 5

3 possibilities, depending on the position of the intervention module:
- between the curve and the drive module, dimensions X1, Y1 and Z1 (figure 4)
- between the 2 curves, dimensions X1, Y2, and Z2 (Figure 5)
- between the idler module and the 1st curve, dimensions X2 and Z1 (Figure 6).

The dimensions X and Y appear on the previous page.

Consult our Design Office to validate these installations.

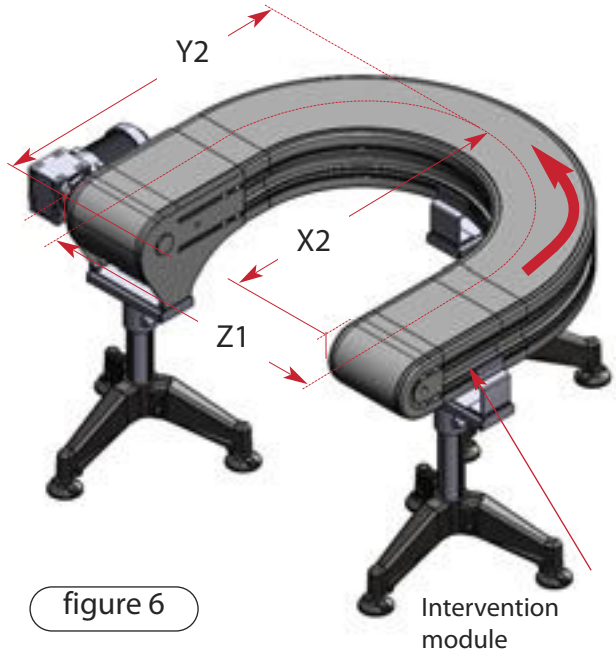


figure 6

Conveyor	Z1 min	Z2 min
F2 750	800	1120
F2 1200	1280	1600
F2 1500	1600	1920
F2 1800	1860	2180
F2 2400	2360	2680

/ FLEXTOO® CONVEYORS

Minimum dimensions with 2 curves of 90° in the opposite direction

figure 7

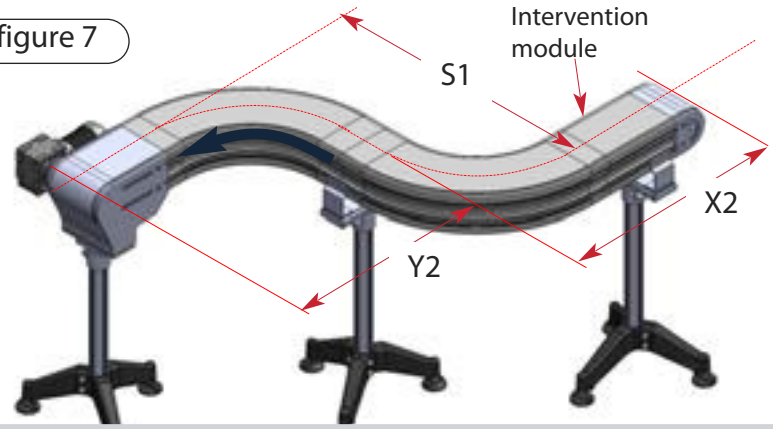


figure 8

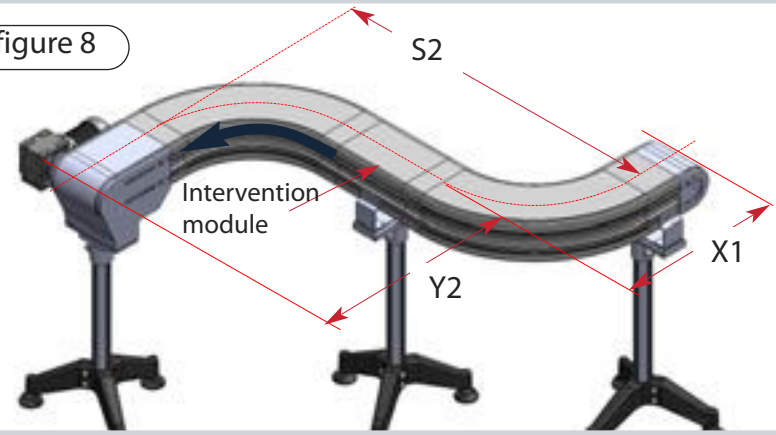
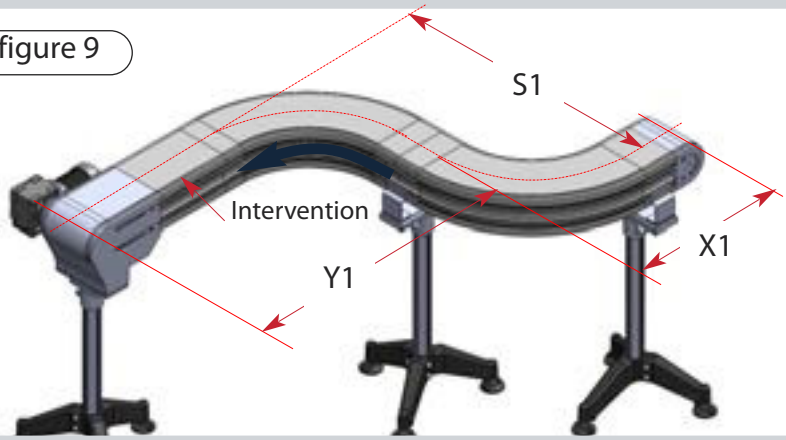


figure 9



3 possibilities, depending on the position of the intervention module:

- between the idler module and the 1st curve
dimensions X2, Y2, and S1 (Figure 7)

- between the 2 curves, dimensions X1, Y2, and S2 (Figure 8)

- between the 2nd curve and the drive module, dimensions X1, Y1 and S1 (figure 9)

Consult our Design Office to validate these installations.

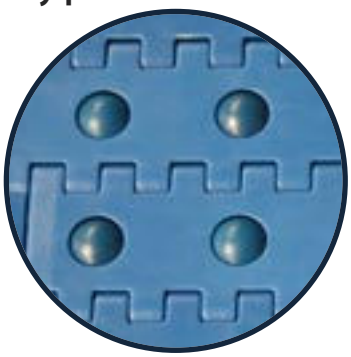
Other combinations are possible; please do not hesitate to ask us.

Dimensions Y1 and Y2 are for drive modules without slack strands (... GP)

Conveyor	Belt width	Conveyor width	Average radius of curves	X1 min	Y1 min	X2 min	Y2 min	S1 min	S2 min
F2 750	190	227	400	666	830	790	666	991	1130
F2 1200	304.8	342	640	1020	1070	1030	1020	1585	1610
F2 1500	381	418	800	1256	1256	1256	1256	1981	1981
F2 1800	457.2	494	930	1462	1462	1462	1462	2317	2317
F2 2400	609.6	647	1180	1865	1865	1865	1865	2970	2970

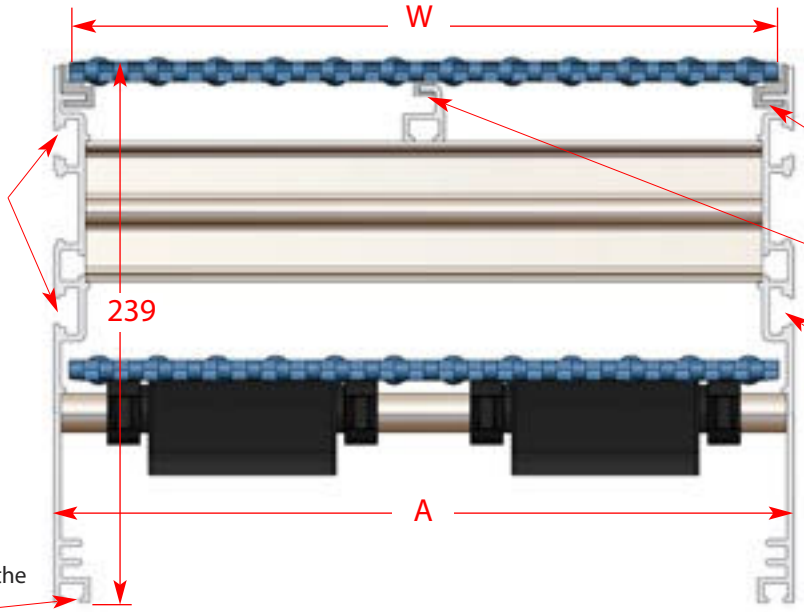
• CAB: Straight belt conveyors & with belt with functions

Tough and silent for conveying and handling boxes & hard base bulky products.



CAB is available in several widths:
see table on the next page)
• Modularity.
• Tough structure,
• Silent.
• Optimum staff safety.
• Quick and easy maintenance.
• Multidirectional ball belt, pitch 25.4 Very strong:
Handling functions achievable thanks to
or several conveyors integrated in the structure (as from the CAB 15 QNB version):
• Referencing on a fixed edge, 90° transfer
• Ejection of non-compliant products,
• Creation of a pitch between the products, reduction of the gap between products,
stoppage of the product on the running conveyor,
reversing the direction of feed of the product
• Product rotation
It is possible to integrate several functions
in a same feeder, depending
on the length available.

Sectional view



Many accessories
(guides, supports, etc.)
are common to all our
ranges and are fixed
in the 2 side grooves.

Slip profiles:

CAB PG white PEHD

F2PG white HDPE

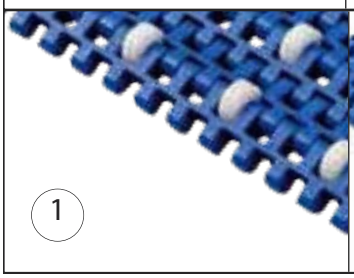
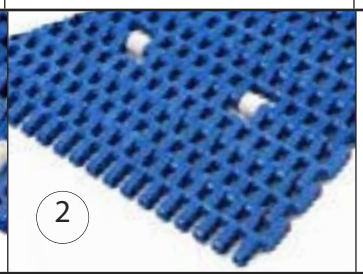
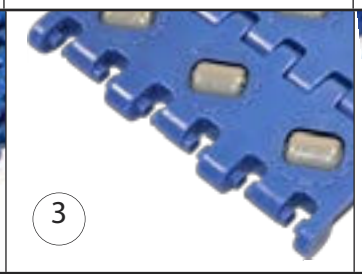
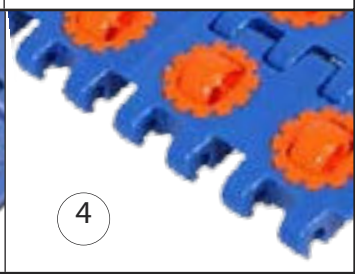
Groove cover **FAAC 3P**
optional

Lower groove for attaching the
legs (HM6 screws)

/ CAB: BALL CONVEYORS AND ROLLER VARIANTS
DIMENSIONS, STRAIGHT MODULES

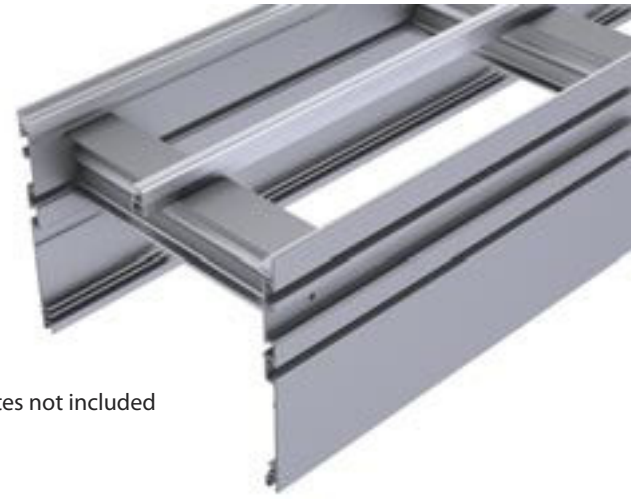
Belt width	Conveyor width (A)	Number of support profiles	QNB (ball) belt (previous page)	M-TTB belt figure 1	SNB M2 Roll belt figure 1	RTB belt figures 3 & 4
152.4 mm	163	1	CAB 6 QNB (*)	CAB 6 M-TTB	CAB 6 SNB M2R	CAB 6 RTB
203.2 mm	215		×	×	×	CAB 8 RTB
228.6 mm	240		CAB 9 QNB (*)	CAB 9 M-TTB	CAB 9 SNB M2R	×
254 mm	267		×	×	×	CAB 10 RTB
304.8 mm	316		CAB 12 QNB (*)	CAB 12 M-TTB	CAB 12 SNB M2R	CAB 12 RTB
355.6 mm	372		×	×	×	CAB 14 RTB
381 mm	392		CAB 15 QNB	CAB 15 M-TTB	CAB 15 SNB M2R	×
406.4 mm	420	2	×	×	×	CAB 16 RTB
457.2 mm	468		CAB 18 QNB	CAB 18 M-TTB	CAB 18 SNB M2R	CAB 18 RTB
508 mm	521		×	×	×	CAB 20 RTB
533.4 mm	547	3	CAB 21 QNB	CAB 21 M-TTB	CAB 21 SNB M2R	×
558.8 mm	572		×	×	×	CAB 22 RTB
609.6 mm	621		CAB 24 QNB	CAB 24 M-TTB	CAB 24 SNB M2R	CAB 24 RTB

The belt widths and the dimension A are for the QNB belt. They vary slightly compared with the other internal band conveyor belts (*) possible for CAB 15 QNB and others

Versions of the CAB under development			
M-TTB Pitch of 12.7 mm with rollers for accumulation	**SNB M2 Roll** Pitch of 25.4 mm with rollers for accumulation	**RTB M1** Pitch of 50.8 mm A belt with small swivellable rollers	• **RTB M2** • **RTB M2 Rubber (PU coated)** Pitch of 50.8 mm, belt with swivellable rollers
			

POM belt, PA66 balls; (other materials to order)
The RTB-M2 belt allows the products to be centred on the conveyor.

Straight modules
CAB…D...
(standard length 3m, others to order)

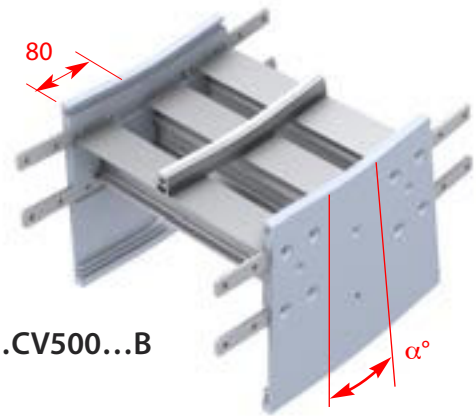


FACS 20x140A connection fish plates not included

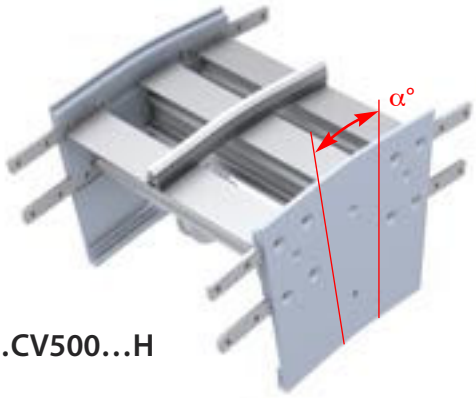
CAB

/ VERTICAL CURVED MODULES

mean radius 500 mm
(angles to order)

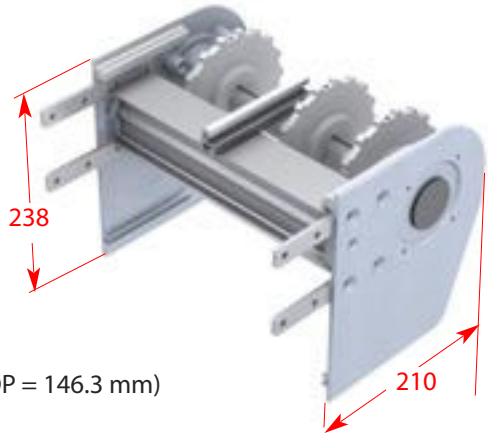


CAB…CV500…B

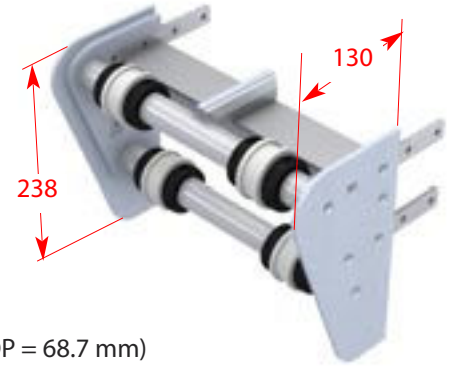


CAB…CV500…H

/ STANDARD & KNIFE EDGE IDLER MODULES



(ØP = 146.3 mm)

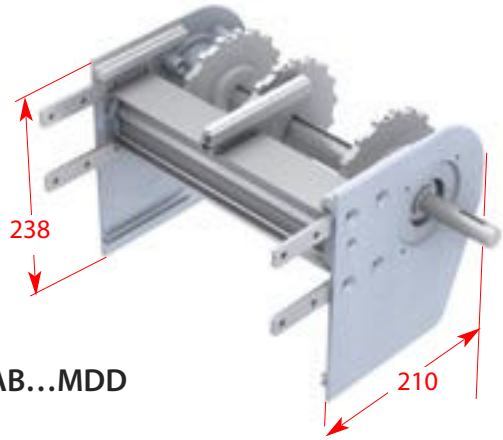


ØP = 68.7 mm)

/ DRIVE MODULES

Modules with slack strand
(Ø20 or Ø30 shaft)
18 tooth drive gears,
pitch 25.4 i.e.
ØP = 146.3 mm

CAB…MDG



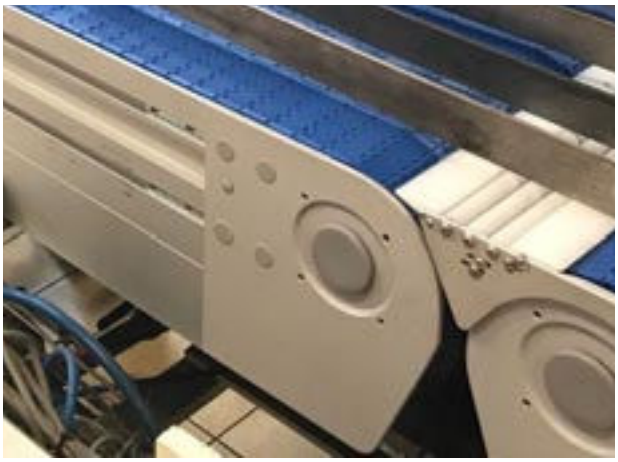
CAB…MDD

/ END TRANSFERTS

Not compatible with anti-slip lugs or inserts

CAB…TG1

CAB…TG2



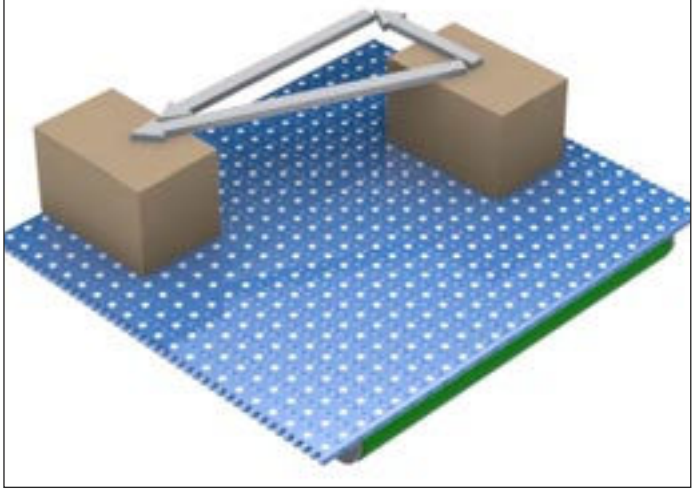
/ CAB: FUNCTIONS WITH THE QNB BALL BELT

Maximum unit weight of products handled: 18 kg

Lateral movement

Applications:

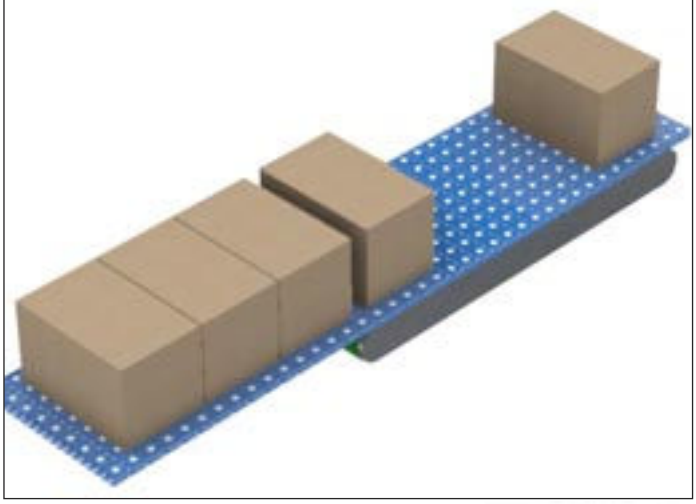
- Referencing on a fixed edge
- 90° transfer
- Ejection of non-compliant products



Variation in the conveying speed

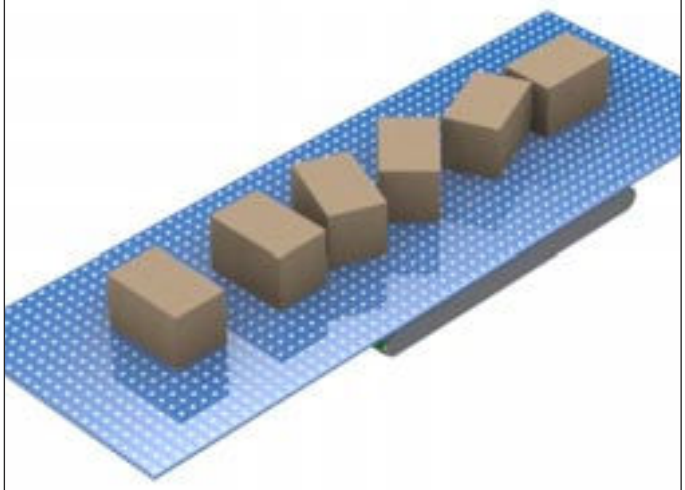
Applications:

- Creation of a pitch between products
- Reduction of the gap between products
- Stoppage of the product on the running conveyor
- Reversal of the direction of feed of the product

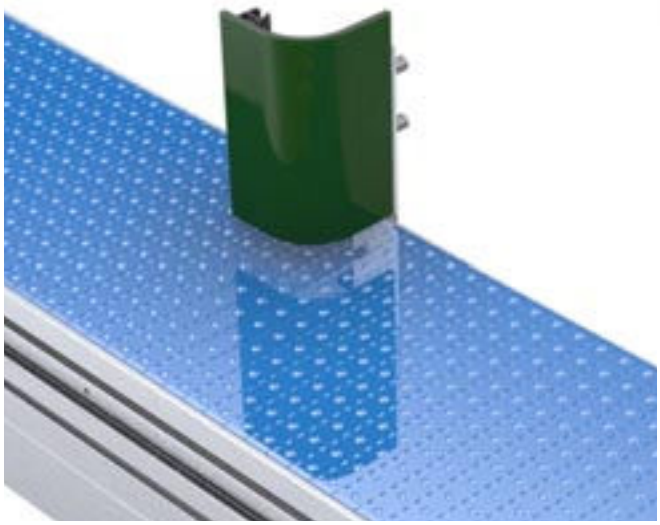


Rotational movements

- With two belt conveyors with different speeds placed in parallel in the structure



- With pivot stop



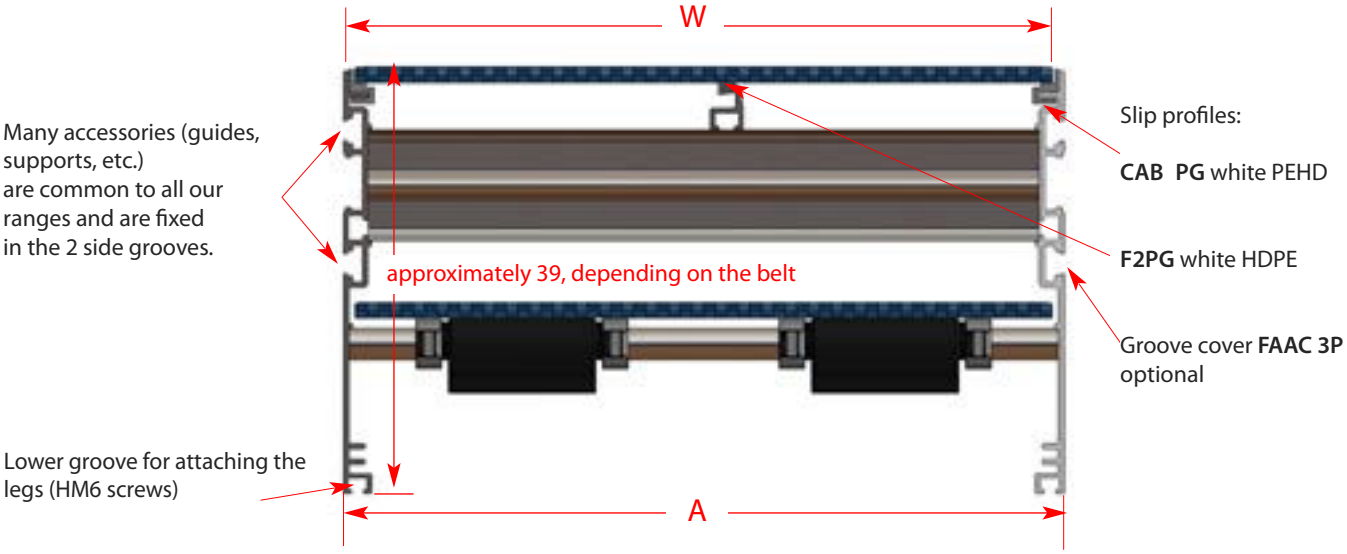
For these functions, our conveyors do not require compressed air.

