

BRECOMove AT15 MOV	Available lengths and versions
Standard delivery lengths	50 or 100 m - rolls
Cut to lengths/lengths > 100 m	on request
Standard material	TPUST1
move-tension member (Standard)	Steel
E-tension member	not available
VA-tension member	not available
Laminate coating on the tooth side (standard)	red
Belt colour	white / red

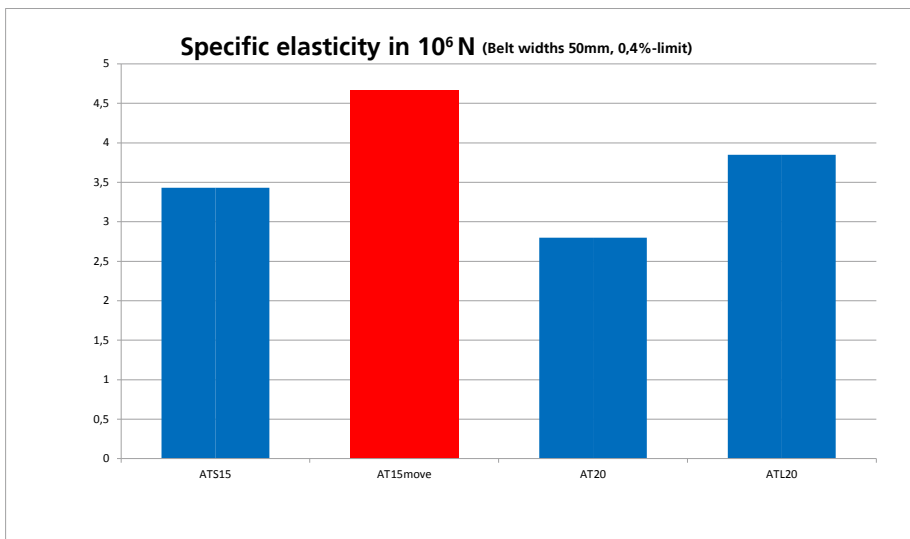
Belt widths b [mm] (in-between belt widths on request)			
50	75	100	150

### BRECOMove AT15

The **BRECOMove** timing belt demonstrates its strengths, in addition to high power transmission, particular in linear technology applications. The very high stiffness of the belt is the basis for excellent dynamic behaviour with short settling times and high positioning accuracy. This makes **BRECOMove** an excellent alternative to comparable timing belts, offering great potential for optimisation.

Selecting a narrower **BRECOMove** timing belt as an alternative to a standard timing belt makes a more compact drive design possible. Depending on the circumferential forces actually to be transmitted in the application, it is advisable to use a material with higher strength or an additional surface coating for the toothed pulleys.

Your local BRECO sales partner can provide further information.



BRECOMove AT15 MOV							
R.p.m. n [min-1]	F <sub>Uspez</sub> [N/cm]	R.p.m. n [min-1]	F <sub>Uspez</sub> [N/cm]	R.p.m. n [min-1]	F <sub>Uspez</sub> [N/cm]	R.p.m. n [min-1]	F <sub>Uspez</sub> [N/cm]
0	168,000	800	114,643	2000	85,382	5000	52,578
20	165,244	900	111,170	2200	82,094	5500	49,047
40	162,670	1000	107,981	2400	79,063	6000	45,809
60	160,255	1100	105,033	2600	76,250	6500	42,819
80	157,982	1200	102,292	2800	73,626		
100	155,833	1300	99,732	3000	71,168		
200	146,574	1400	97,329	3200	68,856		
300	139,098	1500	95,066	3400	66,674		
400	132,827	1600	92,927	3600	64,607		
500	127,427	1700	90,899	3800	62,644		
600	122,685	1800	88,972	4000	60,775		
700	118,457	1900	87,135	4500	56,462		

BRECOMove AT15 MOV						
M	Belt width	b [mm]	50	75	100	150
	move tension member	F <sub>zul</sub> [N]	18200	27300	36400	54600
	Spec. elasticity	C <sub>spez</sub> [N]	4,55 · 10 <sup>6</sup>	6,82 · 10 <sup>6</sup>	9,10 · 10 <sup>6</sup>	13,65 · 10 <sup>6</sup>
	Belt weight	[kg/m]	0,502	0,753	1,004	1,506

BRECOMove AT15 MOV		Flexibility (minimum tooth count/minimum diameter)	
		move tension member	
		Standard	
 z <sub>min</sub> d <sub>min</sub>	Without contraflexure	z <sub>min</sub>	20
		d <sub>min</sub> [mm]	100
 z <sub>min</sub> d <sub>min</sub>	With contraflexure	z <sub>min</sub>	25
		d <sub>min</sub> [mm]	120

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