

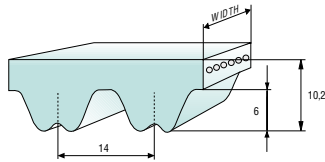
MEGALINEAR

RPP14 XHP2 OPEN-ENDED

STANDARD WIDTHS (mm)	40	55	85	115	150
Weight (gr/m)	635	924	1443	1963	2598

Standard compound	black polyurethane thermoplastic 92 ShA
Standard back cover	none
Standard tooth cover	black nylon NFT
Standard cords	S and Z torsion zinked steel
Standard width tolerance	+/- 1 mm
Standard thickness	10,2 +/- 0,5 mm
Standard length tolerance	-0,4/-1,2 mm/m
Standard roll length	100 m

TOOTH PROFILE ACCORDING TO
ISO 13050



TOOTH RESISTANCE

RPM (1/min)	0	20	40	60	80	100	200	300	400	500	750	1000	1500	2000	3000	4000	5000
F _{p spec} (N/cm)	154	151	149	146	144	141	130	122	116	111	100	93	83	68	57	44	33

Minimum suggested number of teeth in clamp for linear movement: 12

TRACTION RESISTANCE

CORD MATERIAL	BELT WIDTH (mm)	40	55	85	115	150
Steel	Max Traction Load (N)	21180	33345	52105	76935	101825
	Breaking Strength (N)	87120	126720	198000	269280	356400
	Elongation at MTL (mm/m)	4	4	4	4	4

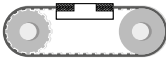
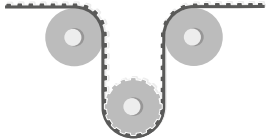
Average values

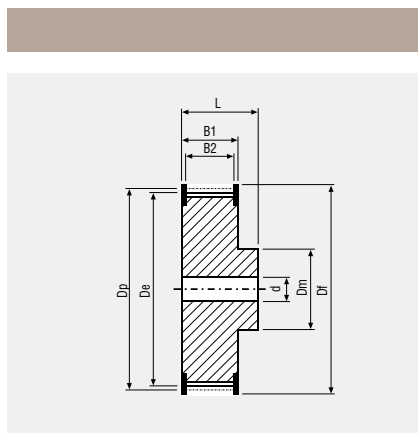


MEGALINEAR

RPP14 XHP2 OPEN-ENDED

FLEXION RESISTANCE

		
	Z_{MIN}	Z_{MIN} IDLER MIN DIA (mm)
Standard steel cords	32	34 250



PULLEYS

THERE ARE SPECIAL REQUIREMENTS FOR PULLEYS WITH LESS THAN 44 TEETH. PLEASE CONTACT MEGADYNE' STAFF FOR MORE INFORMATION.

N° TEETH	DP	DE
32	142,60	139,81
34	151,52	148,73
36	160,43	157,64
38	169,34	166,55
40	178,25	175,46
44	196,08	193,29
48	213,90	211,11
56	249,55	246,76
64	285,20	282,41

N° TEETH	DP	DE
72	320,86	318,07
80	356,51	353,72
90	401,07	398,28
112	499,11	496,32
144	641,71	638,92
168	748,66	745,87
192	855,61	852,82
216	962,57	959,78

TYPICAL BELT APPLICATION

