



AT20 PRO (M/V)		Specific tooth force			
Rpm n [rpm]	F <sub>spec</sub> [N/cm]	Rpm n [rpm]	F <sub>spec</sub> [N/cm]	Rpm n [rpm]	F <sub>spec</sub> [N/cm]
0	175.000	1200	98.938	3600	56.081
20	171.733	1300	96.018	3800	53.854
40	168.692	1400	93.279	4000	51.735
60	165.847	1500	90.700	4500	46.843
80	163.175	1600	88.264	5000	42.440
100	160.655	1700	85.956	5500	38.437
200	149.850	1800	83.762	6000	34.767
300	141.179	1900	81.673	6500	31.380
400	133.936	2000	79.678		
500	127.717	2200	75.940		
600	122.268	2400	72.494		
700	117.419	2600	69.299		
800	113.051	2800	66.319		
900	109.077	3000	63.528		
1000	105.432	3200	60.904		
1100	102.066	3400	58.426		

Belt widths w [mm]			
25	50	75	100

AT20 PRO (M/V)	Available lengths and versions
Standard delivery length (M)	50 m roll
Cut to lengths / lengths > 100 m	on request
Minimum length endless joined (V)	1260 mm
Standard material	TPUAU1
Belt colour	blue
Belt widths	only available in the widths listed in the table

BRECOprotect® 75 AT20 PRO / 8000 V	
Width w	75
Type/pitch	AT20 PRO
Length in mm	8000
Joined	V

AT20 PRO (M/V)		Admissible tensile force F <sub>Tadm</sub> / spec. elasticity / belt weight				
Belt width	w [mm]	25	50	75	100	
M	Steel tension members	F <sub>Tadm</sub> [N]	5600	11200	16800	22400
	Spec. elasticity	C <sub>spec</sub> [N]	1.4·10 <sup>6</sup>	2.8·10 <sup>6</sup>	4.2·10 <sup>6</sup>	5.6·10 <sup>6</sup>
V	Steel tension members	F <sub>Tadm</sub> [N]	2800	5600	8400	11200
Belt weight	Standard	[kg/m]	0.240	0.480	0.720	0.960

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

AT20 PRO (M/V)		Flexibility (minimum number of teeth / minimum diameter)		
		Steel tension members		
		M	V	
	Without contraflexure	t <sub>min</sub>	18	18
		d <sub>min</sub> [mm]	120	120
	With contraflexure	t <sub>min</sub>	25	25
		d <sub>min</sub> [mm]	180	180

