

F1



Belt characteristics

- Polyurethane flat belt with steel tension cords
- It is mainly used in lifting applications where there is no need for synchronization
- Allows the use of small diameter pulleys and compact drive design
- Black colour as standard
- Maintenance free
- Reduced thickness tolerance available on request

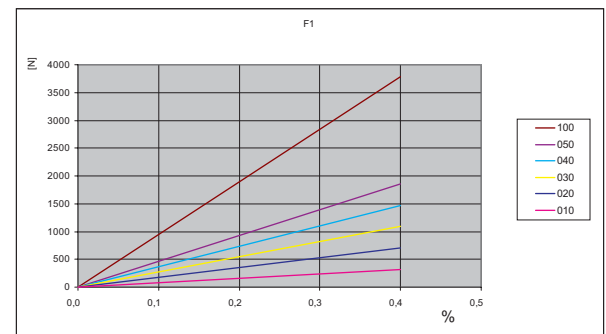
Technical data

Belt width b [mm]	Allowable tensile load Type M F_{Tzul} [N]	Allowable tensile load Type V F_{Tzul} [N]	Breaking load Type M F_{Br} [N]	Specific spring rate C_{spez} [N]	Weight [kg/m]
10	320	160	1250	80000	0,02
20	700	350	2750	175000	0,04
30	1090	545	4250	272500	0,05
40	1470	735	5750	367500	0,08
50	1860	930	7250	465000	0,09
100	3780	1890	14750	945000	0,21

Other widths are available on request.

- Width tolerance: $\pm 0,5$ [mm]
- Thickness tolerance: $\pm 0,2$ [mm]

Load / Elongation [%]

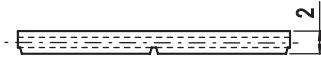


Minimum pulley diameter	Drive without reverse bending [mm]	Drive with reverse bending [mm]
	16	30

Specialties

PROFILE	Belt width b [mm]	ARAMID CORD	
		F_{Tzul} [N] M type	F_{Br} [N]
F1	010	700	2800
	020	1540	6160
	030	2380	9520
	040	3220	12880
	050	4060	16240
	100	8260	33040

F2



Belt characteristics

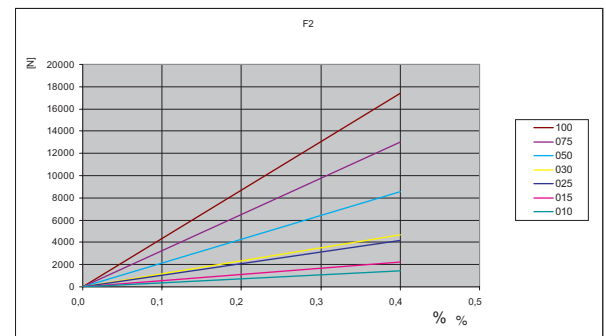
- Polyurethane flat belt with steel tension cords
 - It is mainly used in lifting application where there is no need for synchronization
 - Allows the use of small diameter pulleys
 - Black colour as standard
 - Maintenance free
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- Width tolerance: $\pm 0,5$ [mm]
 - Thickness tolerance: $\pm 0,2$ [mm]

Technical data

Belt width b [mm]	Allowable tensile load Type M F_{Tzul} [N]	Allowable tensile load Type V F_{Tzul} [N]	Breaking load Type M F_{Br} [N]	Specific spring rate C_{spez} [N]	Weight [kg/m]
10	1470	735	5700	367500	0,03
15	2210	1105	8550	552500	0,05
25	4170	2085	16150	1042500	0,08
30	4660	2330	18050	1165000	0,10
50	8580	4290	33250	2145000	0,17
75	12990	6495	50350	3247500	0,25
100	17400	8700	67450	4350000	0,34

Other widths are available on request.