- Energy saving
- Reduction of the installation costs
- Time saving in the fitting in the machine or the packaging line
- Possibility of including multiple functions on a single conveyor

Before any order, tests should be carried out in our workshops to validate the proposed functions.

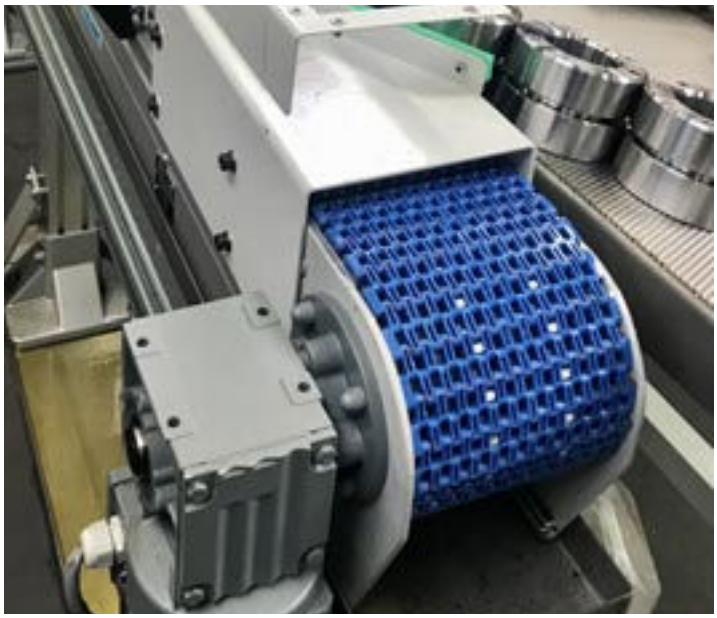
/ CAB-SB : Structure

Sectional view



Conveyor	Belt width	Conveyor width (A)	Number of support profiles	QNB, JCB, SNB M2, M-TTB and M-QNB belts
CAB-SB 6	152,4	163	0	✔
CAB-SB 9	228,6	240	1	✔
CAB-SB 12	304,8	316		✔
CAB-SB 15	381	392		✔
CAB-SB 18	457,2	468	2	✔
CAB-SB 21	533,4	547	3	✔
CAB-SB 24	609,6	621		✔

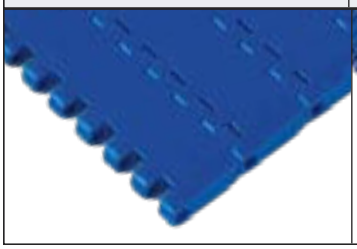
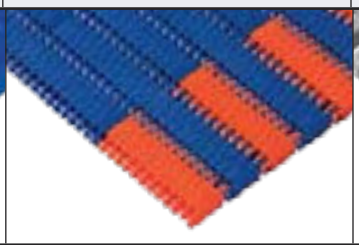
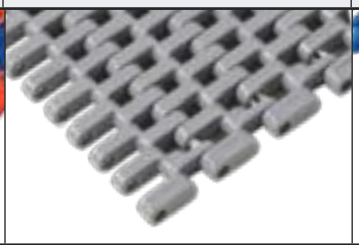
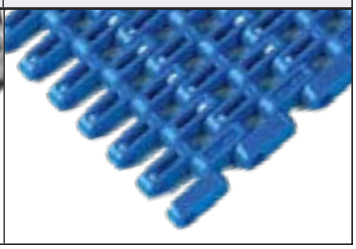
The belt widths and the dimension A vary slightly depending on the belt.

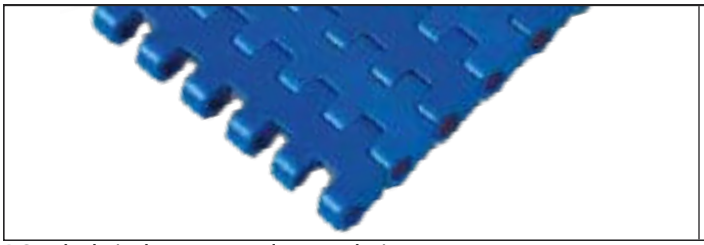
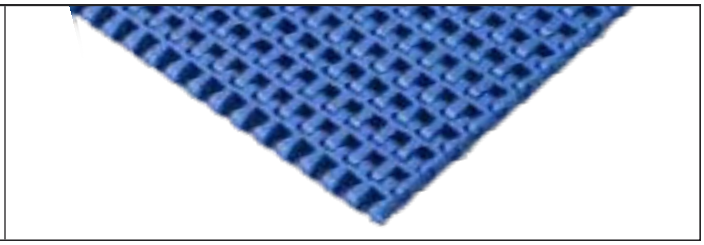


Tough and silent for conveying boxes & bulky products.

CAB-SB is available in several widths:
165 mm, 242 mm, 318 mm, 394 mm, 470 mm, 546 mm, 623 mm (beyond this to order)
- Modularity,
- Tough structure,
- Silent,
- Optimum staff safety,
- 3 types of belt available with a pitch of 25.4,
- Quick and easy maintenance,
- Conveyor length ≥ 570 mm.

CAB-SB: this is a range of conveyors equipped with smooth, openwork or closed belts

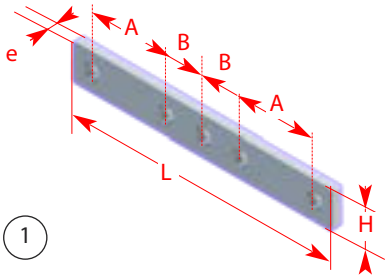
Versions of CAB-SB available: belt with a pitch of 25.4 mm			
QNB C closed belt	JCB Y closed belt	SNB M2 20%	SNB M2 34% openwork belt
			

Versions of CAB-SB under development: belt with a pitch of 12.7 mm	
M-QNB closed belt	M-TTB openwork belt
	

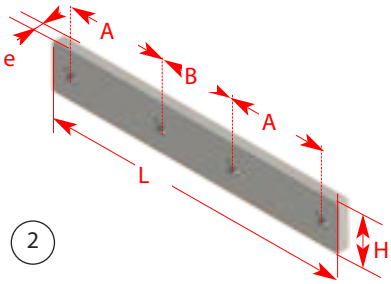
POM belt (other materials to order)

• Fish plates & groove covers

Zinc plated steel **fish plates**
HC screws included except (*)



1



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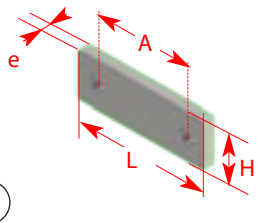
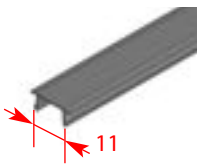


3

Reference	figure	e	H	L	A	B	Flex modules			Modules		Guides AC2A8, AT30; FGLB, FGLR, FGRR 3x20x12	Flex drip tray	FBCD cable ra-ceway	Channel FxDT	Foot base EC150 45
							FK	FS, FM, FC, FL	CM, FB 175 FB 295	h'eco-flex	Flex-too					
FACS 20x140	1	4	20	140	40	20	✔	✔		✔	✔				✔	
FACS 20x140A	2	5				40	✔	✔			✔				✔	
FACS 25x140A	1	6	25			20		✔			✔					
FACS 20x130A	2		19	130	35	40							✔	✔		
FACS 20x160			20	160	50				✔							
FACS 25x160			25					✔			✔					
FACS 25x70	3			70	40						✔					
FBCS 19x50 (*)		4,5	19	50	28											✔
FBCS 20x55 (*)		4,3	20	55	35		✔			✔						
FBCS 13x50		6	13	50	30							✔				

Groove cover



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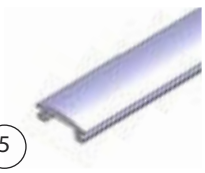
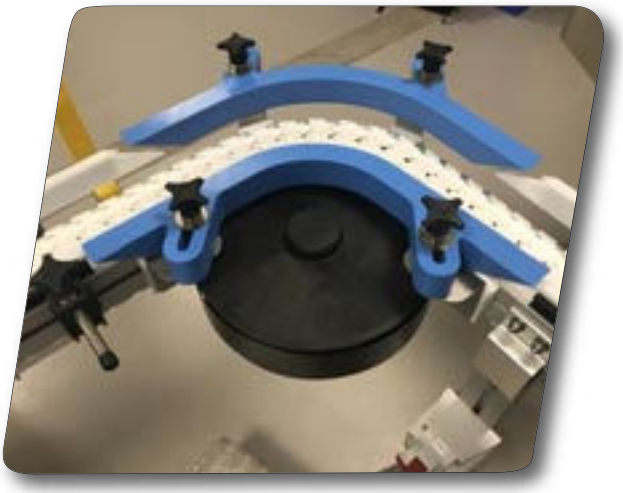
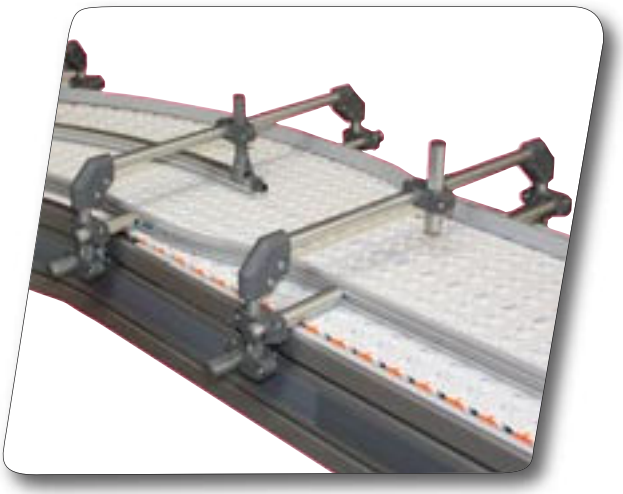

5

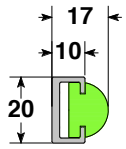
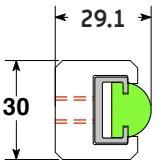
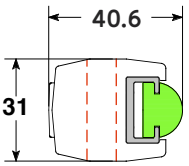
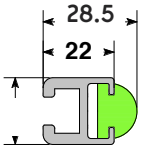
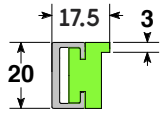
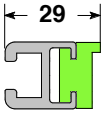
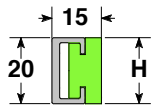
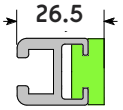
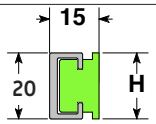
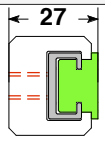
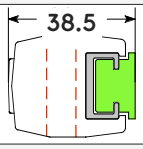
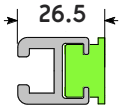
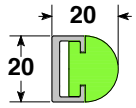
Reference	figure	Conveyor beams and sides			Structural tubes				
		KPS, SPS, MPS, CPS, FLCB	h'ecoflex	Flextoo CAB	TC64	FBSB...	TC44	TC44-88	TC88
FAAC 3P Rigid PVC, in 3 m bars FAAC 2 Aluminium in 2m bars	4	✔	✔	✔	✔	✔	✔	✔	✔
FASC 25 Flexible PVC, in 25 m rolls	5	✔			✔				

• GUIDES FOR CONVEYORS





/ SIDE GUIDE PROFILES WITH METAL FRAMES

Profiles	H	Contents and profile colours	Packaging	Observations	Frame and clamp (if compatible)			
					Frame: C2010X or C2010Z	idem + EL60 bracket	idem + EL92 bracket	Frame AC2A8 (aluminium)
FL1		in stock ✔ → R; N V T	3 m	Machined				
FL2		V N	3 m	Machined		X incompatible	X incompatible	
FL5	20	NE BE	approx. 50 m	Extruded		X incompatible	X incompatible	
FL5UH30	30	V N	3 m	Machined				
FL5UH40	40	V	3 m	Machined				
FL5S	20	V N	3 m	Machined				
FL5SH30	30	V N	3 m	Machined				
FL8		in stock ✔ → V	3 m	Extruded		X incompatible	X incompatible	

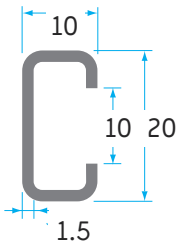
Guides

Materials of plastic profiles

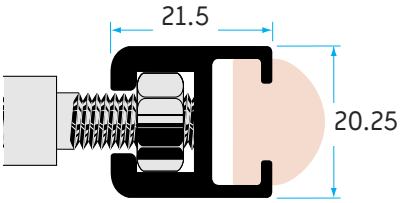
- B Natural High Density Polyethylene
- N Black High Density Polyethylene
- R Red High Density Polyethylene
- V Green High Density Polyethylene
- NA Black Anti-Static High Density Polyethylene
- BE OV Protect 7 blue (better slipping)
- T PTFE (Teflon®), length 1200 mm
- NE Black High Density Polyethylene Extruded

Other sizes and materials on request.

Metal frames above

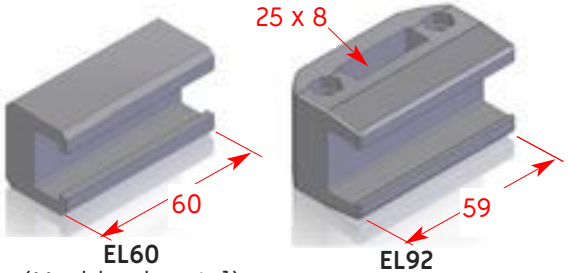


C2010Z
(zinc plated steel)
C2010X
(stainless steel)
0.49 kg/m



AC2A8
(Extruded black anodized aluminium)
Weight in kg/m: 0.51
H M8 standard fastenings

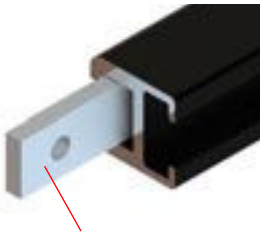
Plastic clamps for C2010 above



EL60
(Machined acetal)

EL92
(Moulded PA6)

Accessories for AC2A8 above



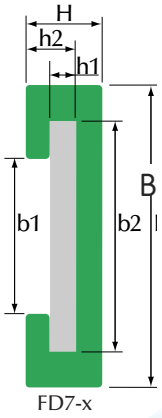
Fish plate **FBCS 13x50**
Groove cover **CR8N2**

Possibility of brush guides
Height 5 to 120 mm

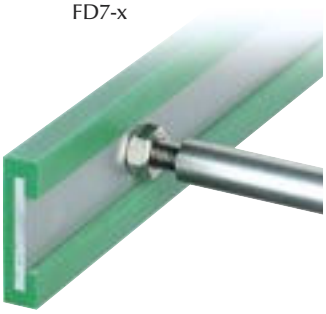
Side guide profiles FD7... for metal strip

Profile							Mild steel strip not supplied Dimensions
Ref.	B	H	b1	b2	h1	h2	
FD 7-1 V	40	10	20	31	3,5	7	30 x 3
FD 7-2	50	11	30	41	4,5	8	40 x 4
FD 7-3		15			8,5	12	40 x 8
FD 7-4 V	60	14	40	51	6,5	10	50 x 6
FD 7-5	70		50	61	5,5		60 x 5
FD 7-6	80		60	71			70 x 5
FD 7-7	82	12			3,5	8	70 x 3
FD 7-8	90	15	70	81	5,5	10	80 x 5
FD 7-9					6,5		80 x 6
FD 7-10	110		90	101			100 x 6

in stock



FD7-x



Example of installation:
with threaded pin (to be ordered separately) and steel or stainless steel strip (not supplied).

Materials and colours of the FD7-x profiles

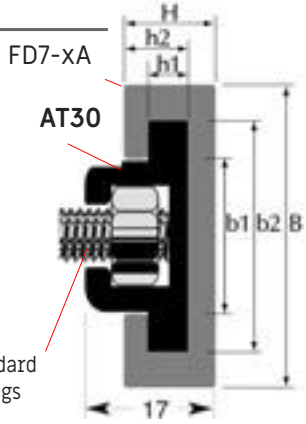
B N R V NA

Other sizes and materials on request.

Side guidance profiles for aluminium frame AT30

Profile							Frame, black anodised aluminium
Ref.	B	H	b1	b2	h1	h2	
FD 7-1A N	40	12	20,5	30,5	5,3	8,5	AT 30
FD 7-2A	50						
FD 7-4A	60						

in stock



Materials and colours of the FD7-xA profiles

B N R V NA

Other sizes and materials on request.


Fish plate FBCS-13x50
Groove cover CR8N2


Plastic part **FGPR FD100** in black POM for guides FD7-1A... in curves

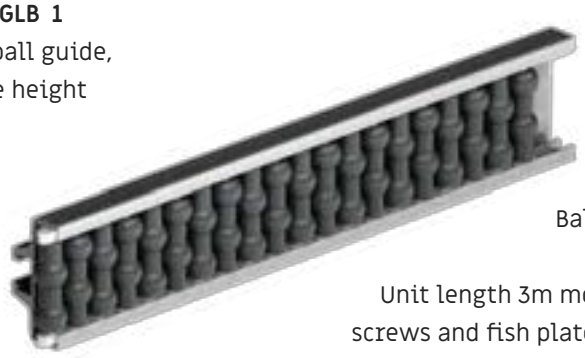
Stainless steel bar Ø12

Reference		Application
RI12	Stainless steel bar Ø12	Straight or curved side guide

Packaging: 3m bar

/ SIDE GUIDES AND INTERMEDIATE BALL AND ROLLER GUIDES (ALUMINIUM STRUCTURE)

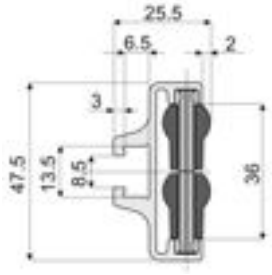
E.g.: **FGLB 1**
Side ball guide,
single height



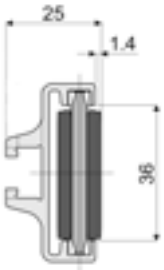
E.g.: **FGCR 2** Central roller guide,
double height

Balls and rollers,
pitch 12 mm,
Unit length 3m mounting by M8
screws and fish plates: **FBCS 13x50**
Groove cover **CR8G2**
Bends on request

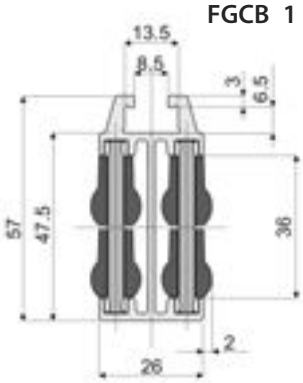
FGLB 1



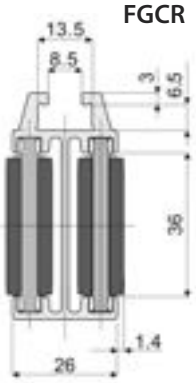
FGLR 1



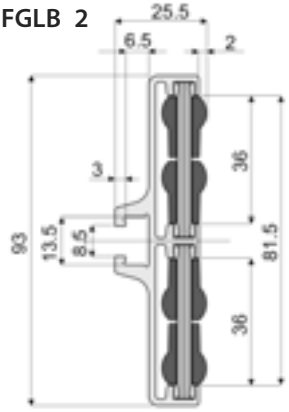
FGCB 1



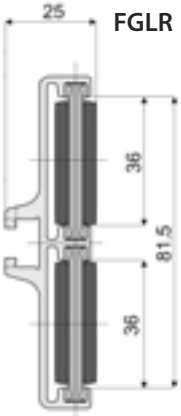
FGCR 1



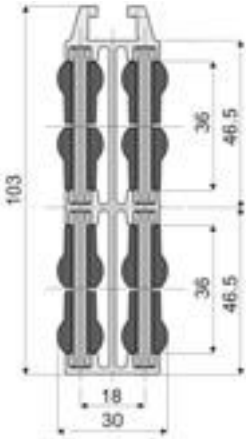
FGLB 2



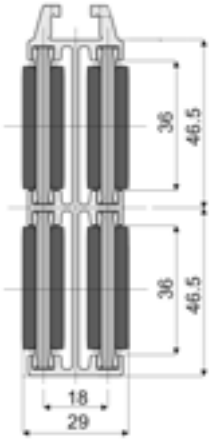
FGLR 2



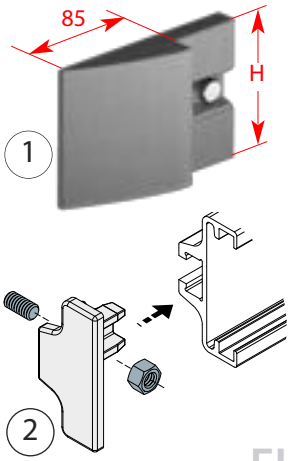
FGCB 2



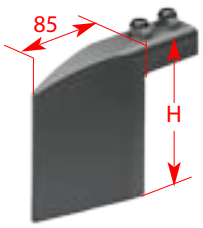
FGCR 2



Grey PE ends, stainless steel fastenings



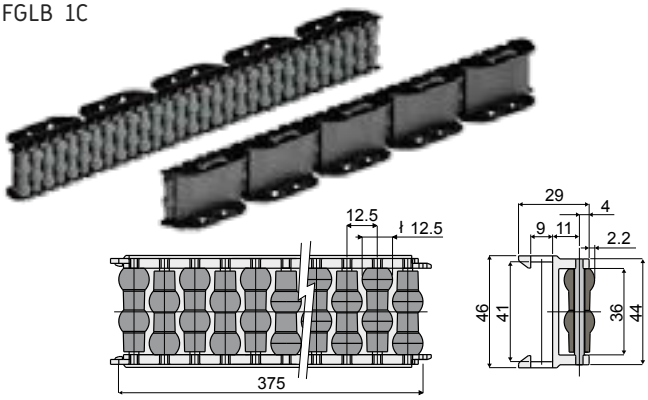
Reference	figure	H	Can be fitted on
FGEC L1	1	48	FGLB1 FGLR1
FGEC L1A	2		
FGEC L2	1	93	FGLB2 FGLR2



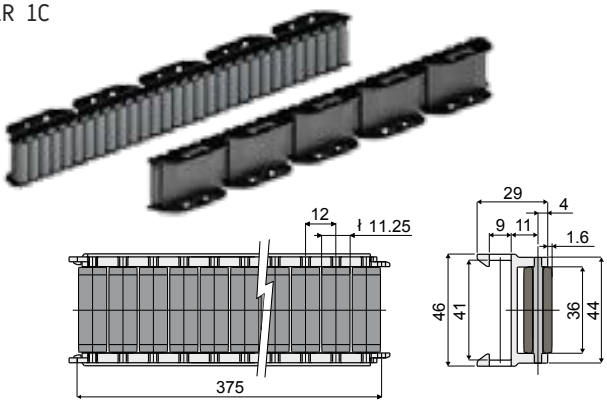
Reference	H	Can be fitted on
FGEC C1	62	FGCB1 FGCR1
FGEC C2	107,7	FGCB2 FGCR2

/ SIDE FORMABLE BALL AND ROLLER GUIDES* (STAINLESS STEEL FRAME)

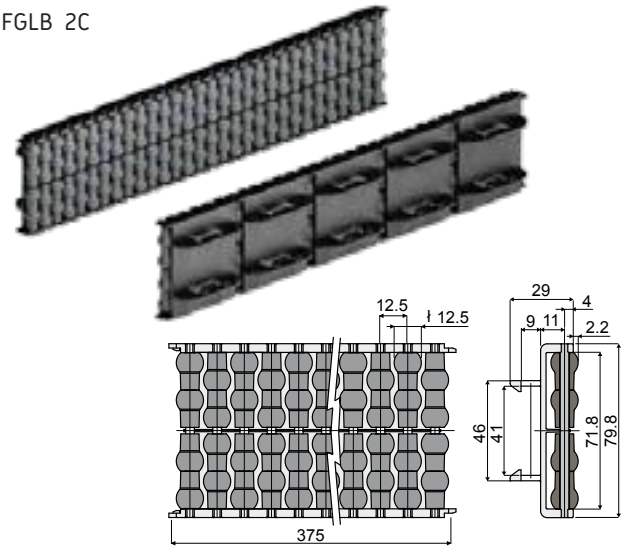
Side ball guide,
single height
FGLB 1C



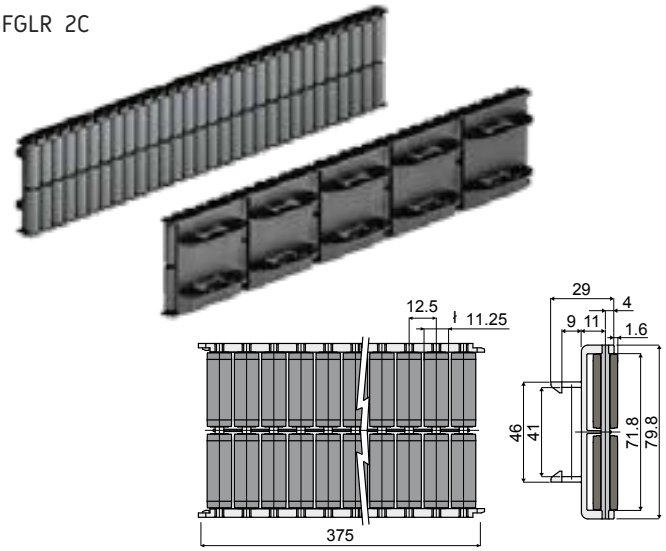
Side roller guide,
single height
FGLR 1C



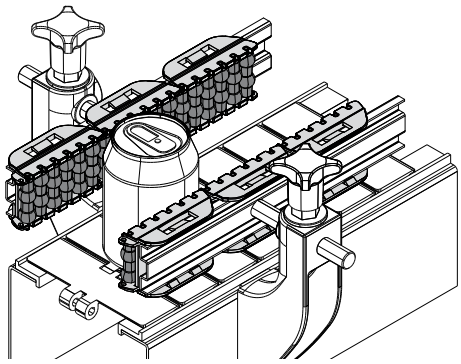
Side ball guide,
double height
FGLB 2C

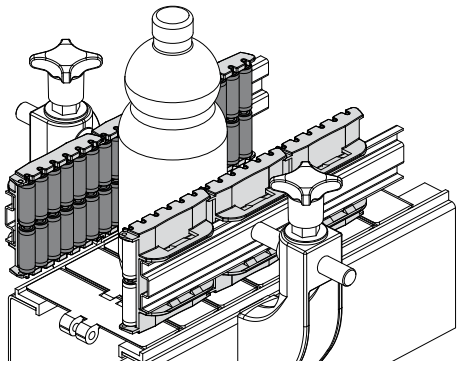


Side roller guide,
double height
FGLR 2C



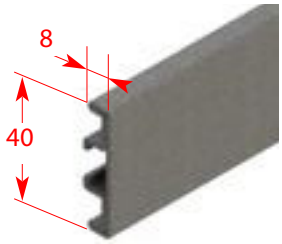
Examples of use





* minimum radii: inside 350 mm, outside 500mm

Stainless steel frame for the guides above
FGRRX 3x40x8
can also be used alone
as a side guide.

