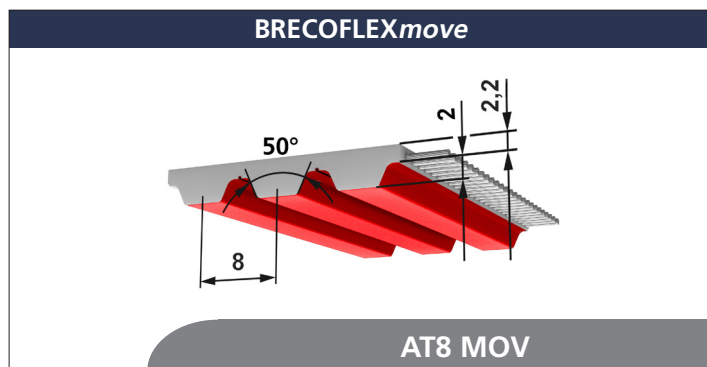


BRECOFLEX^{move} Timing belt AT8

More Power. Optimized tooth form. Versatile usable. Efficient.



Belt widths b [mm]
(In-between belt widths on request)

16	25	32	50	75	100
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BRECOFLEX ^{move} AT8 MOV	Available lengths and versions
Standard delivery lengths	-
Wickelbreite	100 mm
Any number of teeth available from	1408 mm to 13000 mm
Minimum order number	1 sleeve
Standard material	TPUST1
<i>move</i> tension member (Standard)	steel
E tension member	not available
VA tension member	not available
Laminate coating on the tooth side (standard)	standard, colour: red
Belt colour	white / red

BRECOFLEX^{move} 75 AT8 MOV 2400



Width b	75
Type/Pitch	AT8 MOV
Length in mm	2400

BRECOFLEX^{move} Timing belt AT8

More Power. Optimized tooth form. Versatile usable. Efficient.

BRECOFLEX ^{move} AT8 MOV			Tooth shear strength (specific belt tooth load bearing)				
R.p.m. n [min ⁻¹]	F _{Uspec} [N/cm]	M _{spec} [Ncm/cm]	P _{spec} [W/cm]	R.p.m. n [min ⁻¹]	F _{Uspec} [N/cm]	M _{spec} [Ncm/cm]	P _{spec} [W/cm]
0	90,560	14,416	0,000	2000	49,680	7,912	16,558
20	89,200	14,208	0,297	2200	48,080	7,640	17,618
40	88,000	14,008	0,586	2400	46,560	7,408	18,603
60	86,880	13,808	0,869	2600	45,120	7,184	19,539
80	85,760	13,640	1,143	2800	43,760	6,976	20,426
100	84,640	13,480	1,410	3000	42,480	6,776	21,277
200	80,080	12,752	2,674	3200	41,360	6,592	22,078
300	76,480	12,176	3,819	3400	40,320	6,408	22,829
400	73,280	11,680	4,891	3600	39,280	6,248	23,543
500	70,720	11,248	5,889	3800	38,320	6,088	24,234
600	68,400	10,880	6,838	4000	37,360	5,936	24,886
700	66,160	10,536	7,725	4500	35,120	5,592	26,365
800	64,320	10,240	8,574	5000	33,120	5,288	27,720
900	62,560	9,952	9,388	5500	31,440	5,000	28,829
1000	60,960	9,712	10,164	6000	29,840	4,744	29,814
1100	59,520	9,472	10,915	6500	28,320	4,496	30,677
1200	58,160	9,256	11,630	7000	26,880	4,272	31,416
1300	56,880	9,056	12,320	7500	25,600	4,064	32,032
1400	55,680	8,856	12,986	8000	24,320	3,880	32,525
1500	54,560	8,672	13,638	8500	23,200	3,696	32,894
1600	53,440	8,512	14,254	9000	22,080	3,520	33,141
1700	52,480	8,352	14,858	9500	21,120	3,352	33,387
1800	51,520	8,192	15,450	10000	20,080	3,200	33,510
1900	50,480	8,048	16,016				

BRECOFLEX ^{move} AT8 MOV		Admissible tension cord strength F _{adm} / Belt weight					
Belt width	b [mm]	16	25	32	50	75	100
Move tension member	F _{adm} [N]	4312	6750	8625	13470	20200	26940
Belt weight	[kg/m]	0,106	0,167	0,212	0,339	0,508	0,678

BRECOFLEX ^{move} AT8 MOV		Flexibility (minimum tooth count / minimum diameter)			
		move tension member			
		Standard			
d _{min} z _{min}		without contra-flexure	z _{min}	25	
			d _{min} [mm]	95	
d _{min} z _{min}		with contra-flexure	z _{min}	32	
			d _{min} [mm]	120	