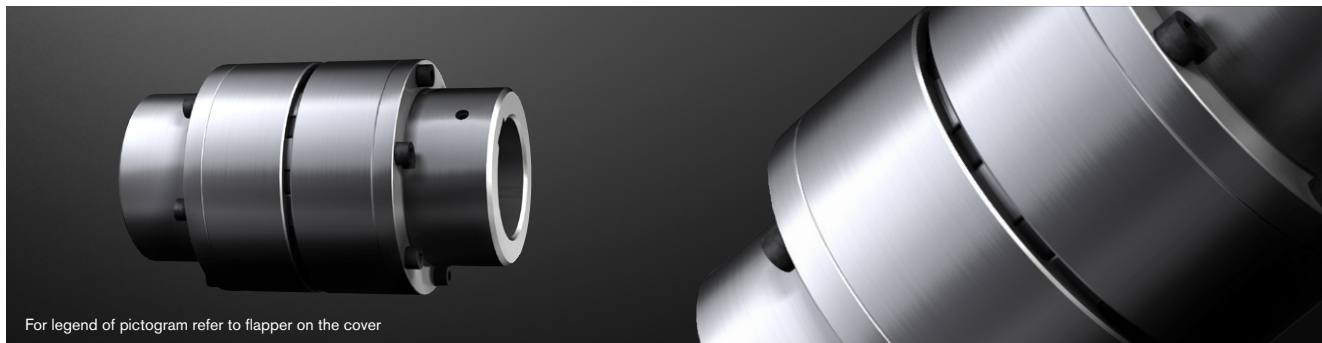


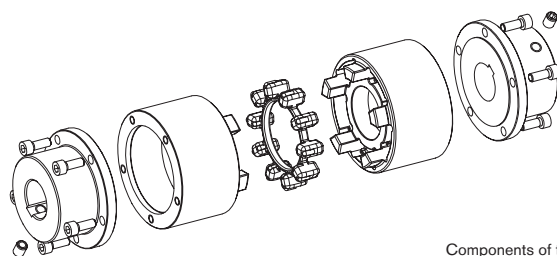
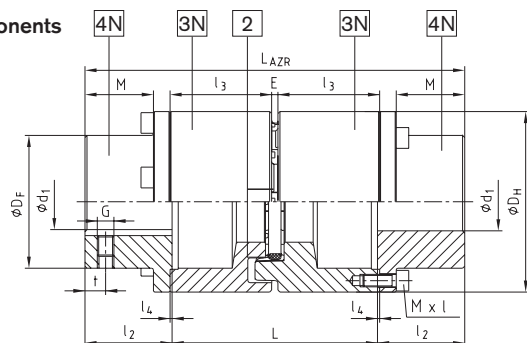
POLY-NORM® AZR

Flexible couplings

Standard drop-out center design coupling



Components



Components of type AZR:
 2 = Elastomer ring (NBR 78 ShA)
 3N = Driving flange (GJL)
 4N= Coupling flange (steel)

POLY-NORM® Type AZR

Size	Drop-out center length* L [mm]	Elastomer ring ¹⁾ (com- ponent 2) Torque [Nm]		Dimensions [mm]														Mass moment of inertia ³⁾ [kgm²]	Weight ³⁾ [kg]
				Max. finish bore d ₁ ²⁾	General											Setscrew			
		TKN	TK max		LAZR	l ₂	l ₃	E	l ₄	D _H	D _F	M	Mxl	T _A [Nm]	G	t			
28	100	40	80	34	170	35	49.5	3	1	69	46	26	M6x18	14	M5	7	0.0020	2.4	
32	100	60	120	38	170	35	49	4	1	78	53	26	M6x18	14	M8	7	0.0042	3.2	
	210				69		0.0062										3.9		
38	100	90	180	45	184	42	49	4	1	87	62	33	M6x20	14	M8	10	0.0048	4.3	
	224				69		0.0068										5.1		
42	100	150	300	50	190	45	49	4	1	96	69	35	M6x20	14	M8	10	0.0094	5.1	
	230				69		0.0128										6.0		
48	100	220	440	55	204	52	49	5	1.5	106	78	41.5	M6x20	14	M8	15	0.0170	6.6	
	244				69		0.0216										7.5		
55	100	300	600	65	210	55	49	5	1.5	118	88	43.5	M8x25	35	M8	14	0.0188	9.4	
	250				69		0.0240										10.8		
	180				290		89										0.0232	12.2	
60	100	410	820	70	220	60	49	5	1.5	129	97	47.5	M8x25	35	M8	15	0.0326	11.2	
	260				69		0.0414										13.0		
	180				300		89										0.0504	14.6	
65	100	550	1100	75	230	65	49	5	1.5	140	105	51.5	M8x25	35	M10	20	0.0564	14.0	
	270				69		0.0730										15.8		
	180				310		89										0.0894	17.5	
75	140	850	1700	90	290	75	69	5	1.5	158	123	60.5	M10x30	69	M10	20	0.0824	23.2	
	330				89		0.1008										25.6		
85	180	1350	2700	100	400	85	124	5	1.5	182	139	69.5	M10x30	69	M10	25	0.1332	29.8	
	310				69		0.1570										32.1		
	350				89		0.1658										35.2		
	420				124		0.1812										40.7		
90	140	2000	4000	110	320	90	69	5	1.5	200	148	73.5	M12x35	120	M12	25	0.2466	38.2	
	360				89		0.2880										42.2		
	250				430		124										0.3566	49.3	
	340				69		0.3988										50.0		
100	180	2900	5800	120	380	100	89	6	2	224	165	83	M12x35	120	M12	25	0.4450	54.8	
	450				124		0.5465										63.2		

¹⁾ Standard material Perbunan [NBR] 78 Shore A, for selection see page 14 et seqq.

²⁾ Bores H7 with keyway to DIN 6885 sheet 1 [JS9] and setscrew on the keyway

³⁾ Referring to average bore

*For other extendable lengths (L = 120/160/195/215) it is possible to combine two driving flanges 3N with various lengths. As an example: driving flanges of POLY-NORM® 85 for extendable length 140 and 250 give an extendable length of 195 mm (140 mm + 250 mm = 390 mm; 390 mm/2 = 195 mm)

Ordering example:

POLY-NORM® 42	AZR	140	Ø38	Ø42
Coupling size	Type	Drop-out center length L	Finish bore	Finish bore