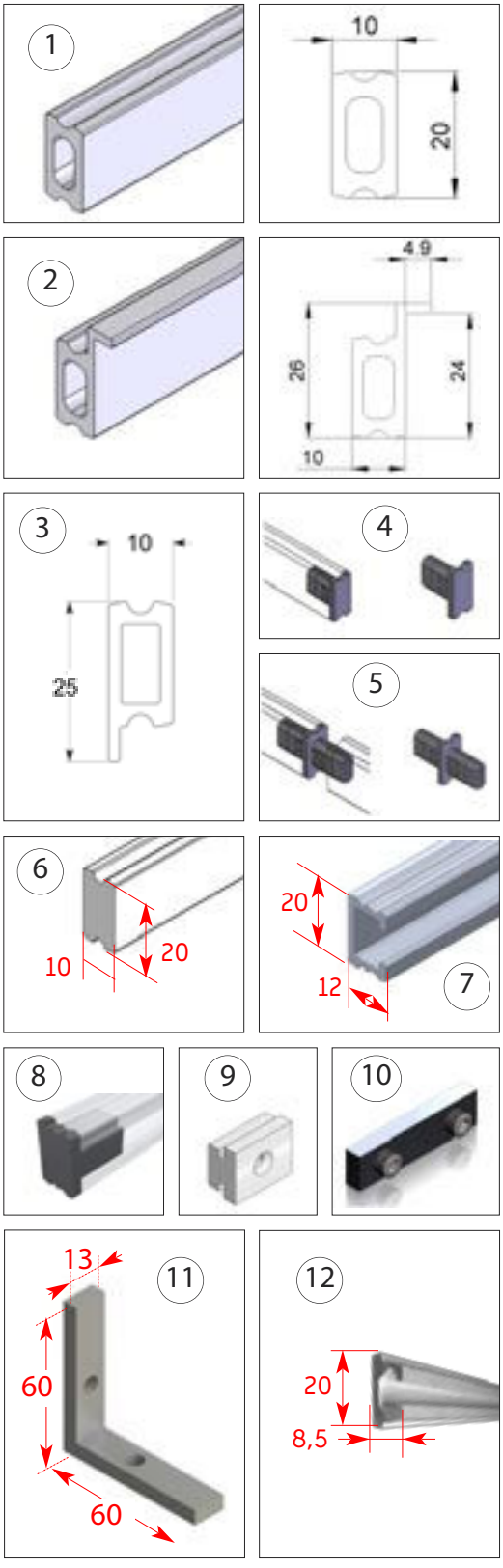


Groove for HM8 head,
Packaging: bar of 3m

Guides

/ SIDE GUIDE PROFILES

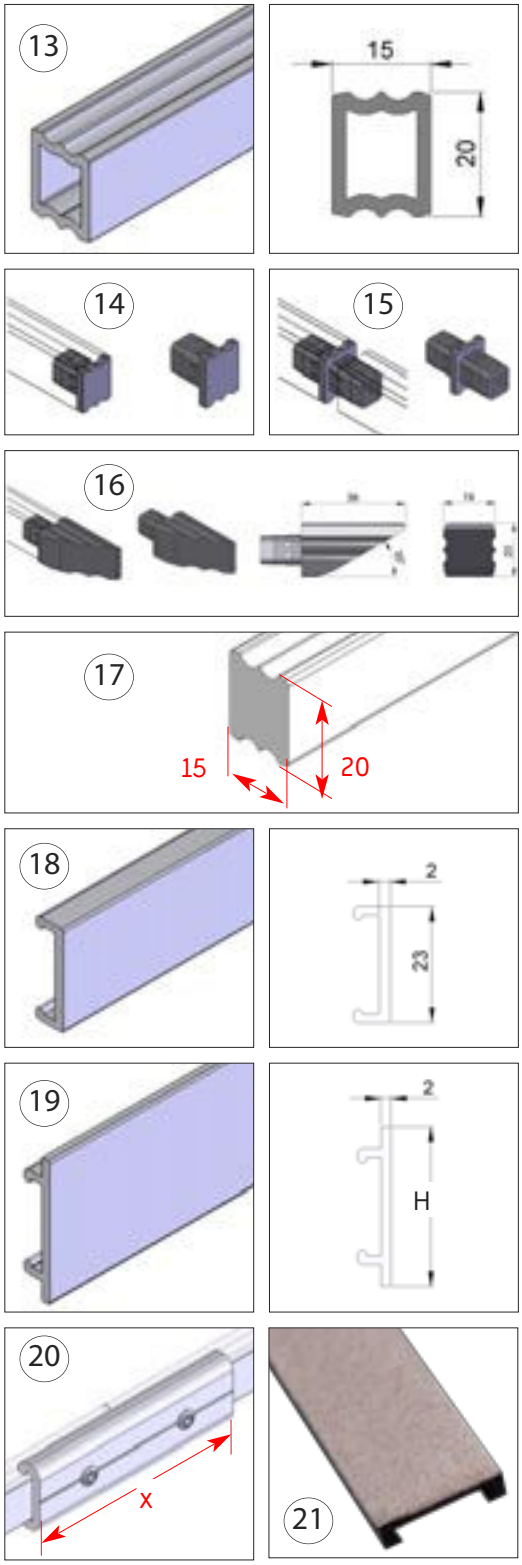
Reference / Packaging	Designation / material	Figure	Compatible with		
			profiles figure ...	ends figure ...	fastening
FGRR 3x20x10 3m bar	Natural anodised aluminium profile	1		4 & 5	brackets **FGRA** or **FGRB**
FGRR 3x20x10T 3m bar	Steel profile				
FGRR 3x20x10F 3m bar	Natural anodised aluminium profile	2	x	4 & 5	
FGRR 3x20x10B 3m bar		3			
FGEC 10x20	Grey plastic end	4			
FGRJ 10x20	Grey plastic junction	5			
FGRR 3x20x10P 3m bar	Profile for adjus-table curves in grey machined PE	6			brackets **FGRA** or **FGRB**
FGRR 3x20x12 3m bar	Natural anodised aluminium profile	7	18 & 19 (groove cover **CR8G2**)	8, 10 & 11	Screws HM8 or **FGRR FG25** fig. 9
FGEC 12x20	Grey plastic end	8			
FGRR FG25	Sliding slot for HM8	9			
FBCS 13x50	Splice for slot HM8	10			
FBRX 13	HM8 Slot Bracket	11			
FURS 3x8 3m bar	Natural anodised aluminium profile for F45 range	12	18 & 19		**please consult us**



We recommend placing at least a set of brackets every meter on the straight lengths, and 2 or 3 per curve.
For the transfer of heavy products, or 20 x 10 profiles, the intervals can be reduced.

/ SIDE GUIDE PROFILES

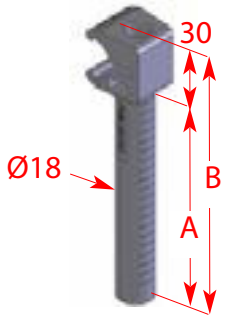
Reference / Packaging	Designation / material	Figure	Compatible with		
			profiles figure ...	ends figure ...	fastening
FGRRF 3x20x15 3m bar	Natural anodised aluminium profile	13	18 & 19	14, 15 & 16	brackets **FGRA** or **FGRB**
FGEC 15x20	Grey plastic end	14			
FGRJ 15x20	Grey plastic junction	15			
FGEC 30D	Grey plastic sloping end	16			
FGRR 3x20x15P 3m bar	Profile for adjustable curves in grey machined PE	17			brackets **FGRA** or **FGRB**
Protection profiles in bars of 3m. they prevent wear of the rail and direct contact of the products with the aluminium.					
FGRT 3x23 3m bar	Grey plastic	18			
FGRT 3x23A 3m bar	antistatic black-PEHD				
FGRT 3x33 3m bar	grey PEHD H = 33	19			
FGRT 3x33AN 3m bar	antistatic black-PEHD				
FGRT 3x50 3m bar	grey PEHD H = 50				
Colourless anodized aluminium fish plates, for joining FGRRF-3x20x15, FGRR 3x20x15P, FGRR 3x20x10, FGRR 3x20x10B, FGRR 3x20x10F, FGRR 3x20x10P and FGRR 3x20x10T Including grub screws.					
FGRC 60	X = 60	20			
FGRC 100	X = 100				
Flocked side guides: Production on request Acetal flocked POM Profiles		21			



Guides

Single vertical guide holder

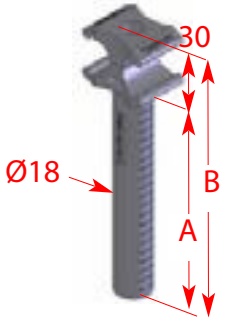
Material: PA6



Single guide Reference	A	B	ØM5 fastenings
FGRL 18x110C	110	140	Zinc plated steel
FGRL 18x160C	160	190	
SGRL 18x110C	110	140	Stainless steel
SGRL 18x160C	160	190	

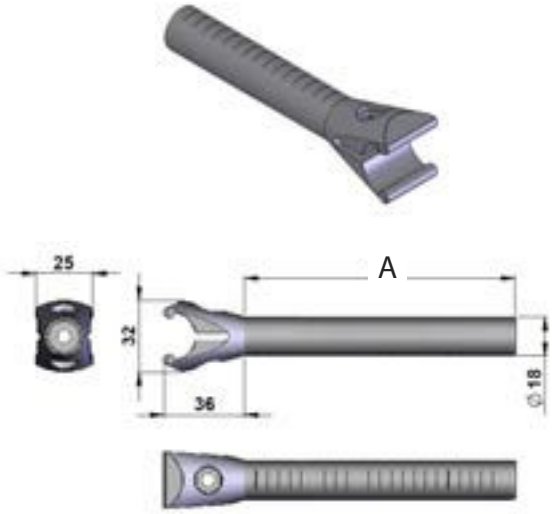
Double vertical guide holder

Material: PA6



Double guide Reference	A	B	ØM5 fastenings
FGRC 18x110C	110	140	Zinc plated steel
FGRC 18x160C	160	190	
SGRC 18x110C	110	140	Stainless steel
SGRC 18x160C	160	190	

Plastic guide holder pin

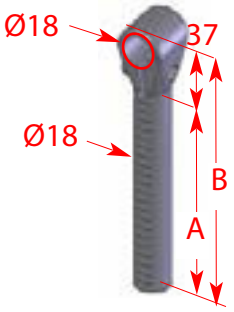


Reference	A	ØM5 fastenings
FGRK 18x40A	40	Zinc plated steel
FGRK 18x60A	60	
FGRK 18x80A	80	
FGRK 18x130A	130	
SGRK 18x80A	80	Stainless steel
SGRK 18x130A	130	

Guide holder bracket

Enables vertical adjustment of the Ø18 pin of the guide holder by tightening with an M5 screw provided.

Material: PA6

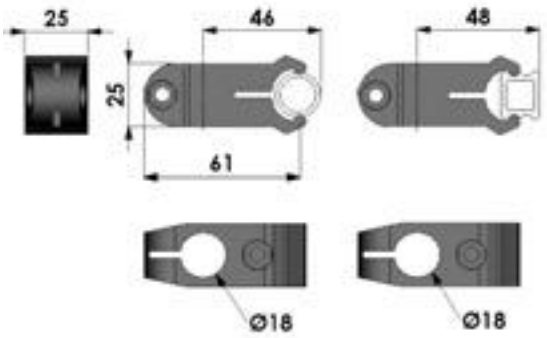


Reference	A	B	ØM5 fastenings
FGRL 18x110CA	110	147	Zinc plated steel
FGRL 18x160CA	160	197	
SGRL 18x110CA	110	147	Stainless steel
SGRL 18x160CA	160	197	

/ HEIGHT AND WIDTH ADJUSTABLE BRACKETS with assembly sheave Aluminium bracket FGRB 22x63

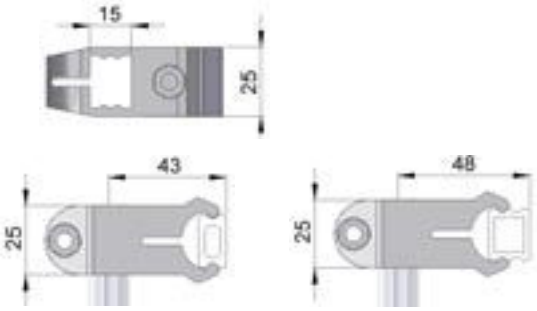
Guide holder clamp in PA6 between
- vertical tube Ø18
- lateral guide **FGRR-3x20**
  or tube ø18 **FGGR or SGRR** below

Reference of the clamp	Fastenings
FGRS 18	Zinc plated steel
SGRS 18	Stainless steel



Guide holder clamp in PA6 between
- vertical profile **FGRRF 3x20x15**
- lateral guide **FGRR-3x20x10** or **FGGRF 3x20x15**

Reference of the clamp	Fastenings
FGRS 15x20	Zinc plated steel



Aluminium tube Ø 18/13:
- **FGGR 3x18** (L. 3m can also be used as a lateral guide)
- **FGGR 18xL** (L=length to order request)

Stainless steel tube Ø 19:
- **SGGR 3x19** (L. 3m, lateral guide)

Stainless steel tube ø19 cut to length:
- **SGGR 19x150** (L. 150 mm)
- **SGGR 19x200** (L. 200 mm)

Other lengths
to order

End plug FGEC 18

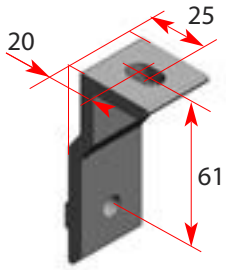
Junction FGRJ 18x18
For tube above

End plug SGEC 19
Junction SGRJ 3x19
for tube above

Guide holder FGRK 18CE
Used with the tube ø18 **FGGR 3x18** (aluminium), enables the creation of guide holders of all sizes.

Material: PA6

Aluminium brackets FGRB 22x63
Usable for example as a guide bracket under a slat.



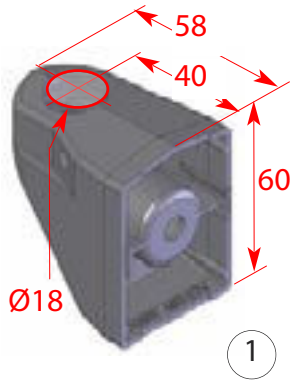
Guides

/ xGRF BRACKETS & SPACERS

Moulded guide holders

Clamping system by means of an M6 screw
Bracket attachment to the aluminium profile, by
Ø M8 mm nuts and bolts sold separately.
Material: PA6

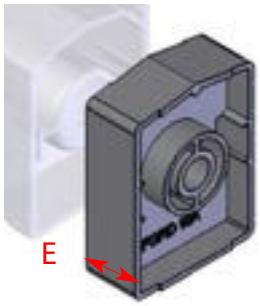
Reference	Material	Fastenings	Figure
FGRF 42x18V	plastic (PA6)	**Zinc plated steel**	1
FGRF 42x18VH	zinc	**Zinc plated steel**	2
SGRF 42x18V	plastic (PA6)	**Stainless steel**	1

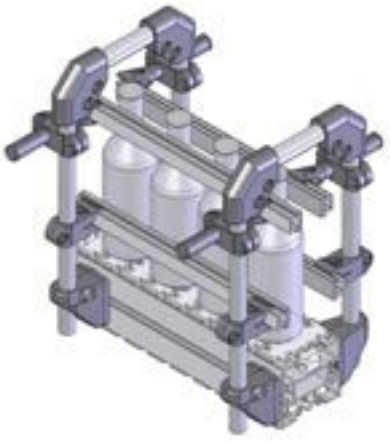


Spacer

Material: PA6

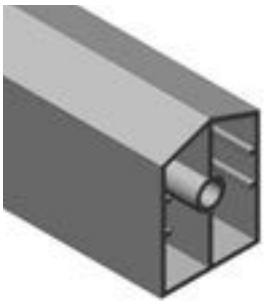
Reference	E
FGRD 6A	6
FGRD 18A	18





Aluminium profile FGRN 3U

for making a spacer.

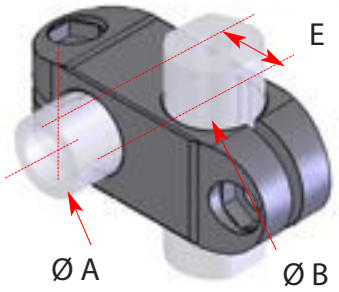


Plastic plug FGRD 3D

Th.=3mm
For profile below

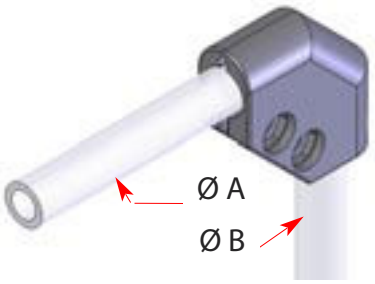
/ ASSEMBLY SHEAVES AND CORNER CONNECTORS

Assembly sheave



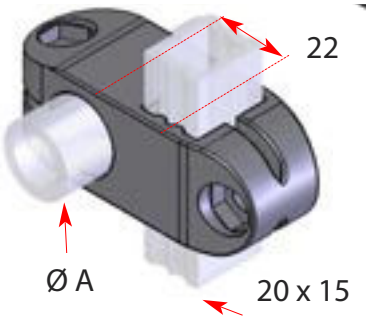
Reference	E	Ø A	Ø B	Fastenings
EO 12x12	16	12	12	Stainless steel
FGRB 18x18	22	18	18	Zinc plated steel
FGRB 18x20	22	18	20	
FGRB 20x20	22	20	20	
SGRB 18x18	22	18	18	Stainless steel
SGRB 18x20	22	18	20	
SGRB 20x20	22	20	20	
EO 20x20	25	20	20	

Corner connector



Reference	Ø A	Ø B	Fastenings
FGRX 18x18	18	18	Zinc plated steel
FGRX 18x20	18	20	
FGRX 20x20	20	20	
SGRX 18x18	18	18	Stainless steel
SGRX 18x20	18	20	
SGRX 20x20	20	20	

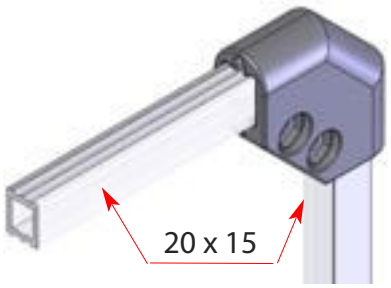
Assembly sheave

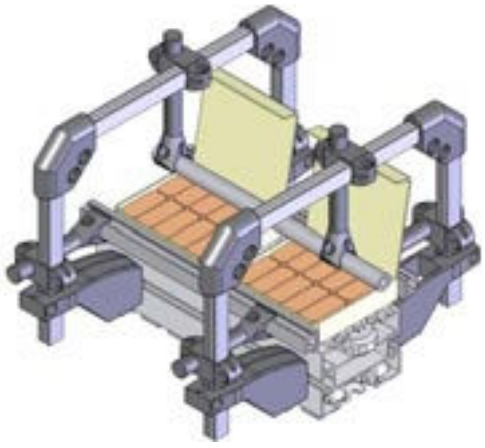


Reference	Ø A	Fastenings
FGRB 18X20T	18	Zinc plated steel
FGRB 20X20T	20	
SGRB 18X20T	18	Stainless steel

Corner connector FGRX 15x20

for FGRRF 3x20x15; zinc plated steel fastenings

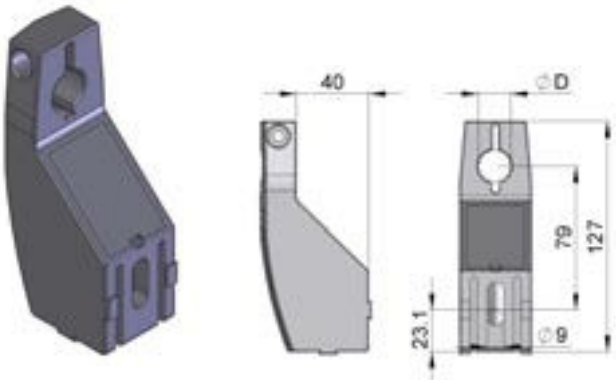




Guides

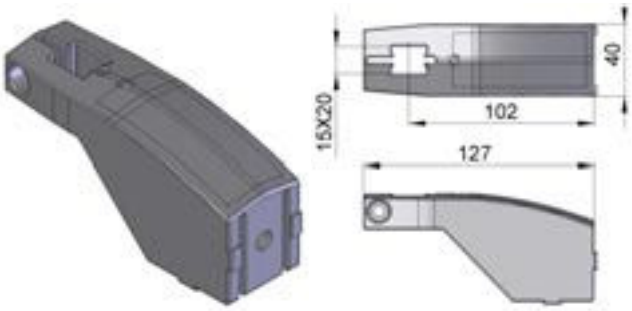
/ WIDTH ADJUSTABLE BRACKETS F/S-GRB
/ HEIGHT ADJUSTABLE BRACKETS FGRF

Lateral guide bracket
or bar Ø 18 or Ø 20

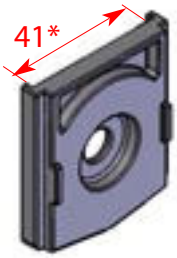


Reference	for bar Ø	Fastenings
FGRB 40x18	18	Zinc plated steel
FGRB 40x20	20	
SGRB 40x18	18	Stainless steel
SGRB 40x20	20	

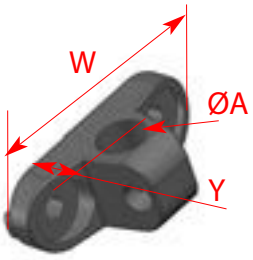
Lateral guide bracket
FGRB 40x15x20 for FGRRF 3x20x15



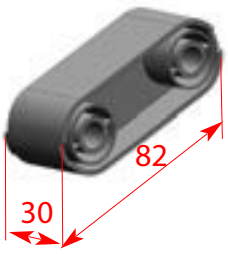
Spacer FGRD 6B thickness 6.3mm
for brackets FGRB-40...
* the groove provides anti-rotation for the brackets of guides xGRB 40



Moulded guide bracket
Clamping system by means of an M6 screw. To fix the bracket to the aluminium profile, use ØM8 mm nuts and bolts sold separately.
Material: PA6



Spacer
FGRD 30B
for FGRF 40x18
thickness 30mm
2 holes Ø 9 centre distance 52
Material: PA6

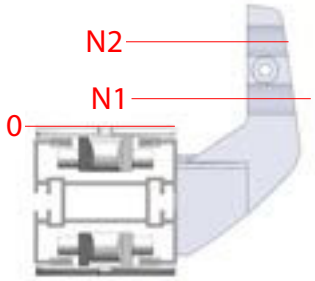


Reference	for bar ØA	W	Y	Fastenings
FGRF 40x18	18	82	17	Zinc plated steel
FGRF 40x12	12	56	20	

/ GUIDE FOR FGRF MOULDED BRACKETS
(1, 2 or 4 levels)

2 level lateral guide bracket
for bar Ø 18

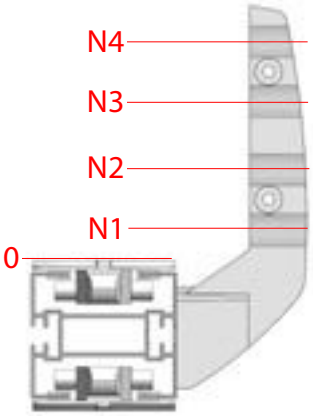
Reference	Fastenings
FGRF A35	Zinc plated steel
SGRF A35	Stainless steel



	Pin heights above the chain	
	N1	N2
FK - FS	26	61
FM - FC	19	54
FL	16	51
F2-	23	58

4 level lateral guide bracket
for bar Ø 18

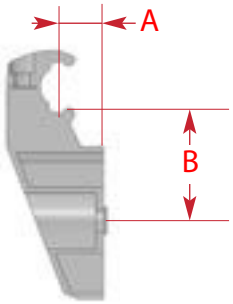
Reference	Fastenings
FGRF A110	Zinc plated steel
SGRF A110	Stainless steel



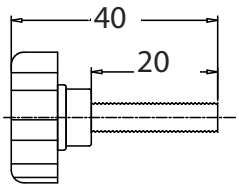
	Pin heights above the chain			
	N1	N2	N3	N4
FK - FS	26	61	101	136
FM - FC	19	54	94	129
FL	16	51	91	126
F2-	23	58	98	133

Single level lateral guide bracket
(plastic) for bar Ø 18

Reference	A	B
FGRB 11x30C	11	30
FGRB 16x42C	16	42
FGRB 16x54C	16	54
FGRB 40x42C	40	42



Tightening knob FGAR 6x20
for lateral guide brackets ...GRF-A...



