



AT10 PRO (M/V)		Specific tooth force			
R.p.m. n [min <sup>-1</sup> ]	F <sub>tspec</sub> [N/cm]	R.p.m. n [min <sup>-1</sup> ]	F <sub>tspec</sub> [N/cm]	R.p.m. n [min <sup>-1</sup> ]	F <sub>tspec</sub> [N/cm]
0	87,50	1200	56,19	3600	37,93
20	86,22	1300	54,95	3800	36,97
40	85,01	1400	53,79	4000	36,06
60	83,88	1500	52,70	4500	33,97
80	82,81	1600	51,66	5000	32,08
100	81,80	1700	50,68	5500	30,36
200	77,43	1800	49,75	6000	28,79
300	73,87	1900	48,86	6500	27,33
400	70,88	2000	48,01	7000	25,98
500	68,29	2200	46,41	7500	24,72
600	66,02	2400	44,94	8000	23,54
700	63,98	2600	43,58	8500	22,43
800	62,15	2800	42,30	9000	21,37
900	60,47	3000	41,11	9500	20,38
1000	58,94	3200	39,99	10000	19,43
1100	57,51	3400	38,93		

Belt widths b [mm]				
25	32	50	75	100

AT10 PRO (M/V)	Available lengths and versions
Standard delivery lengths (M)	50 or 100-metre roll
Cut to lengths / lengths > 100 m	on request
Minimum length joined (V)	880 mm
Standard material	TPUAU1, FDA-compliant
Belt colour	blue
Belt widths	only belt widths listed in the table available

BRECOprotect® 100 AT10 PRO 50000 M	
Width b	
Type/pitch	
Length in mm	
By-the-metre product	

AT10 PRO (M/V)		Admissible tension cord strength F <sub>Tadm</sub> / Specific elasticity / Belt weight					
Belt widths	b [mm]	25	32	50	75	100	
M	Steel tension member	F <sub>Tadm</sub> [N]	4250	5500	8500	12750	17000
	Specific elasticity	C <sub>spec</sub> [N]	1,06·10 <sup>6</sup>	1,37·10 <sup>6</sup>	2,12·10 <sup>6</sup>	3,18·10 <sup>6</sup>	4,25·10 <sup>6</sup>
V	Steel tension member	F <sub>Tadm</sub> [N]	2125	2750	4250	6375	8500
Belt weight	Standard	[kg/m]	0,158	0,186	0,290	0,436	0,581

Calculation as per specifications for BRECO® M and BRECO® V timing belts.

AT10 PRO (M/V)		Flexibility (minimum tooth count/minimum diameter)		
		Steel tension member		
		M		V
 z <sub>min</sub> d <sub>min</sub>	Without contraflexure	z <sub>min</sub>	18	18
		d <sub>min</sub> [mm]	60	60
 z <sub>min</sub> d <sub>min</sub>	With contraflexure	z <sub>min</sub>	25	25
		d <sub>min</sub> [mm]	120	120