Load / Elongation [%]

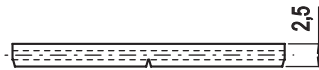


Minimum pulley diameter	Drive without reverse bending [mm]	Drive with reverse bending [mm]
	50	100

Specialties

PROFILE	Belt width b [mm]	ARAMID CORD		STAINLESS STEEL	
		F_{Tzul} [N] M type	F_{Br} [N]	F_{Tzul} [N] M type	F_{Br} [N]
F2	010	1140	4740	1080	4500
	015	1710	7110	1620	6750
	025	3230	13430	3060	12750
	030	3610	15010	3420	14250
	050	6650	27650	6300	26250
	075	10070	41870		
	100	13490	56090		

F2,5



Technical data

Belt width b [mm]	Allowable tensile load Type M F_{Tzul} [N]	Allowable tensile load Type V F_{Tzul} [N]	Breaking load Type M F_{Br} [N]	Specific spring rate C_{spez} [N]	Weight [kg/m]
20	5330	2665	19444	1332500	0,08
25	6670	3335	24306	1667500	0,09
50	14400	7200	52500	3600000	0,18
75	20000	10000	72917	5000000	0,27
100	29280	14640	106750	7320000	0,36
120	34560	17280	126000	8640000	0,45

Other widths are available on request.

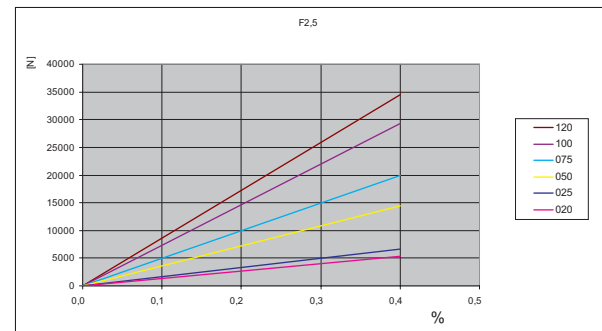
Minimum pulley diameter	Drive without reverse bending [mm]	Drive with reverse bending [mm]
	120	150

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Load / Elongation [%]



F3



Technical data

Belt width b [mm]	Allowable tensile load Type M F_{Tzul} [N]	Allowable tensile load Type V F_{Tzul} [N]	Breaking load Type M F_{Br} [N]	Specific spring rate C_{spez} [N]	Weight [kg/m]
25	6800	3400	25600	1700000	0,11
30	10200	5100	38400	2550000	0,12
60	21250	10625	80000	5312500	0,24
120	43350	21675	163200	10837500	0,48

Other widths are available on request.

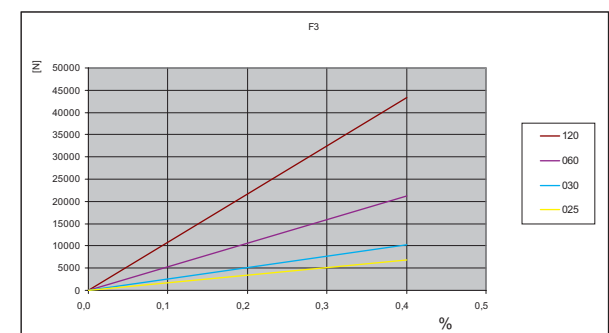
Minimum pulley diameter	Drive without reverse bending [mm]	Drive with reverse bending [mm]
	120	150

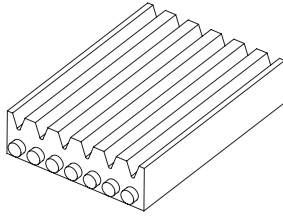
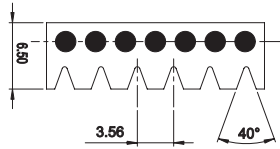
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Load / Elongation [%]





Belt characteristics

- Polyurethane Poly-V belt with K profile and high tensile load steel cords for high performance and increased flexibility
- The Poly-V profile allows torque high transmission, small pulley diameter
- Low noise generation
- Widely used in lifting applications

- Width tolerance: $\pm 1,0$ [mm]
- Thickness tolerance: $\pm 0,4$ [mm]

Technical data

Belt width b [mm]	Allowable tensile load Type M F_{Tzul} [N]	Allowable tensile load Type V F_{Tzul} [N]	Breaking load Type M F_{Br} [N]	Specific spring rate C_{spez} [N]	Weight [kg/m]
25	7700	3850	31500	1925000	0,35
50	17600	8800	72000	4400000	0,70
75	27500	13750	112500	6875000	1,10
100	37400	18700	153000	9350000	1,45
150	55000	27500	225000	13750000	2,20

Other widths are available on request.

Load / Elongation [%]