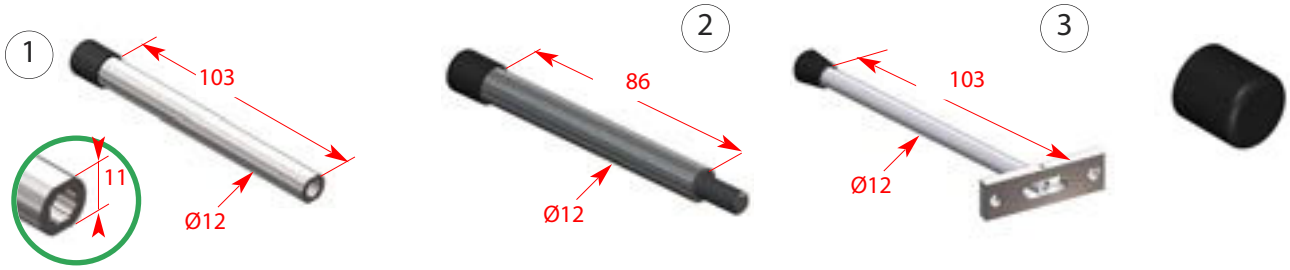
Plug FGRF DP
for lateral guide brackets ...GRF-A...

Guides

/ PINS Ø12 FOR BRACKETS GH5

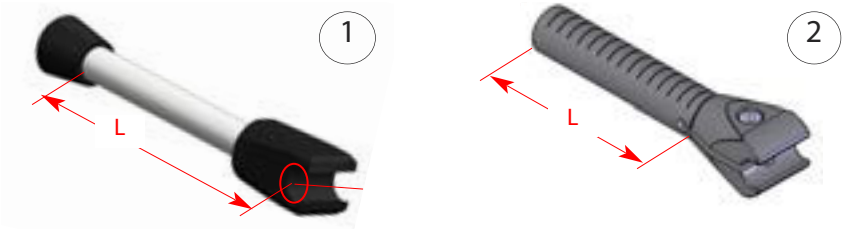
Reference	Pin	Materials	Figure
AF12/8 120CC	Ø 12 pins threaded M8	aluminium	1
AF720CC	Ø 12 threaded M8	Stainless steel	2
AFP0CC	Ø 12 with swivel plate (80x25x8 + 2 holes Ø8.5)	aluminium	3

End-CCD12
For pins Ø12



/ PINS AND CLAMPS COMBINED

Reference	Pin Ø	L	Guide: bar Ø	Materials	Figure
AF710CC	12	120	10	S/s pin, PA clamp	1
AF712CC	12	120	12		
SGRK 12x80A	18	80	12	PA pin and clamp, stainless steel fasteners	2
SGRK 12x130A	18	130	12		



/ GUIDE HOLDER CLAMPS

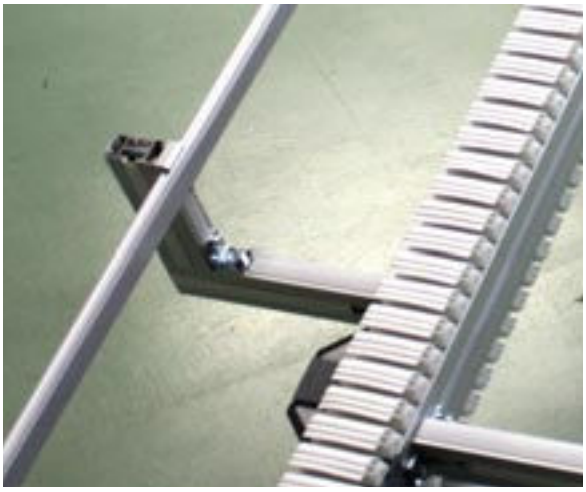
Guide holder clamp
FGRC 20

also used to fix
a cell to FGRRF 3x20x15 or FGRR 3x20x10
profile
hole Ø 8.5
Material: Aluminium

Guide holder clamp
FGRC 20A

for FGRRF 3x20x15 or FGRR 3x20x10 profile
hole for M8 screw F/45°

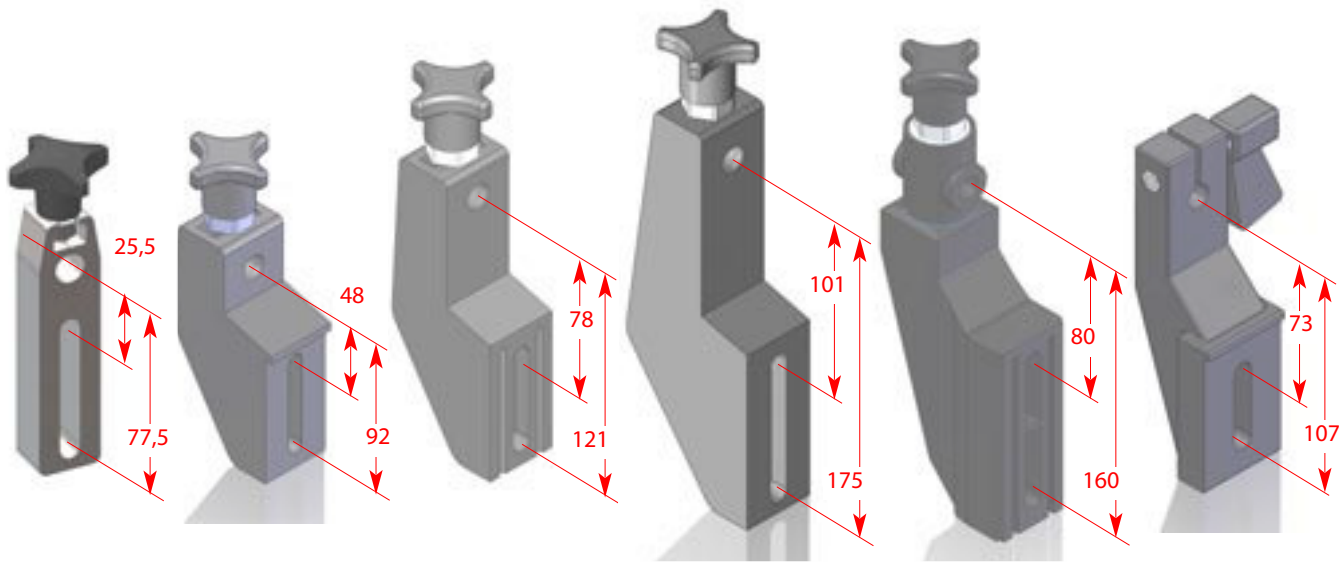
Material: Aluminium



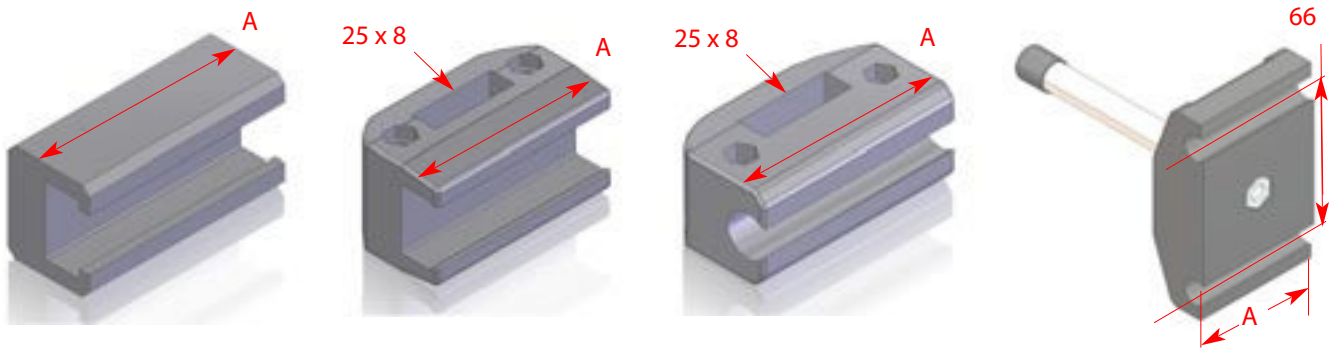
/ PRODUCT GUIDE ADJUSTABLE IN HEIGHT AND WIDTH MOULDED BRACKETS GH5, PLASTIC CLAMPS

Lateral guide brackets GH5... for bar Ø 12

GH5 5 **GH5 1PM** **GH5 1B** **GH5 2** **GH5 3** with swivel head **GH5 4**



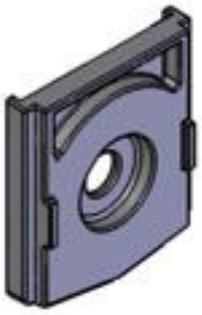
Plastic clamps



Reference	EL 30	EL 60	EL 92	EL 72	PSR 66 104 CC
A	30	60	59	59	54
material	machined POM		moulded PA6	moulded PA6	moulded PA6 + s/s bar Ø12
for	frames C2010...		frames C2010...	S/s bar Ø12	S/s bar Ø12

Spacer FGRD 6B

th. 6mm for brackets GH5. This shim also performs the anti-rotation function for the bracket with Flexmove and Flextoo conveyors



Thrust collars for lateral guiding or motor shafts or conveyor idlers

Reference	A
BAGUE D ARRET D12	Ø12
BAGUE D ARRET D20	Ø20
BAGUE D ARRET D25	Ø25
BAGUE D ARRET D30	Ø30
BAGUE D ARRET D40	Ø40
BAGUE D ARRET SQ40	40x40

/ ACCESSORIES FOR ROBUR®
ATTACHMENT IN THE SIDE GROOVE

The connection with these conveyors is by attachment in the dovetail groove, by an aluminium clamp, a moulded plastic clamp or a dovetail nut.

Anodized aluminium clamps

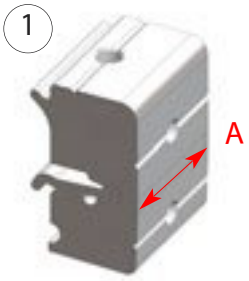
thickness 25.4
These clamps allow
- many possibilities of machining (drilling, etc.)
- larger lateral forces.

The clamps can be clipped over the groove cover.

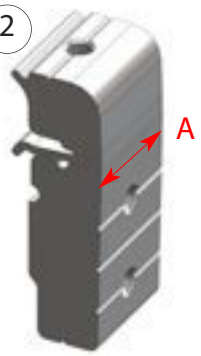
Stainless steel Ø M8 screws. Threaded holes Ø M8.

Reference	A	figure
R1 SL32-SL40	40	1
R2 SL32-SL40	40	2

1



2

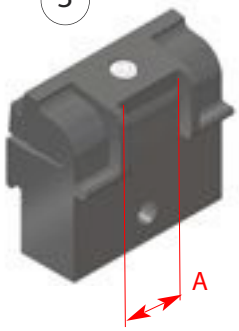


Plastic clamps,

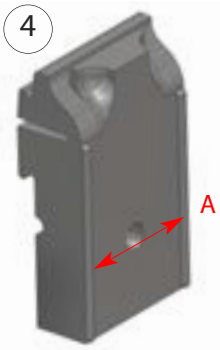
Clamps can be clipped over the groove cover.
Stainless steel fastenings Ø M8
• moulded for lateral guide brackets.

Reference	A	figure
R1 SL1/21.5M	25	3
R2 SL1/17M	40	4

3



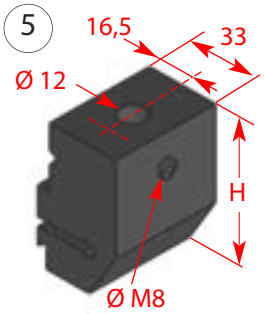
4



machined from black acetal for the cell bracket, reflector bracket, etc...

Reference	H	for Robur	Figure
R2 SL2-H65	65	low height	5
R2 SL2-H86	86	standard height	

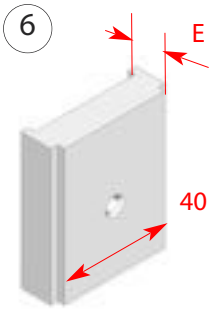
5



Spacers R2 SLA... for R2SL1/17,

Reference	E	figure
R2 SLA 8	8	6
R2 SLA 13	13	
R2 SLA 18	18	
R2 SLA 20	20	
R2 SLA 23	23	
R2 SLA 28	28	
R2 SLA 30	30	
R2 SLA 33	33	
R2 SLA 38	38	
R2 SLA 40	40	
R2 SLA 48	48	

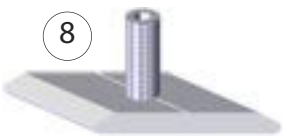
6



Nuts for dovetail for Robur conveyors

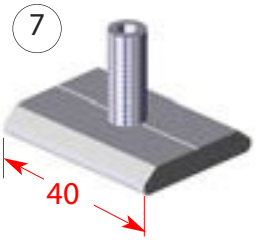
These nuts allow accessories to be installed while saving space and cost. Central hole threaded. The fitting is generally done using an HC screw (headless) locked in the bottom of the dovetail.
The set [screw + nut] then behaves like a dowel.
The installation of the groove covers is only possible between these nuts. Screws not included

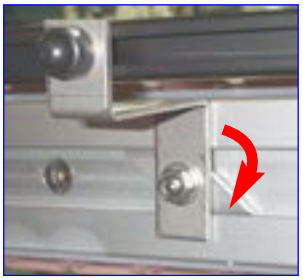
8



Reference	material	Ø thread	use	Fig.
ECQA 40 M6	aluminium	M6	to thread	7
ECQA 40 M8	aluminium	M8		
ECQA 40 M8 ACIER	steel	M8		
ECQA/45 M6	aluminium	M6	to rotate	8
ECQA/45 M8	aluminium	M8		
ECQA/45 M8 ACIER	steel	M8		

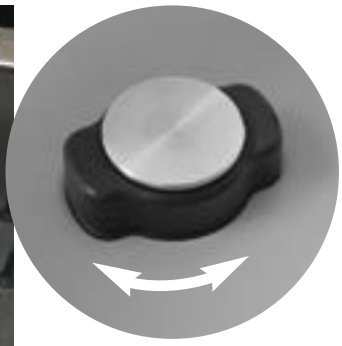
7





/ PRODUCT GUIDING BY FORMAT TOOLS
• FIXED WIDTH, ROTOBLOC MOUNTINGS

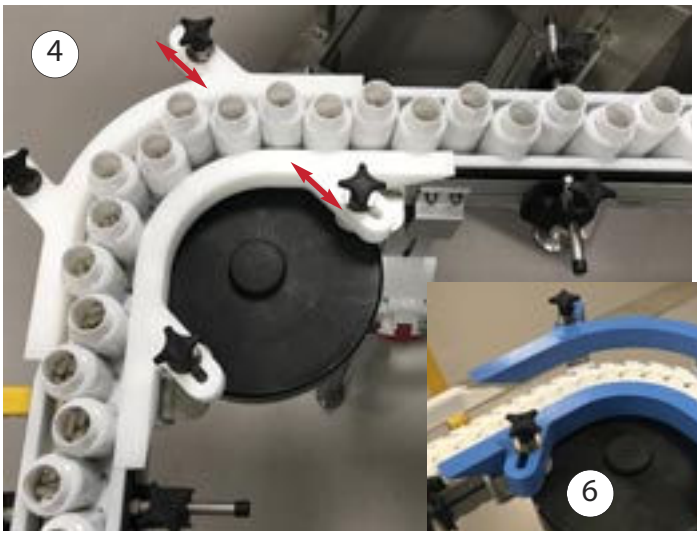
Our quick dismantling product guiding system guides your products over all the ranges of conveyors.
Its Rotobloc locking system facilitates your changes in format and reduces your intervention time.
The locking / unlocking works by rotating fixing knobs.
The ROTOBLOC system is also available for your format tools on your packaging machines.



1 Curved and side transfer guides
2 Curved guides with 2 levels
3 2-level format tooling nested on rotating plates

• ADJUSTABLE WIDTH

The bevelled ends and mounting holes allow for adjustment to suit a range of passage widths without changing the guide.
Different width ranges can be considered with one or more additional tool sets (image 6).



4-6 Adjustable bevelled curved guides combined with straight profiles
5 Adjustable bevelled curved guides combined with side transfer guides

The format parts are designed by our design office. Please do not hesitate to contact us if you have any questions.
Different colours* of guides make it possible to match them with the other format tools of the line.

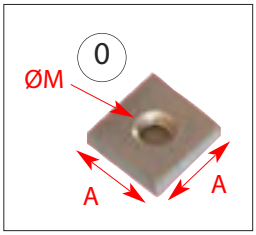
*available colours:

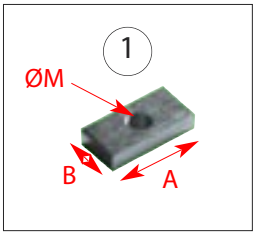
black	RAL 1018	RAL 2009	RAL 3009	RAL 3020
white	RAL 4003	RAL 5015	RAL 6024	RAL 7037

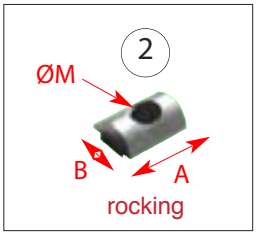
/ FASTENERS

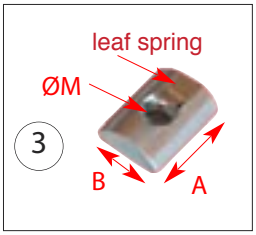
Nuts (in zinc coated steel, packed in boxes of 50 pieces)

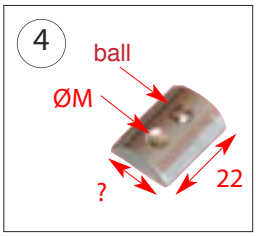
Reference	Name / Application	Fig.	Dimensions ØM	A	B	th.
FASN M4	Square nuts for T-shaped grooves of Flextoo® and Flex conveyors (except for F45)	0	4	20		4
FASN M5			5	20		4
FASN M6B			6	19		4
FASN M6 25				25		6
FASN M8			8	19		4
FASN M8 25				25		4,5
FASN M6	same for Flextoo only		6	20		5
F45RN M6	Nuts for T-shaped grooves of F45CB3 profiles	1	6	25	12	5
F45AN M6		2		16	11	5,5
F45AN M5B		3	5	20		
F45AN M6B			6	20		
FCAN 6	Nuts for T-shaped grooves of TC44, TC64, TC44x88, TC88 profiles		6	22	16	7
FCAN 8			8			
ECB 4		4	4			
ECB 5			5			
ECB 6			6			
ECB 8			8			
FAHN M6	Lozenge nuts for profile T-shaped grooves (except for FBSB24... and KPS)	5	6	20	13	4
FAHN M8			8	19	13	5
ECROU TWOLOCK M6	Nuts with integral lock washer	TL	6			
ECROU TWOLOCK M8			8			

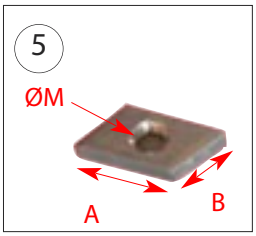






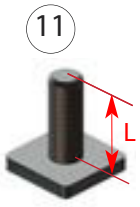


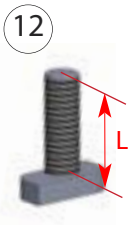




Square and hammer head screws M8 for T-shaped groove.
(Packed in boxes of 50 or 100 pieces)
The square head fits into the groove during assembly, the hammer head can be inserted without disassembly.

Length L	Square head fig. 11	Hammer head fig. 12	
	Zinc-plated steel		Stainless steel
17		FATB 17	FATBX 17
20	FASB 20	FATB 20	FATBX 20
24		FATB 24	FATBX 24
35	FASB 35	FATB 35	FATBX 35
53		FATB 53	FATBX 53
71		FATB 71	FATBX 71

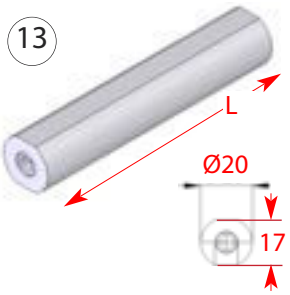


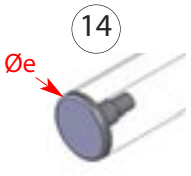


Cache-vis FHc Cache-écrou H	colour	ØM	Fig.
CACHE VIS FHC6 GRIS	grey	6	9
CACHE VIS FHC6 NOIR	black		
CACHE VIS FHC8 GRIS	grey	8	
CACHE VIS FHC8 NOIR	black		
CACHE-ECROU HM6 GRIS	grey	6	10
CACHE-ECROU HM6 NOIR	black		
CACHE-ECROU HM8 GRIS	grey	8	
CACHE-ECROU HM8 NOIR	black		

Aluminium tube, tappable M8, for adjustable lateral guides
The 2 flats allow the use of a 17 mm wrench.

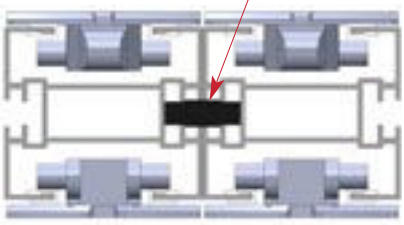
Dimensions	Aluminium tube & accessories	ØM	figure
L=80	FGDT 80	✔ Ø M8	13
L=100	FGDT 100		
L=150	FGDT 150		
L=200	FGDT 200		
L=3000	FGDT 3x20	x	
Øe=20 E=2,4	Bouchon FGEC 20	x	14
Ø22/Ø8,5 E=3	RONDELLE PA 8/20	x	15





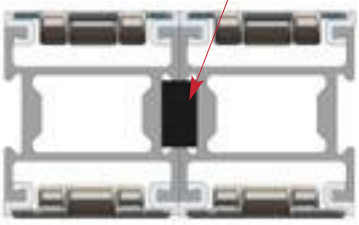
/ MISCELLANEOUS ACCESSORIES

Spacers for juxtaposition of conveyors
For T-shaped groove
(Flexmove / Flextoo)
Reference **CJF2 FM**

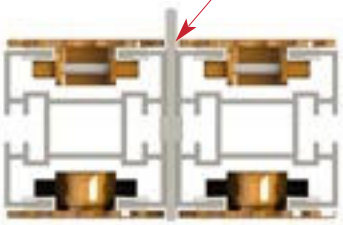


Spacers for juxtaposition of conveyors
For dovetail (Robur / Cobral)

Reference **CJR C**

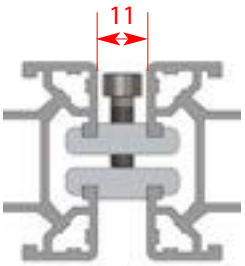


Separation profile between conveyors
(Flexmove / Flextoo)
Reference **FGCD 3**
unitary length 3m.

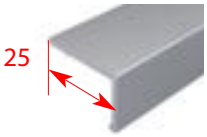


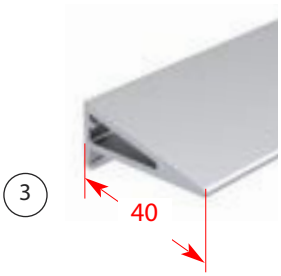
Juxtaposition clips

	Reference
Between structural tubes	**FBFP 75** (M6x15)



Stabiliser	Reference	Figure
Mounting shim	**FGRD 6P**	1
Tablets unitary L 3m	**FSRP 3**	2
	FCRP 3	3
Curved tablets		
90° for FSWB 90R150A	**FSRM90**	2
90° for FCWB 90R170A	**FCRM90**	3
180° for FSWB 180R150A	**FSRM180**	2
180° for FCWB 180R170A	**FCRM180**	3

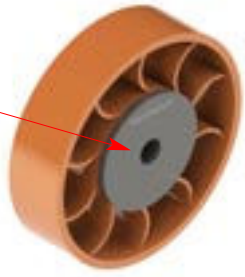


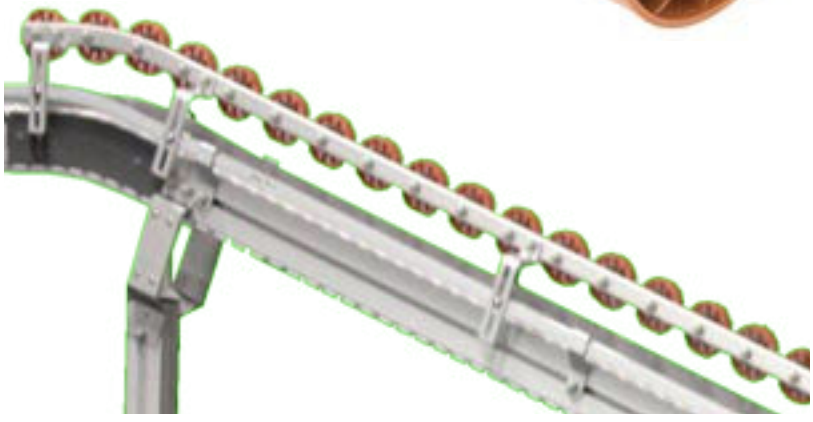


Soft wheels Ø75

for contact with products transported by inclined conveyors, central hole Ø8.5

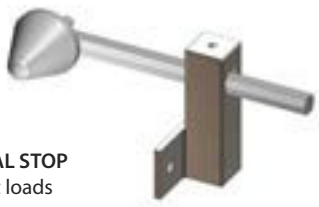
Material	Reference
Foam	**FASR 75x15M**
Soft PVC	**FASR 75x19P**





Swivel stops

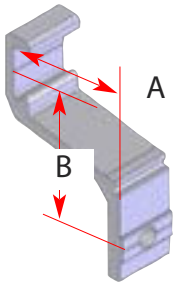
Examples of production



CONICAL STOP
for light loads

SWIVEL STOP
for heavy loads

/ FGRB FIXED ALUMINIUM BRACKETS AND FGRD SPACERS

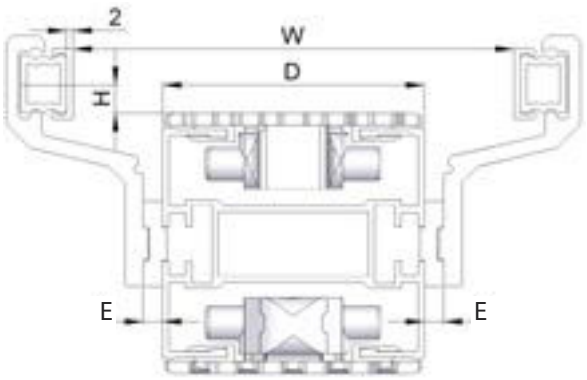


Aluminium brackets FGRB...
for
- FGRRF 3x20x15 ,
- FGRRF 3x20x10 and
- FGRRF 3x20x12

FGAP-25 pin included

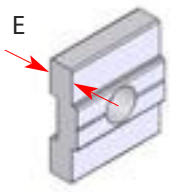
FGRB-...	11x30	23x30	35x30	48x30	29x36	16x42	28x42	40x42	49x42	53x42	65x42	90x42	16x54	40x54	65x54
A	11	23	35	48	29	16	28	40	49	53	65	90	16	40	65
B	39				45	51							63		
Conveyor	W1***	Passage width W* (E=0)													
FK	45	56	80	106	68	42	66	91	108	116	140	190	42	91	140
FS	65	76	100	126	88	62	86	111	128	136	160	210	62	111	160
FM							106	131	148	156	180	230	82	131	180
FC							126	151	168	176	200	250	102	151	200
FL							171	191	208	216	240	290	142	191	240
F2-750						224	248	272	290	298	322	372	224	272	322
F2-1200						339	363	387	405	413	437	487	339	387	437
F2-1500						415	439	463	481	489	513	563	415	463	513
F2-1800						491	515	539	557	565	589	639	491	539	589
F2-2400						644	668	692	710	718	742	792	644	692	742
CAB 6						163	187	211	229	237	261	311	163	211	261
CAB 9						240	264	288	306	314	338	388	240	288	338
CAB 12						316	340	364	382	390	414	464	316	364	414
CAB 15						392	416	440	458	466	490	540	392	440	490
CAB 18						468	492	516	534	542	566	616	468	516	566
CAB 21						544	568	592	610	618	642	592	544	592	642
CAB 24						621	645	669	687	695	719	769	621	669	719
	Guide height H above chain plane														
FK and FS	3 (not usable on inside of curves with wheels)				9	14							26		
FM-FC-FL							7						19		
F2-						11							23		
CAB*						16 (CAB), 18 (CAB-SB)							28 (CAB), 30 (CAB-SB)			

*Height H:
• above balls for CAB (with QNB- Ball belt)
• for CAB-SB, with smooth belt or belt with pitch of 25.4



Spacers
other thicknesses to order

Reference	E
FGRD 6	6,3
FGRD 10	10
FGRD 12	12
FGRD 15	15
FGRD 20	20
FGRD 30	30

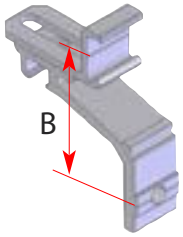


*Passage width with FGRRF-3x20x15 covered with plastic profile FGRT-3x23, without spacers (E=0).

Width corrections for other combinations:		Compatible with FGRB-...			
		...11x30 to 48x30	29x36	...16x42 to 90x42	16x54 & 40x54
• FGRRF 3x20x15 not covered:	W + 3 mm	✔	✔	✔	✔
• FGRR 3x20x12 covered:	W + 6 mm	✕	✕	✔	✔
• FGRR 3x20x12 not covered:	W + 9 mm	✔	✔	✔	✔
• FGRR 3x20x10:	W + 13 mm	✔	✔	✔	✔

*** For bracket FGRB 11x30 only profile FGRR-3x20x10 can be used, dimension W1 gives the corresponding passage width.
For Flextoo® and CAB conveyors the height H is measured with the bracket fixed in the top groove.

/ FGRA ADJUSTABLE ALUMINIUM BRACKETS

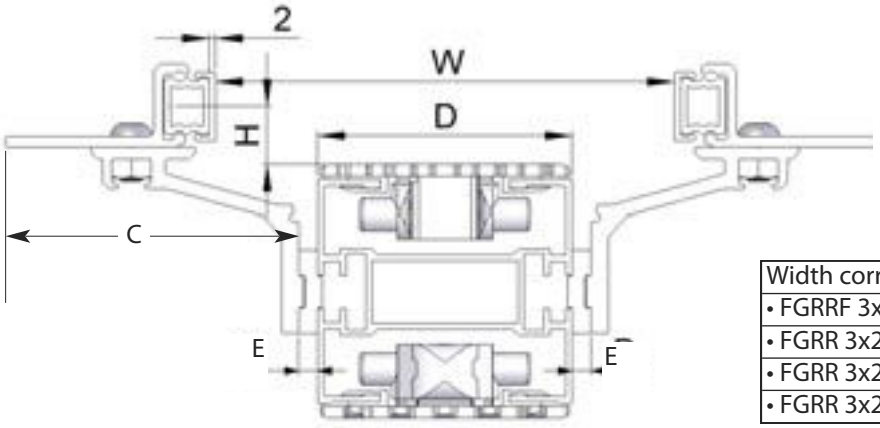


FGRA... adjustable aluminium brackets
for
- FGRRF 3x20x15 ,
- FGRRF 3x20x10 and
- FGRRF 3x20x12

FGAP-25 pin included

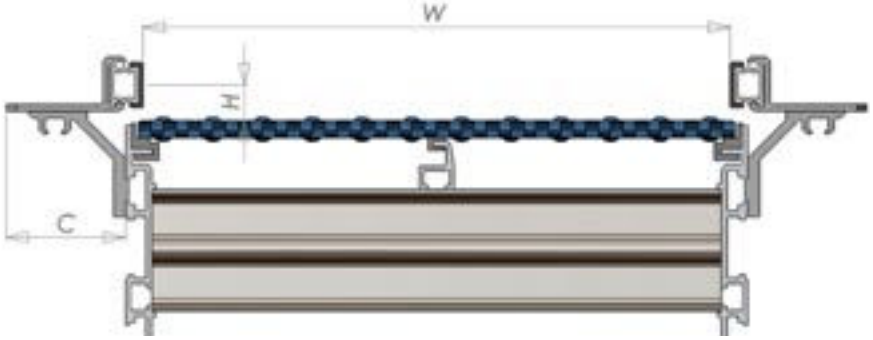
FGRA-...	8x9x45	8x39x45	26x9x45	26x39x45	16x30x52	41x9x52	41x30x52	16x30x64
C max.	23	62	49	73	75	75	100	75
B	54				61			73
Conveyor	**Passage width W* (E=0)**							
FK	9 - 27	0 - 29	45 - 61	0 - 51	0 - 43	88-103	33 - 105	0 - 43
FS	29 - 47	0 - 49	67 - 82	0 - 71	3 - 63	108-123	53 - 125	3 - 63
FM			85 - 101		23 - 83	128-143	73 - 145	23 - 83
FC			105 - 121		43 - 103	148-163	93 - 165	43 - 103
FL			150 - 166			193-208	138 - 210	
F2-750	191 - 209	135 - 211	227 - 243	155 - 233	165 - 225	239 - 283	215 - 287	165 - 225
F2-1200	306 - 324	250 - 326	342 - 358	270 - 348	280 - 340	354 - 398	330 - 402	280 - 340
F2-1500	382 - 400	326 - 402	418 - 434	346 - 424	356 - 416	430 - 474	406 - 478	356 - 416
F2-1800	458 - 476	402 - 478	494 - 510	422 - 500	432 - 492	506 - 550	482 - 554	432 - 492
F2-2400	611 - 629	555 - 631	647 - 663	575 - 653	585 - 645	659 - 703	635 - 707	585 - 645
CAB 6	133 - 151	76 – 146	168 – 186	112 - 182	94 – 154	168 – 200	144 – 204	94 – 154
CAB 9	210 - 228	153 – 223	245 – 263	189 - 259	171 – 231	245 – 277	221 – 281	171 – 231
CAB 12	286 - 304	229 - 299	321 – 339	265 - 335	247 - 307	321 – 353	297 – 357	247 - 307
CAB 15	362 – 380	305 – 375	397 – 415	341 - 411	323 – 383	397 – 429	373 – 433	323 – 383
CAB 18	438 – 456	381 – 451	472 – 491	417 - 457	399 – 459	473 – 505	449 – 509	399 – 459
CAB 21	514 – 532	457 – 527	549 – 567	496 - 563	475 – 535	549– 581	525 – 585	475 – 535
CAB 24	591 - 609	534 - 604	626 - 644	570 - 640	552 – 612	626 - 658	602 - 662	552 – 612
	Guide height H above chain plane							
FK and FS	17				25			37
FM-FC-FL			11		18			30
F2-	15				22			34
CAB …(*)	19 (CAB), 21 (CAB-SB)				26 (CAB), 28 (CAB-SB)			38 (CAB), 40 (CAB-SB)

*Height H:
• above balls for Cab (with QNB- Ball belt)
• for CAB-SB,
• with smooth belt or belt with pitch of 25.4



*Configuration with FGRRF-3x20x15 covered with plastic profile FGRT-3x23, without spacers (E=0).

Width corrections for other combinations:	
• FGRRF 3x20x15 not covered:	W + 3 mm
• FGRR 3x20x12 covered:	W + 6 mm
• FGRR 3x20x12 not covered:	W + 9 mm
• FGRR 3x20x10:	W + 13 mm



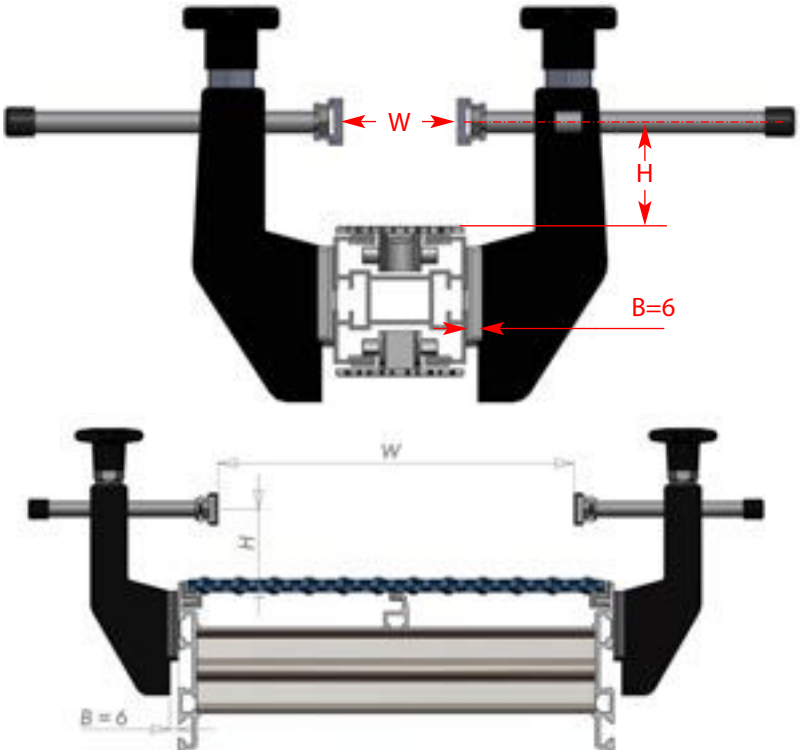
In Flextoo®, and CAB conveyors the height H is measured with the bracket fixed in the top groove.

Guides

/ PRODUCT GUIDING: GH5 MOULDED BRACKETS

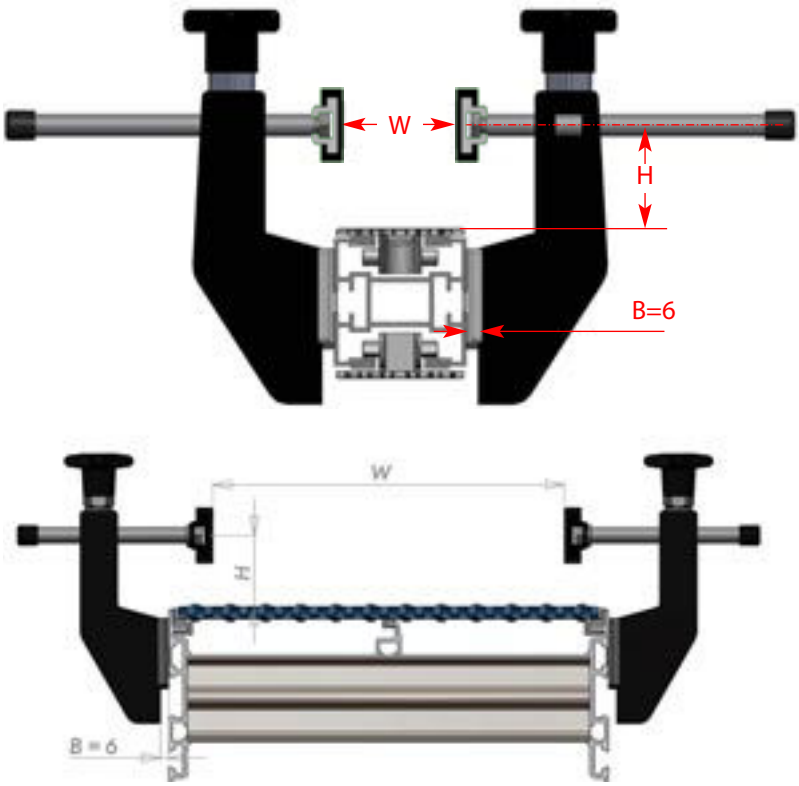
Examples of fitting on Flex or Flextoo, CAB and Flexinox; width between guides

Use of the combination: spacer FGRD-6B, moulded bracket **GH5-1 PM or GH5-1B**, aluminium pin AF 12/8-120 CC, screw HM8-20 + washer, profile FGRR-3x20x12 covered FGRT 3x23 (or 3x33)



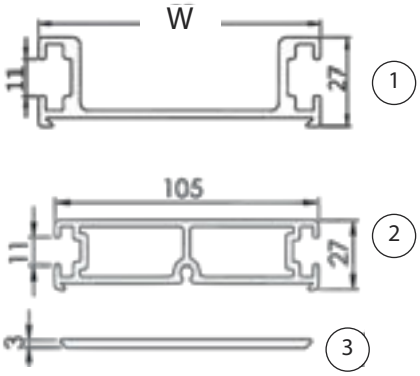
Bracket ->	GH5-1 PM		GH5-1B	
Conveyor	W (with B=6)	H	W (with B=6)	H
FK	0 - 85	12,5 - 57,5	0 - 81	43,5 - 83,5
FS-SS	0 - 105		0 - 101	
FM-SM	0 - 125	12 - 51	0 - 121	37 - 77
FC-SC	4 - 145		5 - 141	
FL	47 - 190		50 - 186	
F2-750	124 - 267	12 - 55	127 - 263	41 - 81
F2-1200	239 - 382		242 - 378	
F2-1500	315 - 458		318 - 454	
F2-1800	391 - 534		394 - 530	
F2-2400	544 - 687		547 - 683	
CAB 6	53 – 207	12 - 56	45 - 207	41 - 86
CAB 9	130 – 284		122 – 284	
CAB 12	206 - 360		198 - 360	
CAB 15	282 – 436		274 – 436	
CAB 18	358 – 512		350 – 512	
CAB 21	434 – 588		426 – 588	
CAB 24	511 – 665		503 - 162	

Use of the combination: spacer FGRD-6B, moulded bracket **GH5-1 PM** or **GH5-1B**, aluminium pin AF 12/8-120 CC, screw HM8-20 + washer, frame AT30 covered FD7-1AN

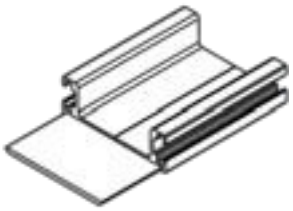


Bracket ->	GH5-1 PM		GH5-1B	
Conveyor	W (with B=6)	H	W (with B=6)	H
FK	0 - 80	21 - 57,5	0 - 76	43,5 - 83,5
FS-SS	0 - 100		0 - 96	
FM-SM	0 - 120	21 - 51	0 - 116	37 - 77
FC-SC	4 - 140		5 - 136	
FL	47 - 185		50 - 181	
F2-750	124 - 262	21 - 55	127 - 258	41 - 81
F2-1200	239 - 377		242 - 373	
F2-1500	315 - 453		318 - 449	
F2-1800	391 - 529		389 - 525	
F2-2400	544 - 682		547 - 678	
CAB 6	48 – 201	12 - 56	40 – 201	41 - 86
CAB 9	125 – 278		117 – 278	
CAB 12	201 - 354		193 - 354	
CAB 15	277 – 278		269 – 430	
CAB 18	353 – 506		345 – 506	
CAB 21	429 – 582		421 – 582	
CAB 24	506 - 659		498 - 659	

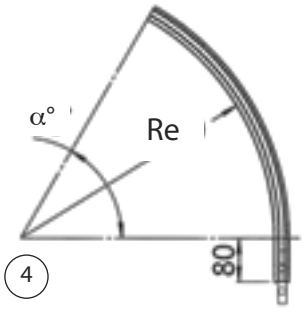
/ FRONT GUIDES FOR FLEX CONVEYOR



1 2 3

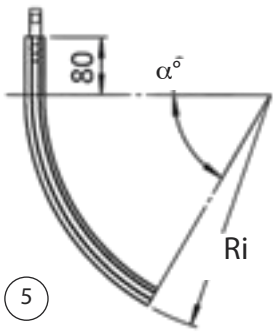


	Frame reference (unit length 3m)		Slip rail reference (unit length 2m)	W
for	Fig. 1	Fig. 2	Fig. 3	
FS	**FSVF 3**		**FSVG 2**	65
FM	**FMVF 3**		**FMVG 2**	85
FC		**FCVF 3**	**FCVG 2**	105



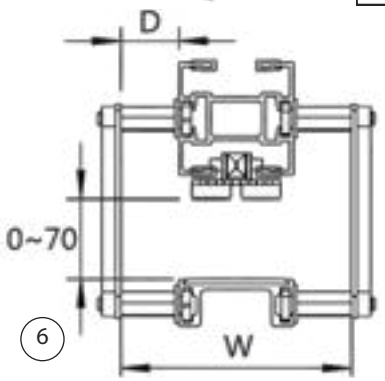
4

	Formed frame reference							
	Outside			Inside			Re	Ri
for	Fig. 4			Fig. 5				
α°	45°	60°	90°	45°	60°	90°		
FS	**FSVA45 R352**	**FSVA60 R352**	**FSVA90 R352**	**FSVC45 R245**	**FSVC60 R245**	**FSVC90 R245**	352	245
FM		**FMVA60 R460**	**FMVA90 R460**		**FMVC60 R335**	**FMVC90 R335**	460	335
FC		**FCVA60 R460**			**FCVC60 R335**			



5

	Mounting kit		Bracket	W	D	H
for	Fig. 6	Fig. 7	Fig. 8			
FS	**FSVK33**		**FSVS33**	130	33	95
	FSVK58		**FSVS58**	180	58	
FM		**FCVK43**	**FCVS43**	170	43	150
		FCVK93	**FCVS93**	270	93	
FC		**FCVK43**	**FCVS43**	190	43	
		FCVK93	**FCVS93**	290	93	



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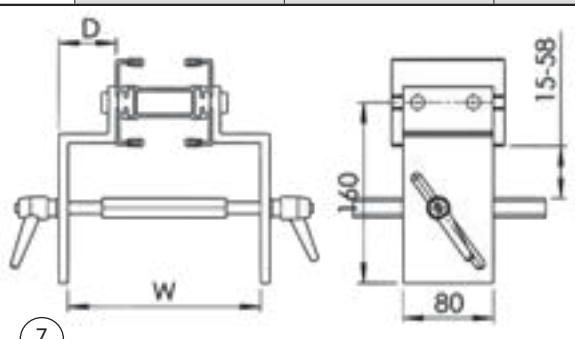

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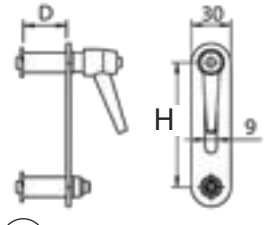
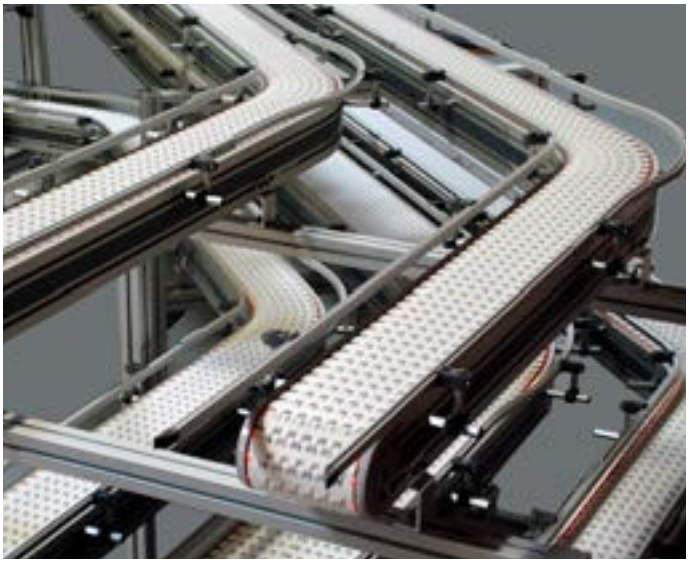
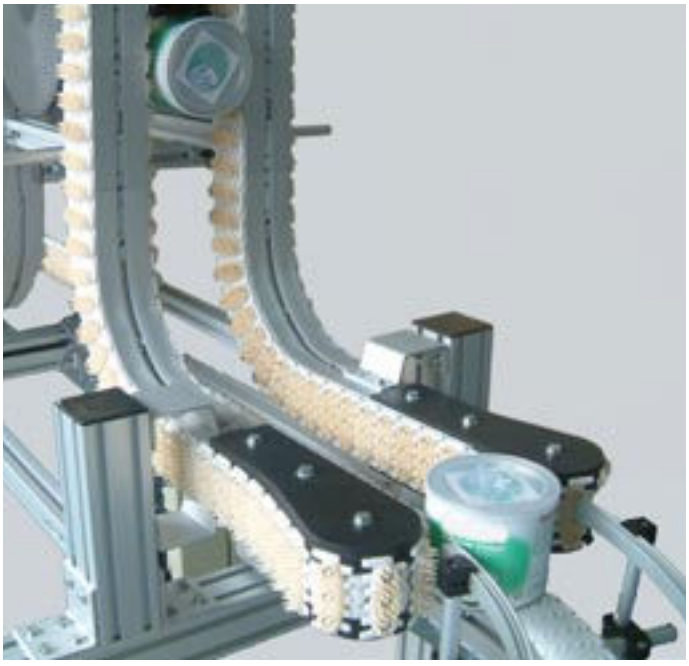
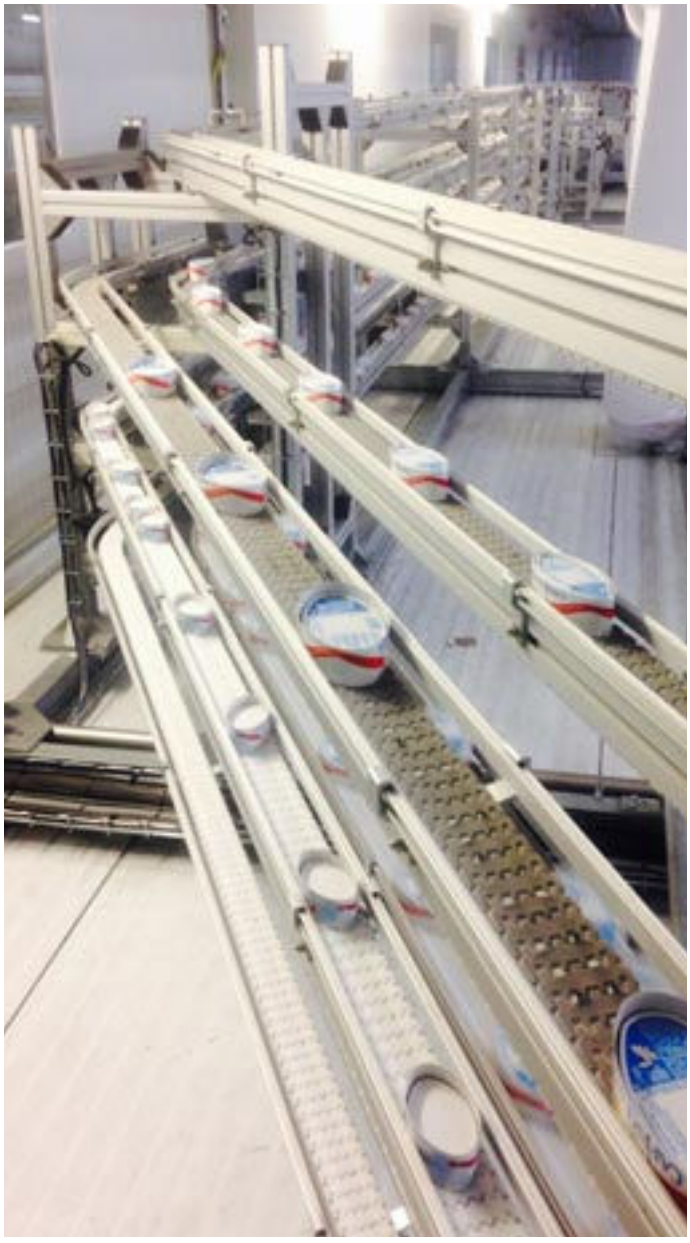


8

Guides







• LEGS FOR CONVEYORS

ELCOM / **FABER** / TRANSEPT

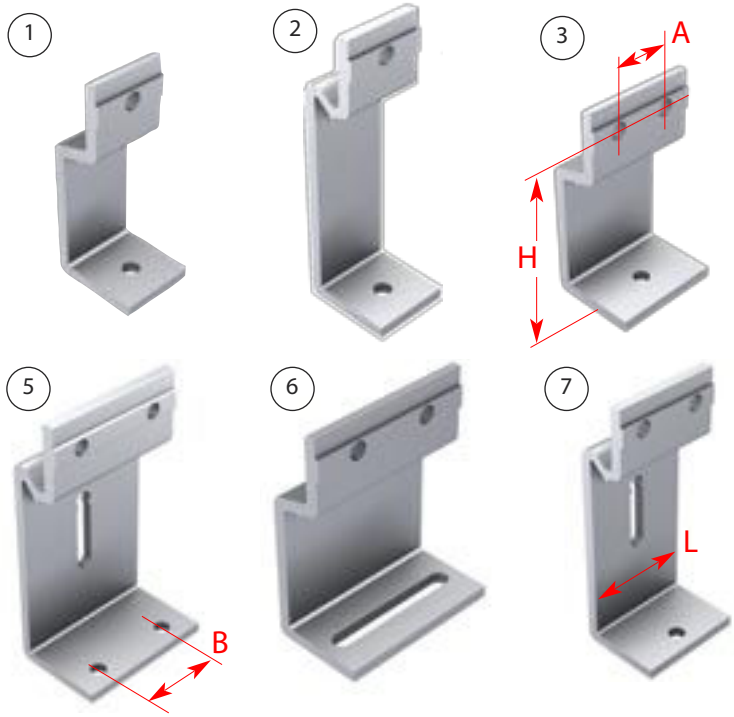
Aluminium brackets FAHBS...

