

Belt widths b [mm] (in-between belt widths on request)				
25	32	50	75	100

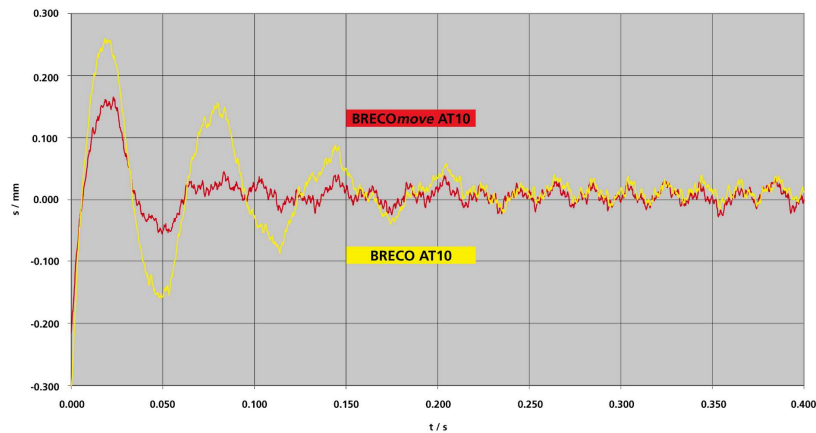
BRECOMove AT10 MOV	Available lengths and versions
Standard delivery lengths	50 or 100 m rolls
Cut to lengths/lengths > 100 m	on request
Standard material	TPUST1
move-tension member	Steel
E-tension member	not available
VA-tension member	not available
Laminate coating on the tooth side (standard)	red
Belt colour	white / red

## BRECOMove AT10

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 AT10 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	113,2	800	80,4	2000	62,1	5000	41,4
20	111,5	900	78,2	2200	60,1	5500	39,3
40	110,0	1000	76,2	2400	58,2	6000	37,3
60	108,6	1100	74,4	2600	56,4	6500	35,4
80	107,2	1200	72,7	2800	54,7	7000	33,6
100	105,8	1300	71,1	3000	53,1	7500	32,0
200	100,1	1400	69,6	3200	51,7	8000	30,4
300	95,6	1500	68,2	3400	50,4	8500	29,0
400	91,6	1600	66,8	3600	49,1	9000	27,6
500	88,4	1700	65,6	3800	47,9	9500	26,4
600	85,5	1800	64,4	4000	46,7	10000	25,1
700	82,7	1900	63,1	4500	43,9		

BRECOMove AT10 MOV							
M	Belt width	b [mm]	25	32	50	75	100
	move-tension member	F <sub>zul</sub> [N]	7395	9135	14790	22185	29580
	Spec. elasticity	C <sub>spec</sub> [N]	1,85 · 10 <sup>6</sup>	2,28 · 10 <sup>6</sup>	3,70 · 10 <sup>6</sup>	5,55 · 10 <sup>6</sup>	7,40 · 10 <sup>6</sup>
	Belt weight	[kg/m]	0,175	0,221	0,351	0,526	0,701

BRECOMove AT10 MOV		Flexibility (minimum tooth count/minimum diameter)	
		move tension member	
		Standard	
	Without contraflexure	z <sub>min</sub>	18
		d <sub>min</sub> [mm]	60
	With contraflexure	z <sub>min</sub>	25
		d <sub>min</sub> [mm]	120

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