

Technical data

SOLUTUS® Endless-Leather and fleece belts

Solutus- flat belts consist of endlessly wound polyester yarns on a basis of leather or fleece plies.

Standard-Types: LP running side leather / cover PU red
 LL running side leather / cover leather
 VP running side fleece / cover PU red
 VV running side fleece / cover fleece

Special design: LP 63 S running side leather / cover PU, steel cord wound
 LL 63 S running side leather /cover leather, steel cord wound

Dimensions: Length 700 – 7000 mm
 Width 5 – 200 mm

Type	Force at 1 % elongation	Thickness	Minimum pulley diameter
	[N / cm]	[mm]	[mm]
LP 06 E	80	2.0	30
LP 09 E	180	2.2	40
LP 15 E	270	2.5	50
LL 06 E	80	3.0	50
LL 09 E	180	3.2	70
LL 15 E	270	3.7	90
VP 06 E	80	1.2	20
VP 09 E	180	1.4	30
VP 15 E	270	1.7	40
VV 06 E	80	2.5	50
VV 09 E	180	2.7	70
LP 63 S	2400	2.5	100
LL 63 S	2400	3.5	150

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Approx. power transmission (kW/cm belt width)

Belt speed	Type 06	Type 09	Type 15
[m / s]	[kW / cm]	[kW / cm]	[kW / cm]
1	0.10	0.15	0.20
2	0.20	0.28	0.45
3	0.28	0.40	0.62
4	0.37	0.52	0.90
5	0.44	0.67	1.11
6	0.55	0.82	1.26
7	0.63	0.96	1.48
8	0.68	1.11	1.63
9	0.78	1.26	1.85
10	0.89	1.33	2.07
12	1.11	1.63	2.45
14	1.24	1.85	2.95
16	1.33	2.05	3.30
18	1.55	2.30	3.55
20	1.78	2.75	4.15
25	2.20	3.30	5.10
30	2.75	3.80	6.30

Pretension: 0.8 – 1.0 %