Mainly used between the horizontal cross piece and the conveyor legs.
Generally the width L corresponds to that of the cross piece. Holes or slots for fastenings Ø8 unless indicated otherwise.

Reference	L	H	A	B	Figure
FAHBS 40	40	99,5			1
FAHBS 40B		135			2
FAHBS 60	60	99,5	30		3
FAHBS 62B		135	34	44	7
FAHBS 62A	62	135	44		4
FAHBS 74A	74	100	44	44	5
FAHBS 74B		125			
FAHBS 74C		135			
FAHBS 74D*		158			
FAHBS 84	84	99,5	40		6

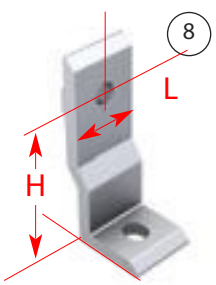

example: bracket mounting

*FAHBS 74D: Use FATB 20 or FATB 24 screws for assembly



Attachment points to the outside

Reference	L	H	A	B	Figure
FGRB 22x63x40	40	61			8
FGRB 22x63x84	84		44	44	

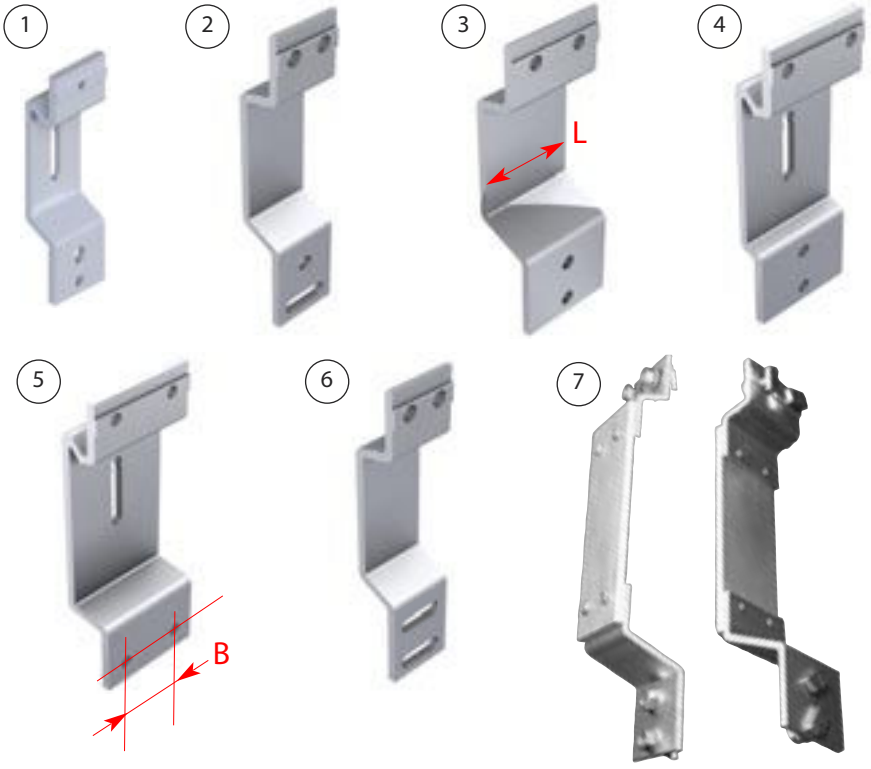


/ ATTACHMENT OF CONVEYORS TO VERTICAL TUBES

Aluminium brackets FAVBS...

mainly used between conveyors and vertical tubes.
Holes or slots for fastenings Ø8 unless indicated otherwise.

Conveyor	Vertical tube	Compatible - chute - cable raceway	Reference	L	B	Figure
F45	TC44	✕	**FAVBS 42**	42		1
FK			**FAVBS 40S**	40		2
FS			**FAVBS 40M**			
FK	TC64	✕	**FAVBS 60K**	60		3
FS			**FAVBS 60S**			
FM			**FAVBS 60M**			
FC			**FAVBS 60C**			
FK			**FAVBS 60KV**			6
FS			**FAVBS 60SV**			
FM			**FAVBS 60MV**			
FC			**FAVBS 60CV**			
FK		✔	**FAVBS 60K FA**	64		4
FS			**FAVBS 60S FA**			
FM			**FAVBS 60M FA**			
FC			**FAVBS 60C FA**			
FS	TC88	✕	**FAVBS 88S**	74	44	5
FM		✔	**FAVBS 88M**			
FC			**FAVBS 88C**			

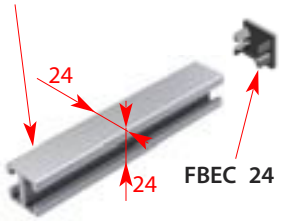


Custom-made for conveyors with cleat chain for example

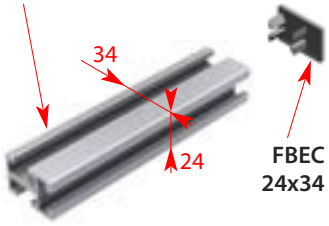
Legs

/ STRUCTURAL TUBES, END PIECES FOR ALUMINIUM PROFILE, PROFILES FOR HOUSINGS

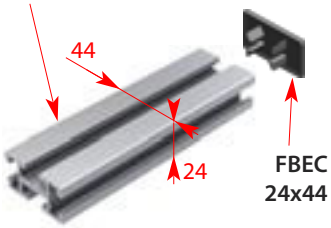
FBSB 24X24



FBSB 24X34



FBSB 24X44



⊠ 30

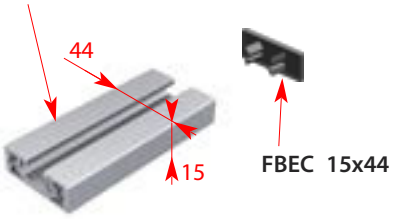
CA30-8

⊠ 40

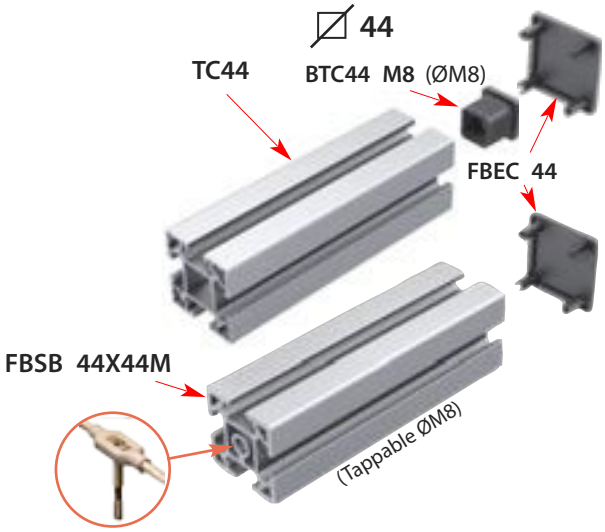
FBSB 40X40

Tappable central hole ØM8.
(ØM10 or ØM12 after drilling)

FBSB 15X44



⊠ 44

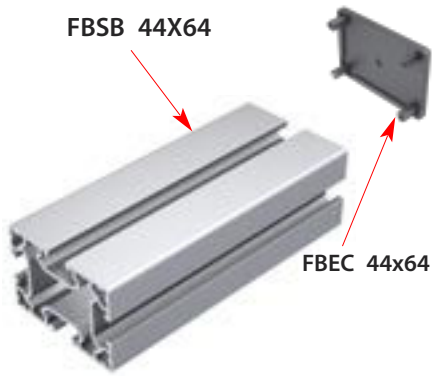


Profile for housing JEC4 11

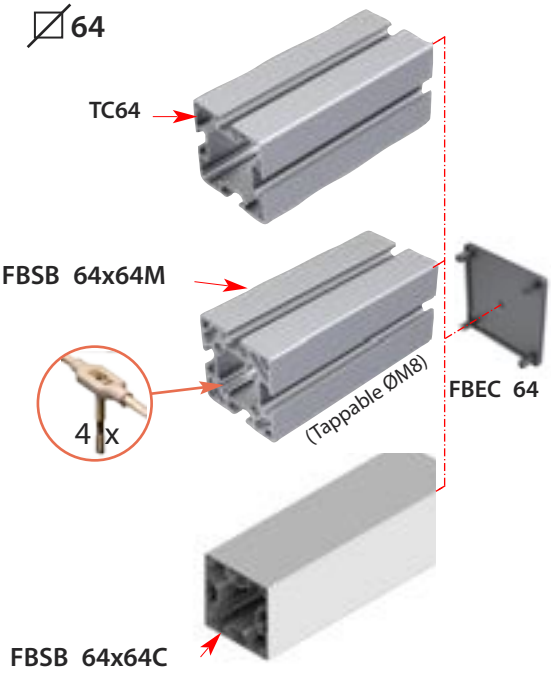
Allows installation of a panel th. 4 to 7 mm into the 11 mm groove in our profiles

/ STRUCTURAL TUBES, END PIECES FOR ALUMINIUM PROFILE, PROFILES FOR HOUSINGS

44 x 64

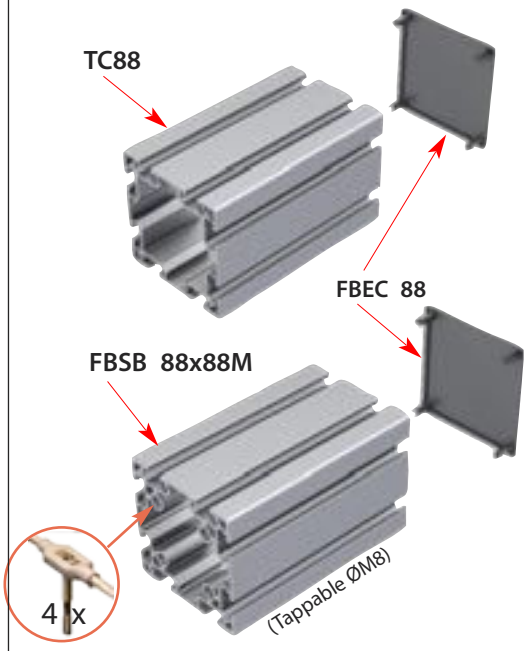


⊠64



44 x 88

⊠88



⊠70

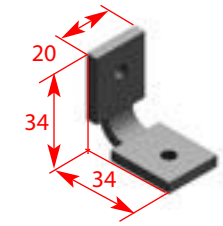
FEFU

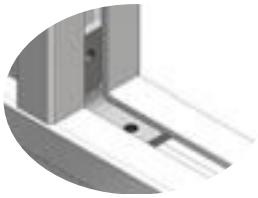
used to construct telescopic legs with 2 tubes FBSB 64x64M and TC64

Legs

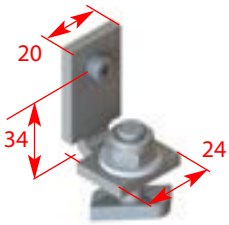
/ ZINC PLATED STEEL BRACKETS FOR STRUCTURAL TUBES

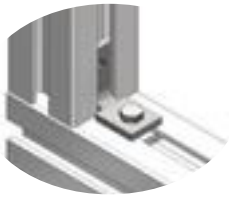
FBRX 20A
thickness 4 mm
2 M8 pressure screws included



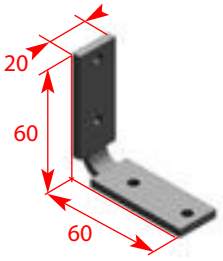


FBRX 20B
thickness 4 mm
1 M8 pressure screw and 1 M8 bolt included





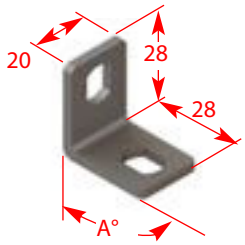
FBRX 20C
thickness 4 mm
4 pressure screws included



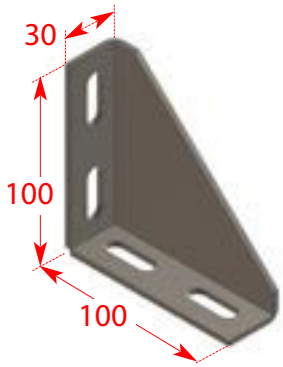
FBRY 20
thickness 3 mm
2 HM8 screws included

Reference	A
FBRY 20A	90°
FBRY 20x45A	45°

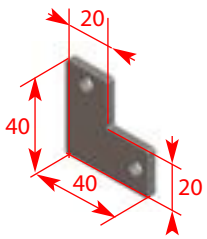
thickness 3 mm, without fastenings, holes 8.5 x 11



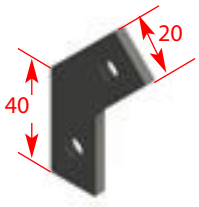
FBFA 100A



FBRW 20
thickness 4 mm
2 M8 pressure screws included

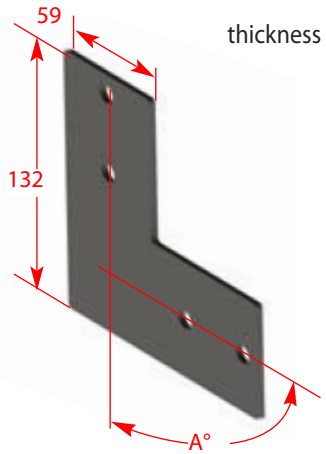


FBRW 20X45
thickness 4 mm
2 M8 pressure screws included



Reference	A
FBCP 60L	90°
FBCP 60X45	45°

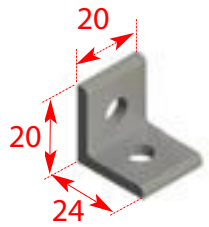
thickness 6 mm



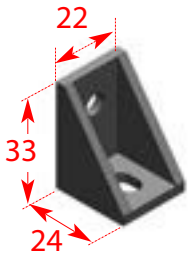
/ ALUMINIUM OR LIGHT ALLOY BRACKETS FOR STRUCTURAL TUBES

BRACKETS: MOULDED OR CUT FROM PROFILE SECTION

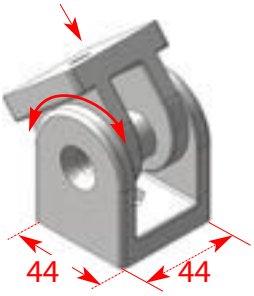
Bracket: **FBAB 20**
(Fastenings M5)



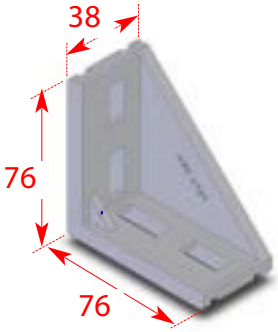
Bracket: **FBFA 24**



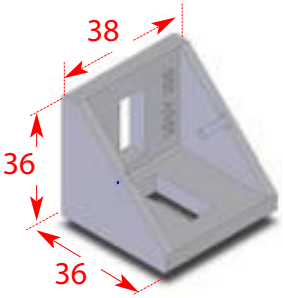
Fixed hinge: **FBFJ 44F**
Adjustable hinge: **FBFJ 44**



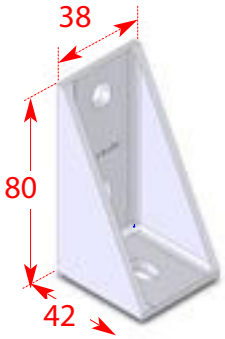
Equerre :FBFA 38A



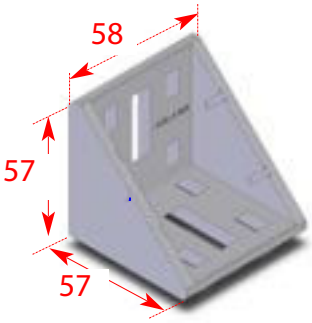
Bracket: **FBFA 38B**
End plug: **BE FBFA 38B**



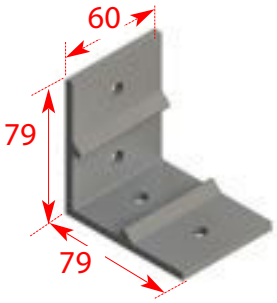
Equerre :FBFA 38C



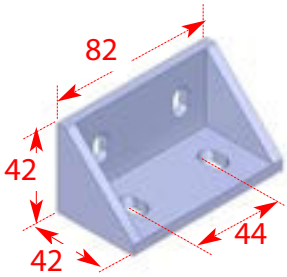
Bracket: **FBFA 58B**
End plug: **BE FBFA 58B**



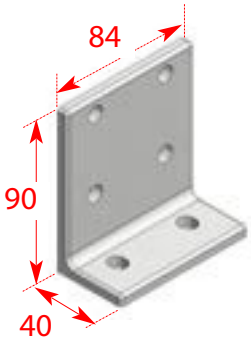
Winkel FBAB 60L



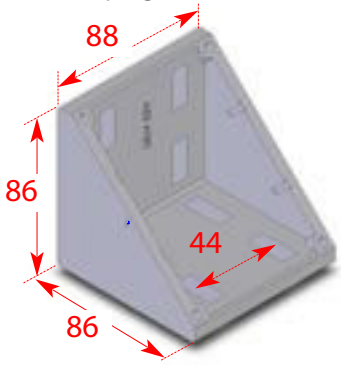
Bracket: **FBFA 88C**



Bracket: **FBFA 84**



Bracket: **FBFA 88B**
End plug: **BE FBFA 88B**



Legs

/ SQUARE TUBE LEG BASES

Aluminium bases

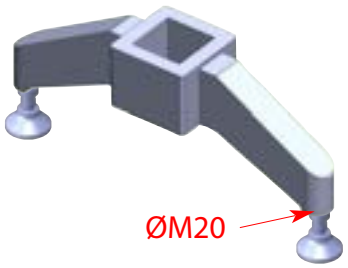
For square tube	TC 44	TC 64	TC 88
Base reference	**EC150 45**	**FBFT 64**	**EC260 88**
Dimensions	150 x 150 x H 100	210 x 210	260 x 260
Connection to the vertical tube	6 screws HM6 x 16 6 square nuts M8 + spring washers	Fastenings included	Fastenings included
Floor anchorage	Ø 10	Ø 10	Ø 16
			

Legs

Plastic feet moulded for square profiles

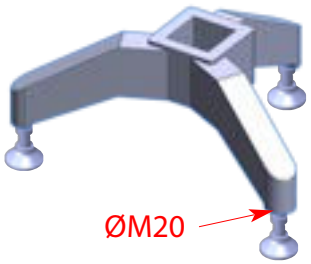
For tube	Bipod reference
TC64	**FBFT 64BP**

jacks included



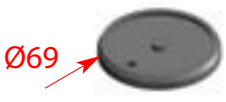
For tube	Tripod reference
TC64	**FBFT 64TP**
70x70	**FEFG 70T**

jacks included



Adjustment jack
FBAF M20x56
for FBFT 64BP or FBFT 64TP

Anti-vibration sole plate **FLFJ 69**
optional for FBAF M20x56

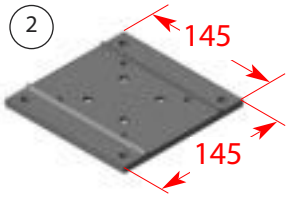


Plates for structural tubes

For tube	Plate reference	Mountings	Figure
TC44	**FBFE 44M8**	1 x ØM8 4 x Ø 6	1
	FBFE 44M12	1 x ØM12 4 x Ø 6	
FBSB-44x64	**FBFE 44x64M12**		
TC 44-88	**FBFE 44x88M12**		
TC64 FBSB 64x64M	**FBFE 64M12**		
TC88	**FBFE 88M12**		
	FAFB 88F	4 x Ø 6 4 x Ø 9	2

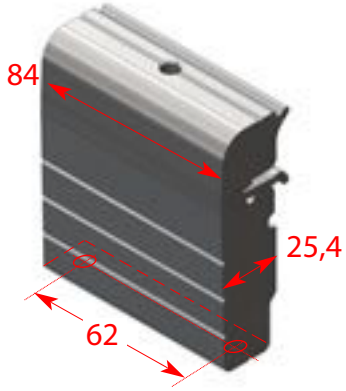
1

2

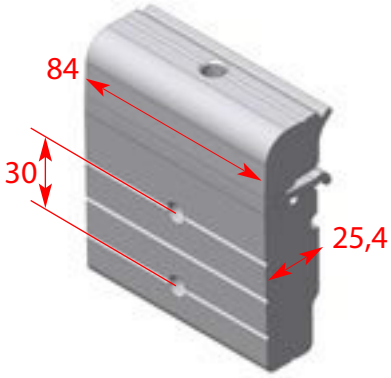


/ MOUNTINGS ON BEAMS

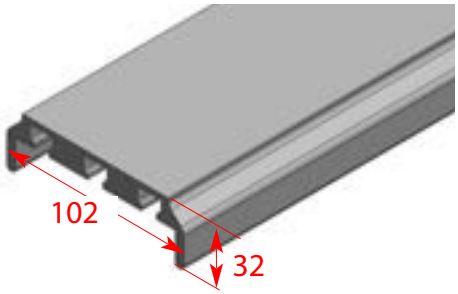
R2 SL32P
Aluminium clip with mobile rocker
for lower mounting (2 holes ØM8)



R2 SL32PL
Aluminium clip with mobile rocker
for lateral mounting or inclined conveyor
(2 holes ØM8)

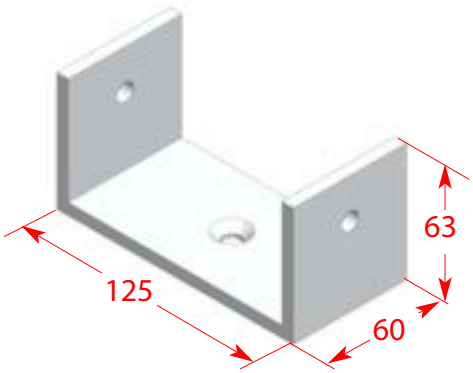


EPR
Aluminium profile with 3 grooves for M8 nut or bolt head.
Is used between clips **R2SL32P** and support head **331-4**,
for Robur, Cobral or other conveyors.



EMEPR
Closing end piece for profile
EPR below

U125 63 CLAMP
Clamp for feet, Robur 1



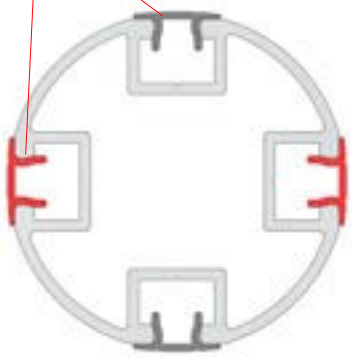
R1 SL1/21.5M
Moulded plastic clip for stirrup
U125-63 (legs for Robur 1)

Adjustable plates
for inclined feet

reference	L
PL1	84
PL1 64	64

/ ROUND TUBES
SUPPORT HEADS AND JUNCTION

TUA 60 4R
Aluminium profile with 4 grooves for M8 nut or bolt head.
These grooves can be plugged by an optional cover:
red **CR8R**, black **CR8N2** or grey **CR8G2**



TUX 60
Smooth stainless steel tube Ø 60.3 thickness 2

BTC M16 End M16
for TUA 60 4R

Smooth tubes Ø 42.4
thickness 1.6 mm

Material	Reference
aluminium	**TUA 42**
stainless steel	**TUX 42**

BTR M16 M16 end piece
for TUA 60 TUX60

Support head 331 4
For tubes **TUA 60 4R** or **TUX60**

Junction 331 5
between tubes **TUA 60 4R** or **TUX 60** and **TUA 42** or **TUX 42**

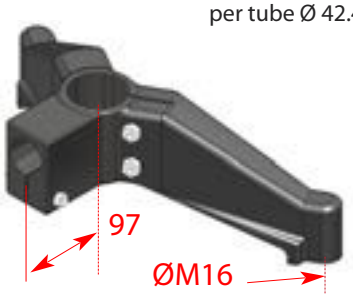
Lateral support head 331 6
for tubes **TUA 60 4R** or **TUX 60**

/ LEG BASES (FEET) FOR TUBES Ø60.3
JACKS/SOLE PLATES Ø80

331 3 moulded tripod foot in Black PA6 for tube Ø60.3

331 2 Moulded bipod foot in black PA6 for tube Ø60.3

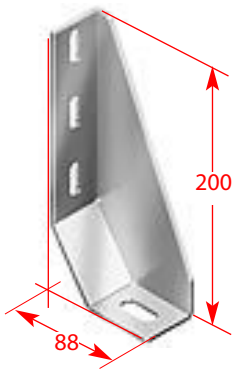
331 2 120 Moulded bipod foot in black PA6 for tube Ø60.3
to be used in cross braced pairs per tube Ø 42.4



Spitable jack except (*):			Swivel castor with brake:	ØM	for			
	ØA	H			tube **FBSB 40x40...**	plate	base above	end piece *(/of tube)*
331 80 M8	80	91	**A49 125 M8**	M8	*... M8 tapped*	**FBFE44 M8**		**BTC44 M8** (/TC44)
331 80 M10		94	**A49 125 M10**	M10	*... M10 tapped*			
331 80 M12		94	**A49 125 M12**	M12	*... M12 tapped*	**FBFE-...-M12**		
331 60 M12GH (*)	60	150						
331 80 M16	80	95	**A49 125 M16**	M16			**331 3, 331 2** or **331 2 120**	**BTC M16** *(/TUA60 4R)* **BTR M16** *(/TUX 60)*
331 80 M16GH		145						

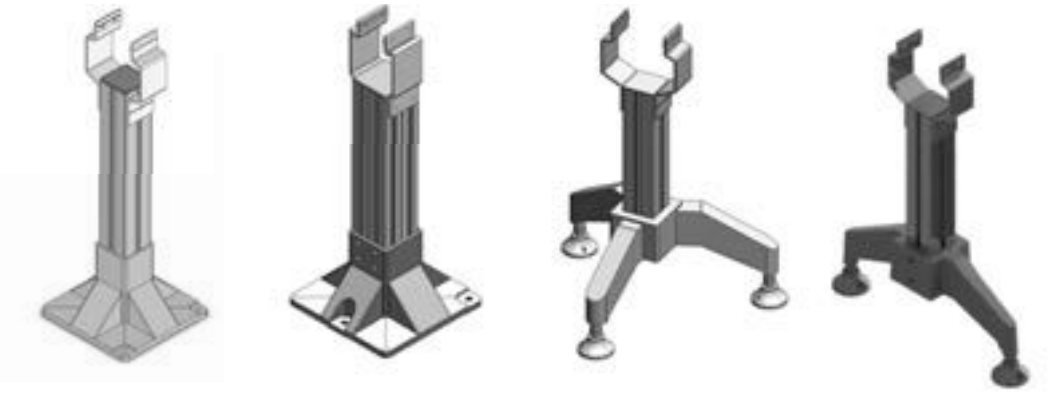
Note: L fitted with castors must be cross braced with for example Ø42 tubes and junction 331 5 to improve their stability and strength.

FBFA PC Zinc plated steel bracket for floor mounting of profiles ≥ 40 mm



Connection to the vertical tube Ø8 floor anchorage: Ø12

/ SQUARE TUBE LEGS FOR FLEX, H'ECOFLEX, FLEXTOO® CONVEYORS



Flexmove conveyor	Square profile 64	Profile TC-88 (C.88)	Tripod foot (C.64)	Bipod foot (C.64)
F45				
FK-FT-FH	**FKTC 64**		**FKTC 3**	**FKTC 2**
FS	**FSTC 64**	**FSTC 88**	**FSTC 3**	**FSTC 2**
FM	**FMTC 64**	**FMTC 88**	**FMTC 3**	**FMTC 2**
FC	**FCTC 64**	**FCTC 88**	**FCTC 3**	**FCTC 2**
Possible variants	• Inclined conveyor		• Inclined conveyor	• Inclined conveyor

Flex/ h'ecoflex / Flextoo Conveyor	Square profile 64	Profile PC88 (C.88)	Foot PH40 (C.40)	Tripod foot (C.64)	Bipod foot (C.64)
Flex FL	**FLTC 64**	**FLTC 88**		**FLTC 3**	
HEF 1	**HEF 1 PC64**	**HEF 1 PC88**	**HEF 1 PH40**	**HEF 1 TC3**	**HEF 1 TC2**
HEF 2	**HEF 2 PC64**	**HEF 2 PC88**	**HEF 2 PH40**	**HEF 2 TC3**	**HEF 2 TC2**
HEF 3	**HEF 3 PC64**	**HEF 3 PC88**	**HEF 3 PH40**	**HEF 3 TC3**	**HEF 3 TC2**
HEF 4	**HEF 4 PC64**	**HEF 4 PC88**	**HEF 4 PH40**	**HEF 4 TC3**	**HEF 4 TC2**
HEF 5		**HEF 5 PC88**	**HEF 5 PH40**		
HEF 6			**HEF 6 PH40**		
HEF 7			**HEF 7 PH40**		
HEF 8			**HEF 8 PH40**		
HEF 9			**HEF 9 PH40**		
HEF 10			**HEF 10 PH40**		
Flextoo 750	**F2 750 PC 64**	**F2 750 PC 88**	**F2 750 PH40**	**F2 750 TC 3**	**F2 750 TC 2**
Flextoo 1200	**F2 1200 PC 64**	**F2 1200 PC 88**	**F2 1200 PH40**	**F2 1200 TC 3**	**F2 1200 TC 2**
Flextoo 1500	**F2 1500 PC 64**	**F2 1500 PC 88**	**F2 1500 PH40**	**F2 1500 TC 3**	**F2 1500 TC 2**
Flextoo 1800		**F2 1800 PC 88**	**F2 1800 PH40**		
Flextoo 2400			**F2 2400 PH40**		
Possible variants	• multi-lane version • inclined conveyor • swivel leg	• multi-lane version • inclined conveyor			• multi-lane version • inclined conveyor

/ SQUARE TUBE LEGS FOR CAB CONVEYORS

CAB conveyor	Square profile 64 **CAB...PC64**	Profile PC88 (C.88) **CAB...PC88**	Foot PH40 (C.40) **CAB...PH40**	Foot PH44 (C.44) **CAB...PH44**	Tripod foot (C.64) **CAB...TC3**
CAB 6	**CAB 6 PC64**	**CAB 6 PC88**	**CAB 6 PH40**	**CAB 6 PH44**	**CAB 6 TC3**
CAB 9	**CAB 9 PC64**	**CAB 9 PC88**	**CAB 9 PH40**	**CAB 9 PH44**	**CAB 9 TC3**
CAB 12	**CAB 12 PC64**	**CAB 12 PC88**	**CAB 12 PH40**	**CAB 12 PH44**	**CAB 12 TC3**
CAB 15	**CAB 15 PC64**	**CAB 15 PC88**	**CAB 15 PH40**	**CAB 15 PH44**	**CAB 15 TC3**
CAB 18		**CAB 18 PC88**	**CAB 18 PH40**	**CAB 18 PH44**	
CAB 21			**CAB 21 PH40**	**CAB 21 PH44**	
CAB 24			**CAB 24 PH40**	**CAB 24 PH44**	
H min.					
Without cable raceway	530 mm	555 mm	315 mm	478 mm	575 mm
With cable raceway	577 mm	600 mm	370 mm	478 mm	623 mm

/ LEGS FOR SPECIAL APPLICATIONS:

Single leg
for mounting geared motors

Swivel leg

Height-adjustable stand,
with telescopic square tubes

"H" shaped legs may be cross braced for better stability

multi-track leg
for parallel conveyors

/ Ø60.3 TUBE LEGS FOR ROBUR®, FLEX, H'ECOFLEX & FLEXTOO® CONVEYORS

Conveyor	Figure	Tripod foot	Bipod foot
Robur 1	1	**R1 P3**	**R1 P2**
Robur 2 / 2TB	2	**R2 P3**	**R2 P2**
Robur 3 / 3TB		**R3 P3**	**R3 P2**
Robur 4		**R4 P3**	**R4 P2**
Possible variants	• multi-lane version • inclined conveyor (Figure 3)		

Conveyor	Figure	Tripod foot	Bipod foot
FK	4	**FK P3**	**FK P2**
FS		**FS P3**	**FS P2**
FM	5	**FM P3**	**FM P2**
FC		**FC P3**	**FC P2**
FL	4	**FL P3**	**FL P2**

Flextoo / h'ecoflex Conveyor	Tripod foot Reference	Tetrapod foot Reference
Flextoo-750	**F2 750 P3**	
Flextoo-1200	**F2 1200 P3**	
Flextoo-1500	**F2 1500 P3**	
Flextoo-1800	**F2 1800 P3**	**F2 1800 2P2 120**
Flextoo-2400		**F2 2400 2P2 120**
HEF 1	**HEF 1 P3**	
HEF 2	**HEF 2 P3**	
HEF 3	**HEF 3 P3**	
HEF 4	**HEF 4 P3**	

/ Ø60.3 TUBE LEGS CAB CONVEYORS

CAB conveyor	Tripod foot **CAB...P3**	Tetrapod foot **CAB...2P2 120**
CAB 6	**CAB 6 P3**	
CAB 9	**CAB 9 P3**	
CAB 12	**CAB 12 P3**	
CAB 15	**CAB 15 P3**	
CAB 18	**CAB 18 P3**	**CAB 18 2P2 120**
CAB 21		**CAB 21 2P2 120**
CAB 24		**CAB 24 2P2 120**
H min.		
Without cable raceway	540 mm	
With cable raceway	595 mm	

Option: legs on wheels

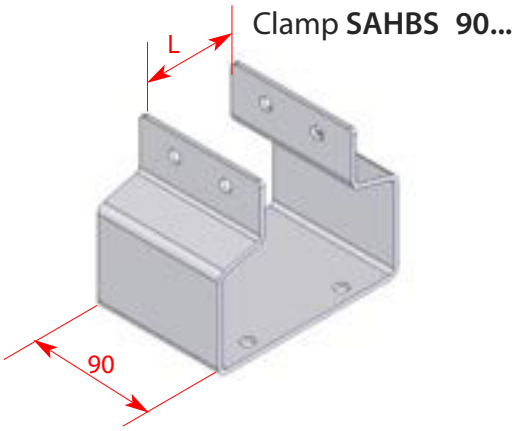
The adjustment jacks are replaced by braked swivelling wheels **A49 125 M16**.
The reference of the leg has the suffix R.

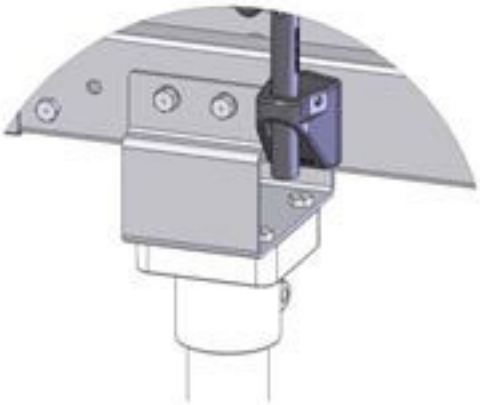
Note: To avoid the instability of legs fitted with wheels, they must be braced

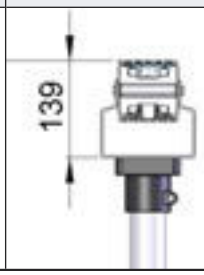
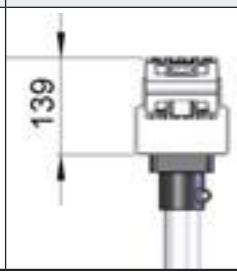
/ Ø60.3 STAINLESS STEEL TUBE LEGS FOR FLEXINOX

In the top part, a stirrup is placed between the horizontal modules and the support head. Fixing by Ø9 holes

Clamp **SAHBS 90...**

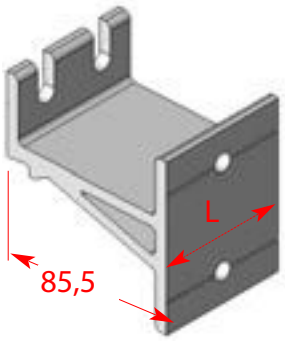




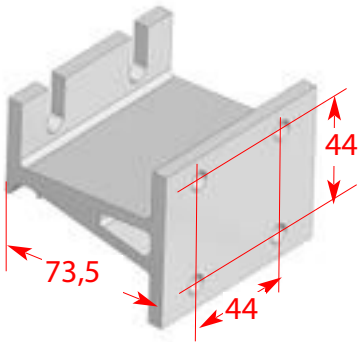
Range	SS	SM	SC
Bipod foot reference	**SS P2**	**SM P2**	**SC P2**
Tripod foot reference	**SS P3**	**SM P3**	**SC P3**
Width L	65	85	105
Clamp	**SAHBS 90S**	**SAHBS 90M**	**SAHBS 90C**
Detail of the mounting of the attachment stirrup on the beam			

/ SIDE MOUNTING BRACKETS

Reference	for	L
FAAL 64	TC 64	64
FAAL 40	FBSB 40x40 or TC44	40

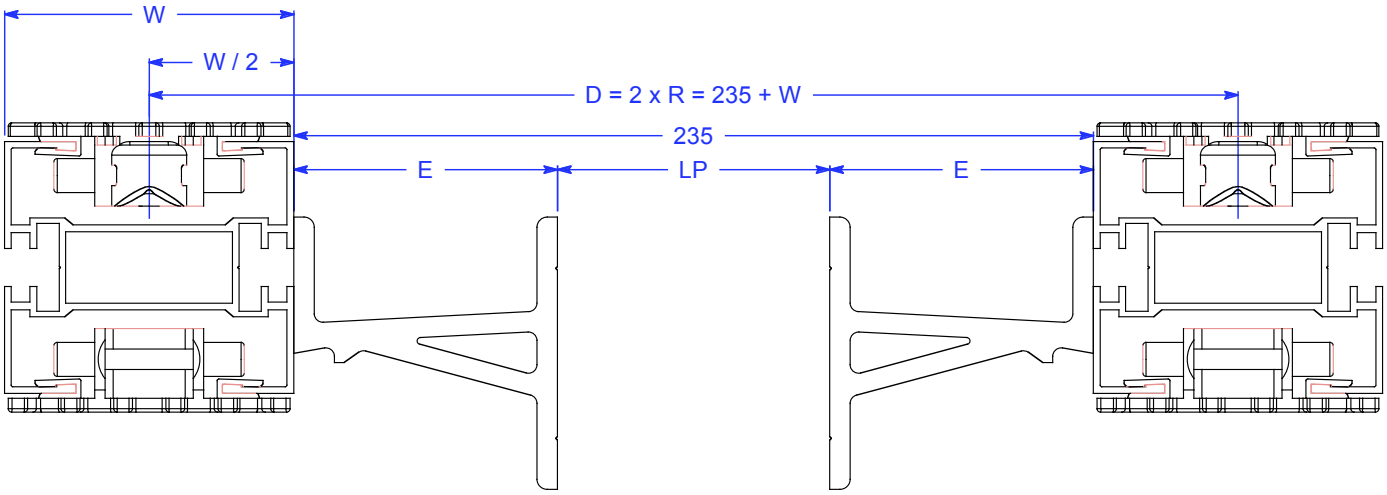


FAAL 88 bracket
for post TC88



Application: serpentine

Dimensions for curves with wheels and for posts (FS, FM, FC)



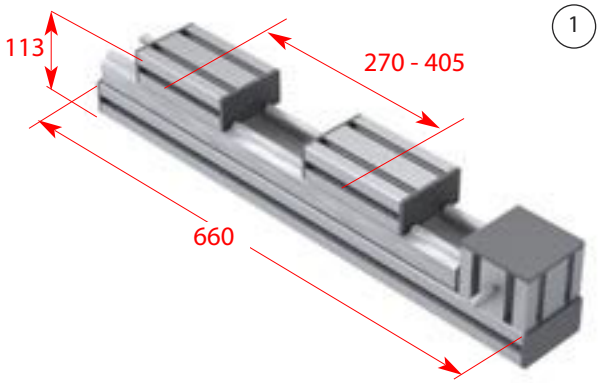
Another example of use

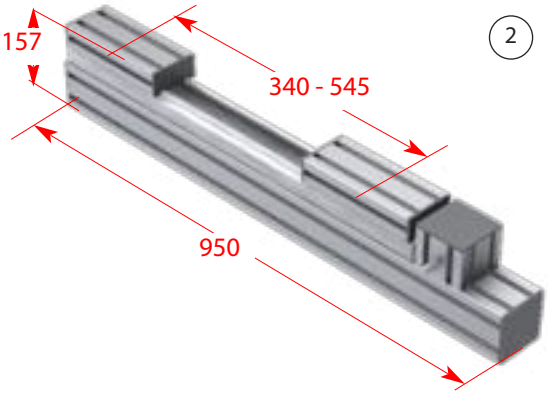
Bracket	E	LP (post)
FAAL 64	85.5	64 square
FAAL 88	73.5	88 square

Series	W	R	2x R - W
FS	65	150	235
FM	85	160	
FC	105	170	

Adjustment module FGLA...
for wedge elevators

Reference	Figure
FGLA 660L	1
FGLA 950L	2





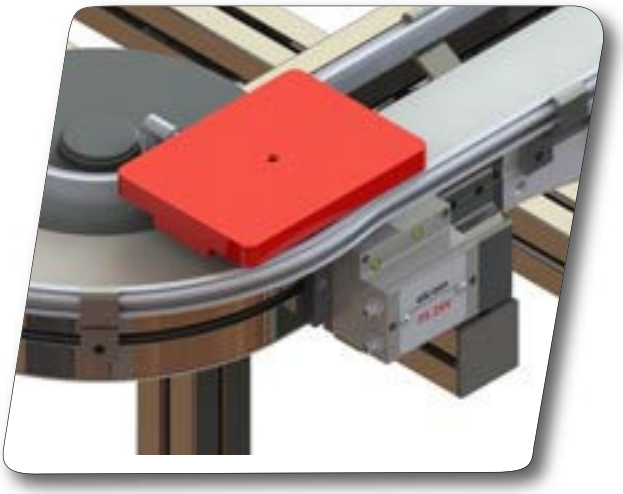
Hand wheel FGAW
FGAW 160x10A
for wedge elevators

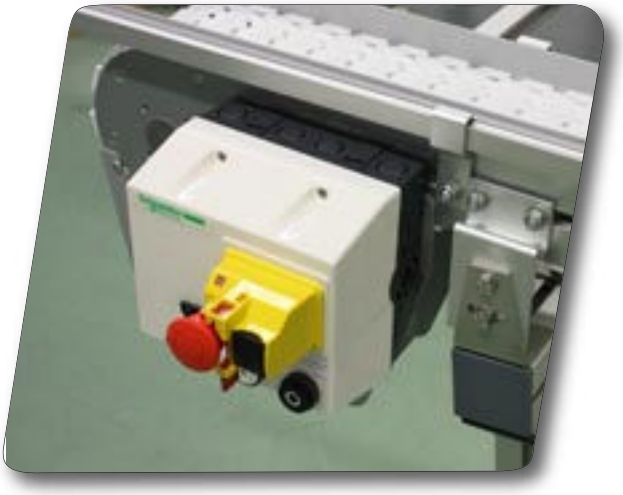
Transmission pin
FGFX 3
Ø25/12 grooved
for corner pieces,
length 3 m.

Corner piece
FGFW 90L
3 protruding shafts Ø10 pinned
88 x 88 x 69

Example of application of the brackets on the previous page:
Lateral mounting of wedge conveyors on adjustment modules **FGLA...**

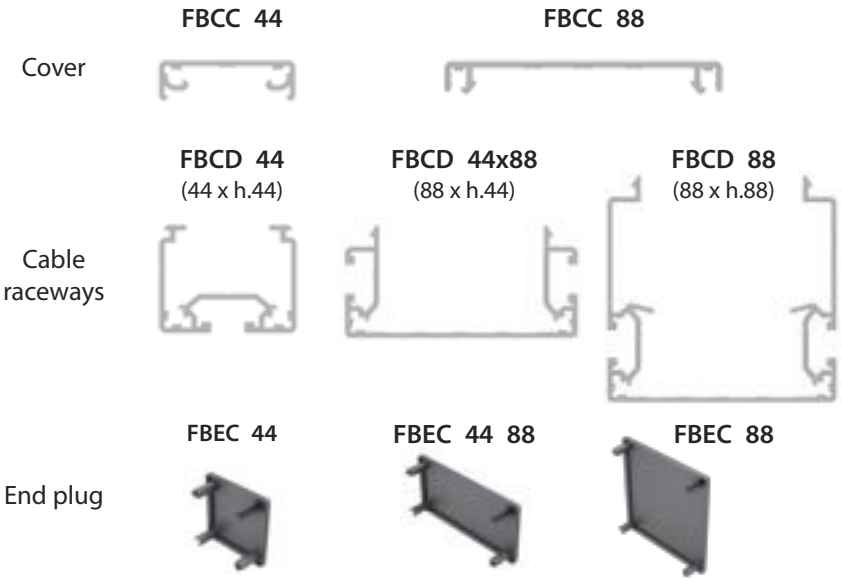
• EQUIPEMENT





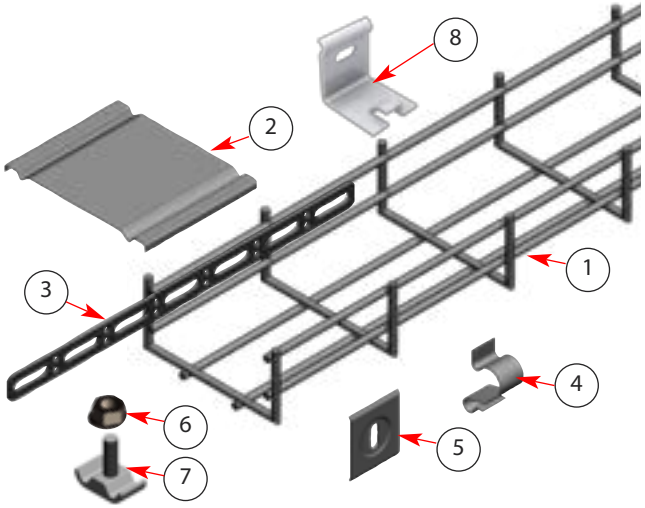
Aluminium cable raceways with covers Standard length 3m

Fish plates not included: FACS 20x130a; compatible fastenings: FASN..., FAHN..., FATB..., and FASB... on page 104.



Welded wire cable raceways

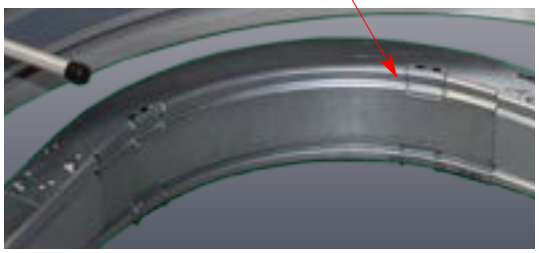
	Reference	Item
Wire cable raceway Zinc plated steel (100 x h.54 mm)	**CABLE UF 54x100**	1
Zinc plated steel cover (option)	**CVR UF100**	2
Fish plate	**ECLISSE UF300**	3
Mounting clips	**CLIPS UF**	4
Backing plate	**CLAME UF**	5
Self-locking nut ØM6	**ECROU TWOLOCK M6**	6
Small fish plate	**ECLISSE UF30**	7
Side Bracket	**PATTE UF**	8

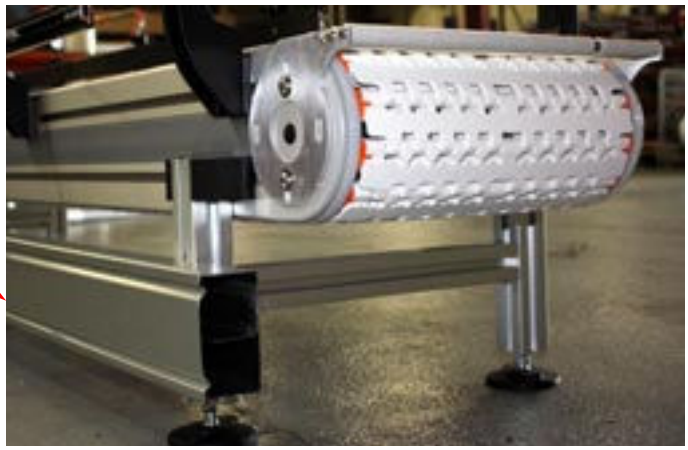


Steel cable raceways

Cable raceway
(100 x h.54 mm)
internal partition (option)

Exists straight and curved





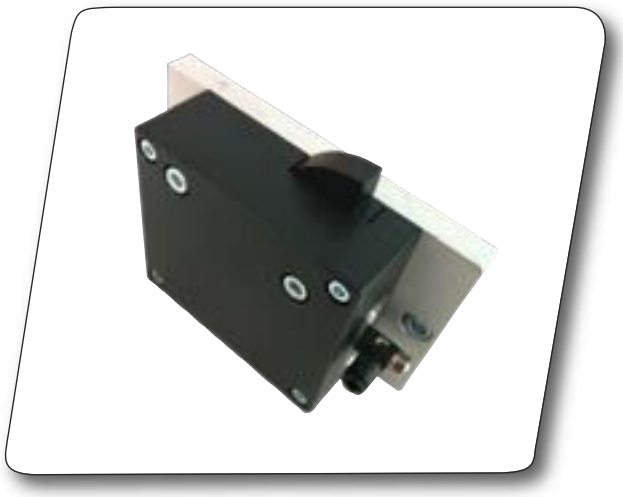
1/4 turn fasteners on Flex, Flextoo, CAB or TC 64 frame for cable, pipe up to Ø 20 and polyamide collar up to 10 x 2 mm.

FBSC 10

/ STOPS ON REQUEST : EXAMPLES

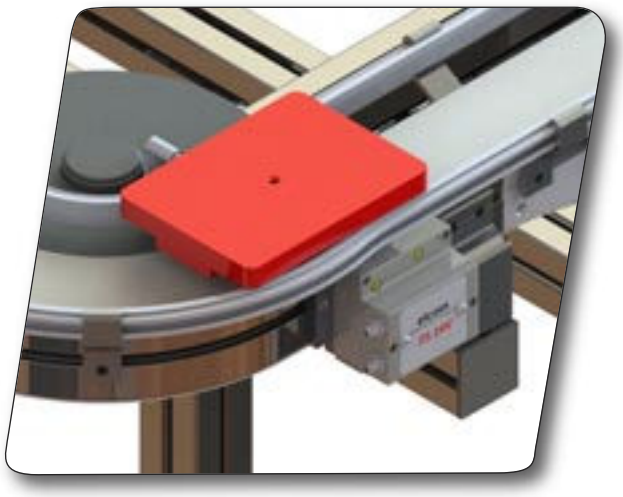
Stops for Flex conveyors

longitudinal stop force : 20daN, available in 2 patented versions:



/ Pneumatic end stops for slats

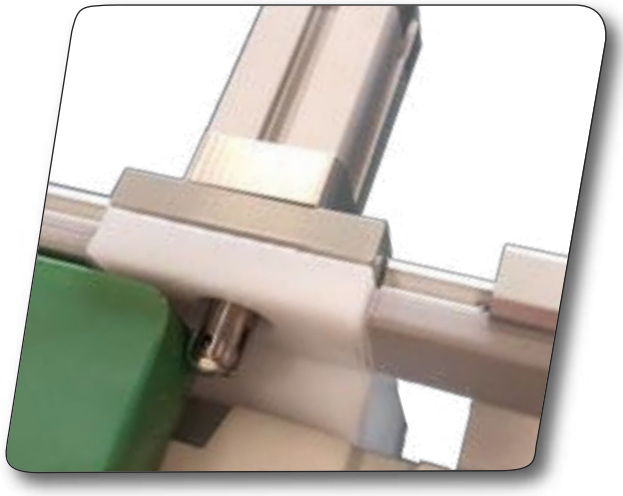
- Economic
- Ultra compact

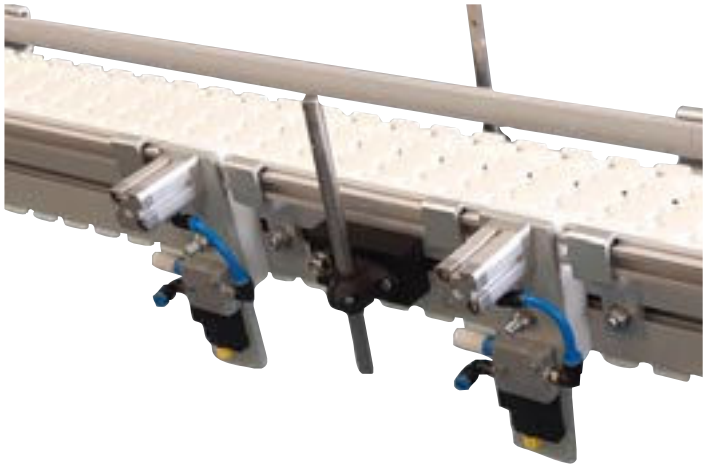


/ Electric end stop for slats

- 24 V Power supply
- No need for air supply
- Noise reduction

Pneumatic stops for straight Flex module

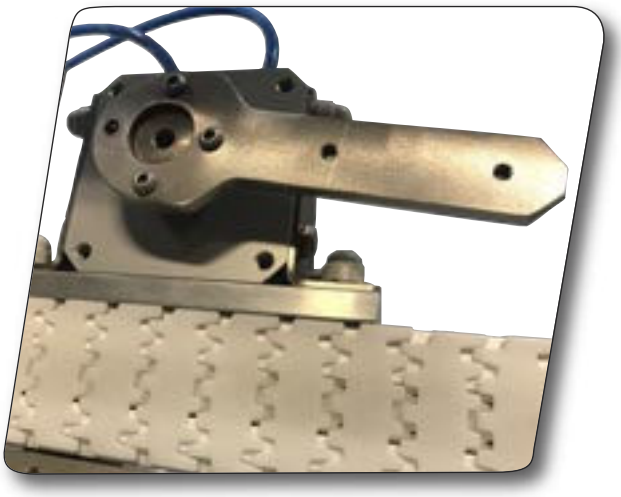




Equipement

/ FLEXTOO PNEUMATIC END STOP

/ DIVERTER ON REQUEST EXAMPLES



/ diverter by pneumatic rotary jack:

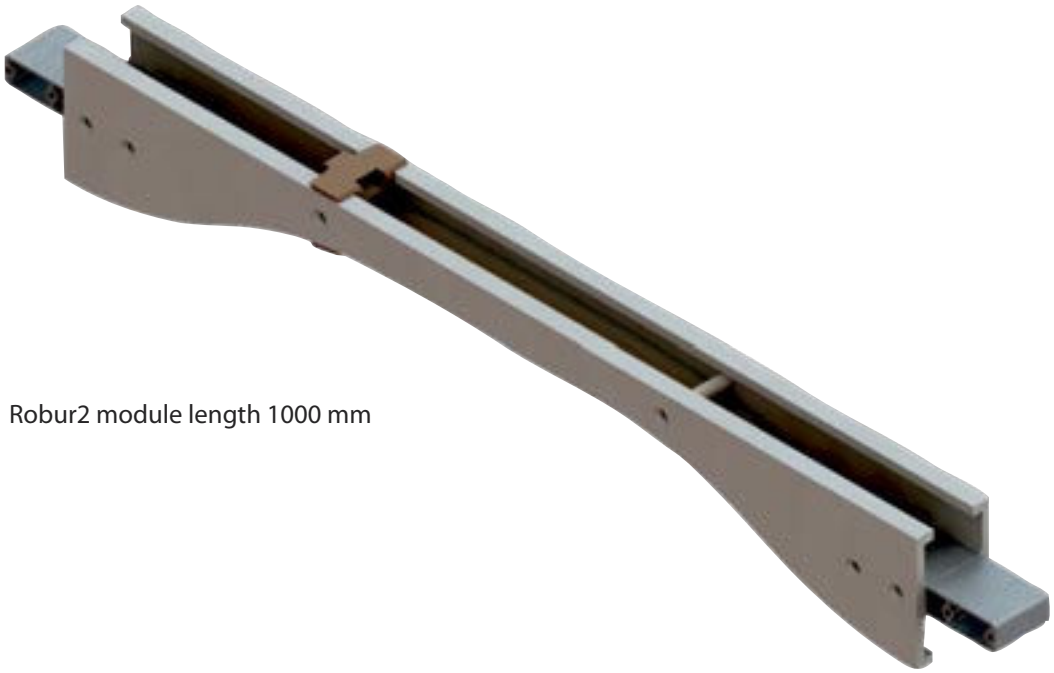
The jack is fitted with a metal arm which is covered with a piece of plastic.

The extreme positions are adjustable by means of screws.

/ METAL DETECTOR MODULES
examples of production on request

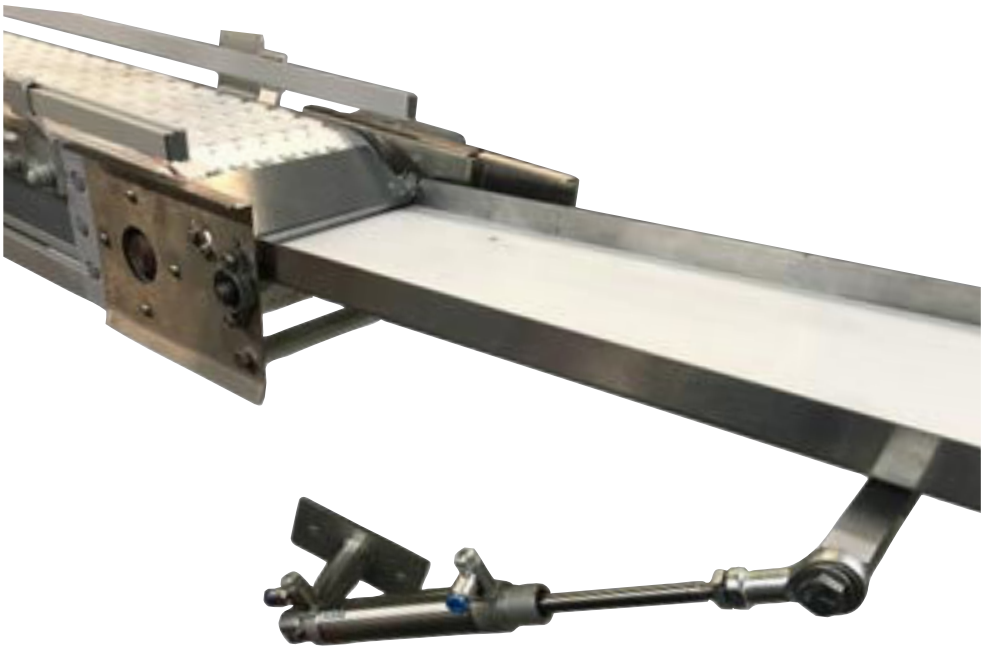
The sidewalls are machined from HD PE and assembled with plastic screws in the detection area.
The chains are fitted with plastic pins, which slightly reduces their elastic limit.
The chain return can also be provided under the detector.
These modules are available for all our modular conveyor ranges.

Flex Module FC length 1300 mm



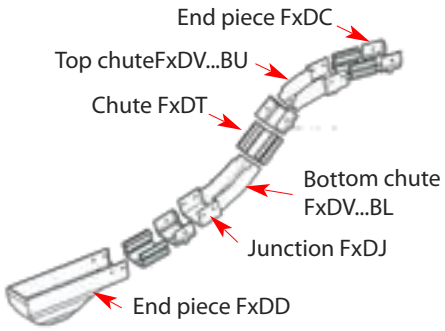
Robur2 module length 1000 mm

/ HINGED CHUTES
examples of production on request



/ DRAIN GUTTERS AND TRAYS
FOR THE FLEX FK, FS, FM & FC RANGES

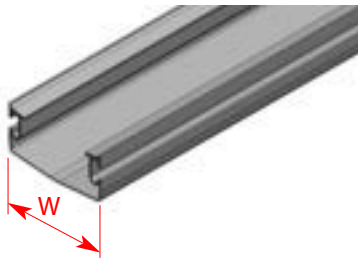
They are used to keep workshops safe and clean when wet or oily parts are transported. They can also be used to secure conveyors with lug chains.



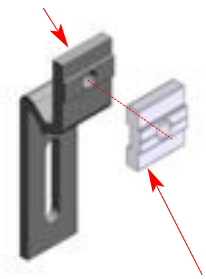
Conveyor	Width of conveyor	Chute width W
FK	45	107
FS	65	
FM	85	127
FC	105	147

Aluminium chutes length 3 m for straight modules

Conveyor	Straight chutes	W	Junction trays	H
FK-FS	**FSDT 3x107B**	107	**FSDJ 107B**	90
FM	**FMDT 3x127B**	127	**FMDJ 127B**	111
FC	**FCDT 3x147B**	147	**FCDJ 147B**	108

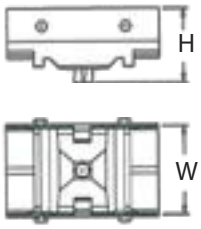


Chute mounting system
FADB 21x100



Spacer
FGRD-10 (th. 10)
for FK series

Junction trays F...DJ... are used to assemble 2 lengths of aluminium chutes together. Curves or end chutes do not require connecting pieces.
Additional possibility of fish plating with **FACS-20x130A**.



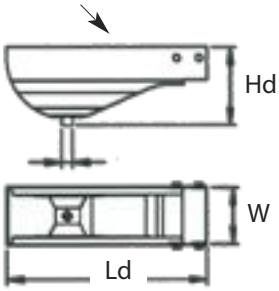
Equipement

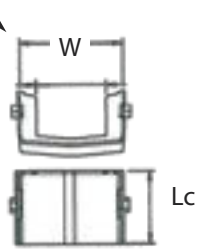
/ DRAIN GUTTERS AND TRAYS
FOR THE FLEX FK, FS, FM & FC RANGES

Thermoformed chutes End pieces

Conveyor	Flat end piece Reference	Hollow end piece Reference	W	Hd	Ld	End piece	Lc
FK-FS	**FSDE 107B**	**FSDD 107B**	107	155	392	**FSDC 107B**	74
FM	**FMDE 127B**	**FMDD 127B**	127	163	434	**FMDC 127B**	74
FC	**FCDE 147B**	**FCDD 147B**	147	171	434	**FCDC 147B**	72

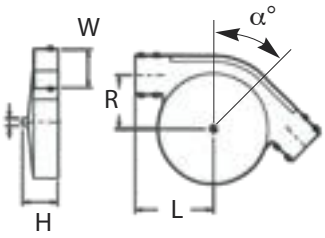
Male union Ø1/2" gas





Thermoformed drain trays for curved modules with wheels

				For curves with wheels of... (α°)			
Conveyor	L	H	R	30°	45°	90°	180°
FK-FS	180	103	150	**FSDH 30x107B**	**FSDH 45x107B**	**FSDH 90x107B**	**FSDH 180x107B**
FM	220	119	160	**FMDH 30x127B**	**FMDH 45x127B**	**FMDH 90x127B**	**FMDH 180x127B**
FC	225	120	170	**FCDH 30x147B**	**FCDH 45x147B**	**FCDH 90x147B**	**FCDH 180x147B**



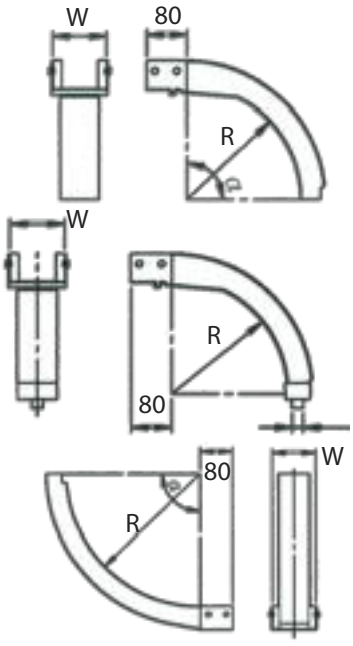
Male union Ø1/2" gas

Thermoformed chutes for vertical curves

		Top chutes for curves of... (α°)			
Conveyor	R	30°	45°	90°	180°
FK-FS	227	**FSDV 30x107BU**	**FSDV 45x107BU**	**FSDV 90x107BU**	**FSDV 180x107BU**
FM	310	**FMDV 30x127BU**	**FMDV 45x127BU**	**FMDV 90x127BU**	**FMDV 180x127BU**
FC	310	**FCDV 30x147BU**	**FCDV 45x147BU**	**FCDV 90x147BU**	**FCDV 180x147BU**

		Idem, with male union Ø1/2" gas for curve of 90°			
FK-FS	230			**FSDV 90x107B**	
FM	310			**FMDV 90x127B**	
FC	310			**FCDV 90x147B**	

		Bottom chutes for curves of... (α°)			
Conveyor	R	30°	45°	90°	
FK-FS	330	**FSDV 30x107BL**	**FSDV 45x107BL**	**FSDV 90x107BL**	
FM	430	**FMDV 30x127BL**	**FMDV 45x127BL**	**FMDV 90x127BL**	
FC	430	**FCDV 30x147BL**	**FCDV 45x147BL**	**FCDV 90x147BL**	



/ DIRECT DRIVES

Direct mounting, with hollow shaft geared motor, fixed speed, single stage reduction.
Possibility of variable speed, very low speed (with 2 stage gearbox): consult us.

Conveyor range→ ↓ Geared motor	Power (W)	Hollow shaft	Flex F45	Flex FK & FS compact	Flex FK, FS, FM,-FC-FL CM-FB	Robur	h'ecoflex	Flextoo	CAB
Recommended maximum speeds (depending on conveyor geometry) :			20 m/mn	60 m/mn		40 m/mn	50 m/mn	80 m/mn	
RGM (24V-50 Hz)*	28-54W	Ø8	18 m/mn						
SEW WA 10 (bride Ø80)	90-180W	Ø16		7,4-55 m/mn					
SEW WA 20	120-550W	Ø20			≥ 4,8 m/mn	≥ 4,1 m/mn	≥ 3,6 m/mn	≥ 5 m/mn	≥ 5,5 m/mn
LENZE B45	90-370W	Ø20			≥ 9 m/mn		≥ 7,5 m/mn	9-65 m/mn	
SEW WA 30	180-750W	Ø20			≥ 4,8 m/mn	≥ 4,1 m/mn	≥ 3,6 m/mn	≥ 5 m/mn	≥ 5,5 m/mn
SEW WA 29	90-750W	Ø20			3-13 m/mn	3-13 m/mn		3-75 m/mn	3-15 m/mn
SEW WA 37	180-1100W	Ø20			≥ 8,0 m/mn	≥ 6,9 m/mn	≥ 6,1 m/mn	≥ 8,4 m/mn	≥ 9,1 m/mn
SEW WA 19	90-750W	Ø20							
SEW WA 39	120-750W	Ø30				2,3-11 m/mn		2-80 m/mn	2,5-12 m/mn
LENZE B110	120-1100W	Ø20			5-65 m/mn		4-33 m/mn	5-40 m/mn	
SEW SA 37	120-750W	Ø20			41 m/mn	2,6-29 m/mn	2-28 m/mn	2,6-34 m/mn	2,8-32,5 m/mn
SEW KA 37	180-1100W	Ø30				3,7-26 m/mn		3,4-30 m/mn	3,7-33 m/mn
SEW SA 47	180-1100W	Ø 20-30-35				2,3-36 m/mn		2,3-35 m/mn	2,5-38 m/mn

*RGM +torque arm

- We recommend that gearmotors should not be oversized.
- The forces applied to the chain or belt must be controlled, either by controlling the motor current or by precise adjustment of the torque limiters. For the calculation of forces and other motorisation versions, please consult our design office.
- The speeds in the table above are for a 50 Hz power supply.
- Thanks to the frequency variation, it is possible to have a speed range of 1 to 5 (10 to 50 Hz), or even 1 to 10 (10 to 100 Hz)
- For high speeds (>20 m/min) a progressive start is essential.
- The heavier SA(F) and KA(F) geared motors require additional support.

SEW WAF 10

SEW WAF 29

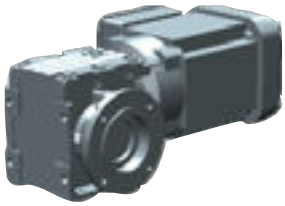
SEW SA 37

SEW WAF 20

SEW WA 19

SEW KA 37

SEW WAF 30



SEW WA 39

SEW SA 47

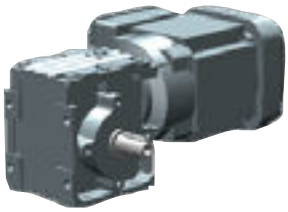
LENZE B45

/ DRIVES WITH TRANSMISSION

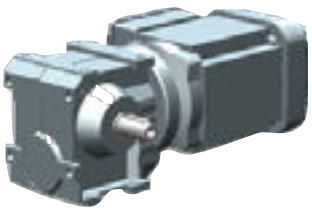
and torque limiter, with geared motor on output shaft: on request, especially with geared motors of the following series :

SEW W 20

SEW W 30



SEW S 37



/ STARTER BOXES

Direct starters with motor circuit breaker, switch and emergency stop for 3-phase motor 400 V 50 Hz

Compliance with standards IEC 60204-1, IEC 60947-4-1, polycarbonate material

Motor power (* number of poles)	Adjustment range of the thermal circuit breaker (A)	Version A	Version B
60 W	0,16 - 0,25	**DRTA02**	**DRTB02**
90 W	0,25 - 0,40	**DRTA03**	**DRTB03**
120 & 180 W	0,40 - 0,63	**DRTA04**	**DRTB04**
250 & 370 W (2p/4p)*	0,63 - 1	**DRTA05**	**DRTB05**
370 W (6p)* & 550 W *MM03 370W 1,3A* *MM05 550W 1,6A*	1 - 1,6	**DRTA06**	**DRTB06**
750 W & 1,1 kW *MM07 0,75 kW 1,9A* *MM11 1,1 kW 2,4A*	1,6 - 2,5	**DRTA07**	**DRTB07**
1,5 kW *MM15 1,5 kW 3,5A*	2,5 - 4	**DRTA08**	**DRTB08**
2,2 kW	4 - 6,3	**DRTA10**	**DRTB10**
Supply	3-phase 400	✔	✘
	3-phase 400+N	✔	✔
Possibility of remote emergency stop		✘	✔ in 230 V

Options for Movimot®

variable speed drive fitted with a motor on-off control, enabling the integral functionalities of the variable speed drive (acceleration / deceleration slopes) to be used.

Emergency stop, compatible with version B
ref: **DRTAU**

Control +/- fast

- LEGAL NOTICE

European conformity of modular conveyor elements Flex, Flextoo®, Robur®, CAB

European Directive 2006/45/EC translated into French law - decree of 7.11.2008

In application of articles R4313-7 to R4313-11 of the French Labour Code, concerning "partly completed machinery", the Faber company certifies the conformity of the conveyor modules to the Essential Health and Safety Requirements.

Note: conveyors are considered as "quasi-machines" because they do not generally ensure the process alone (incorporation into a packaging line, management of the arrival and evacuation of products, layout of workstations, control and protection devices by the integrator).

- The **relevant technical documentation** is contained in this catalogue,
- the assembly instructions are included with the delivery of the equipment
- the invoice is accompanied by its certificate (declaration) of incorporation.

Reasonably foreseeable misuse:

Modular conveyors are not intended for the transport of people. They are not designed to be used as a means of access:

The conveyor must not be climbed on, either on or off. The legs used must comply with the rules of the trade.

Whenever the geometry of the installation requires it, the conveyor legs must be fixed to the floor (the bases of the square legs are drilled or pre-drilled for this purpose).

Operating elements :

As a rule, our electrical supply is limited to geared motors. On request, we can supply "on/off" control boxes (according to EN 60204-1 /10.2).

It is up to the integrator to complete, if necessary, depending on the environment, with additional stop or consignment controls, as well as disconnecting means (Annex 1-1.2.2 and following).

Installation, adjustment, maintenance, troubleshooting

The installation of the chain or belt is usually done with a drive module, the removable part of which is fixed by screws.

The drive modules have side covers to protect the slack strand. For modules with a transmission, a screw-fastened protective cover is provided.

Curved modules with wheels are equipped with a housing between the plates.

All these covers must be fitted at installation and checked regularly for correct fitting. (Appendix 1 -.1.4.2.1).

Drive modules with transmission have an integrated torque limiter, which limits the forces applied to the belt or chain. The correct setting of this clutch does not mean that the various input points should not be sealed.

Risk analysis:

- The enclosure of "soft strands" (if present) is only provided laterally, in order to avoid creating re-entrant points at the periphery of the winding on the sprocket. In the particular case of transfer at the end of a conveyor, there is an inward point between the chain or belt and the transfer plate. The operating personnel must be informed and protected from this risk of entrapment.
- Risk of catching or pinching:

If personnel are working in the vicinity of the conveyor, there is a moderate risk of catching loose clothing, ties, untied hair, etc., or of pinching them. This should be controlled by appropriate instructions or protection.

- belt or chain with cleats :

The presence of cleats prevents any slipping. Consequently, any device perpendicular to the movement (guide support, foot, etc.) creates a dangerous point. The integrator must take into account the control of this risk.

- Static risks: in case of explosive environments, the materials of the chain or belt, the sliding profile and the sprockets can be antistatic (on request only).

The assembly instructions include detailed instructions for assembly, installation, commissioning, operation, adjustment, maintenance and troubleshooting.

In the case of a conveyor pre-assembled in our workshops, the noise level and speed are mentioned on the declaration of incorporation.

Languages of documents :

This catalogue and the assembly instructions are available in English, French and German. If another European language is required by the integrator/machine manufacturer, this must be agreed upon if possible during consultation, and at the latest at the time of ordering.

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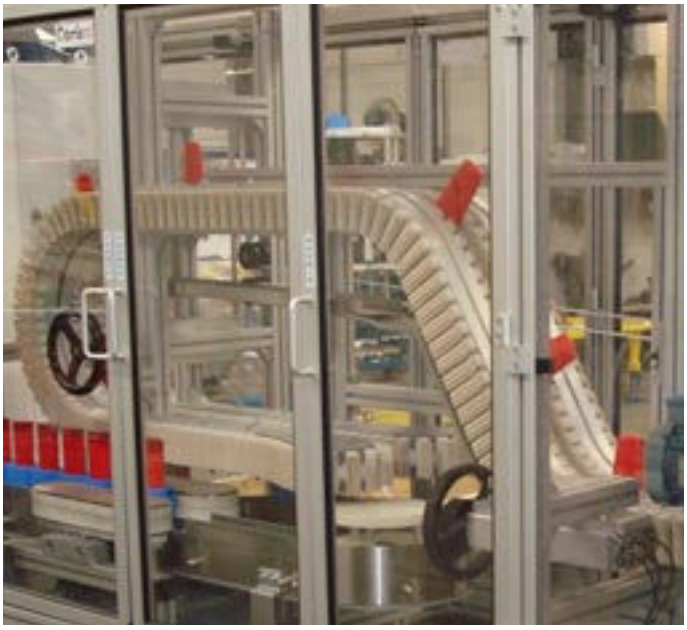
FABER is also...
CORIS® conveyor solutions.

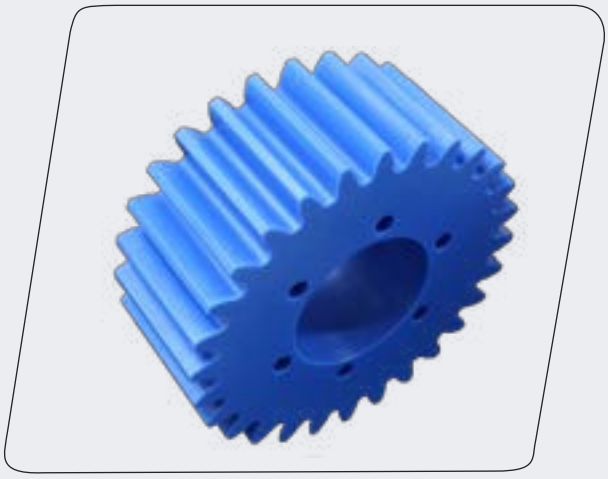


MOOVITIQUE

FABER, is also :

Screws, multi-format tooling
for packaging lines

Twisters
for packaging lines



Machined plastic parts

Coris® solutions
for packaging lines

Hellomoov® 2022-7/F/C/CONV/DE

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