

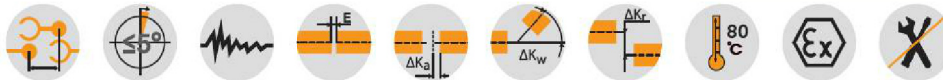
POLY-NORM® AZR

Flexible couplings

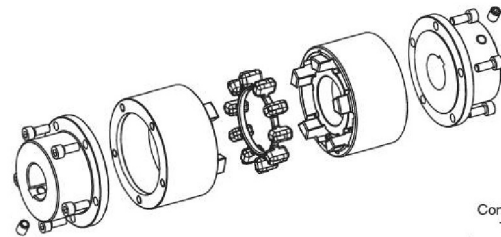
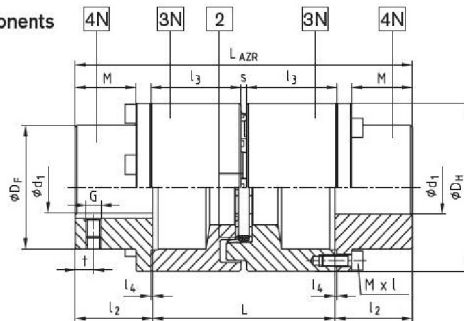
Standard drop-out center design coupling



For legend of pictogram please refer to flapper on the cover



Components



- Components:
 Type AZR
 2 = Elastomer ring (NBR 78 Sh-A)
 3N = Driving flange (G.L.)
 4.N = Coupling flange (Steel)

POLY-NORM® Type AZR																		
Size	Drop-out center length* L [mm]	Elastomer ring (Teil 2) ¹⁾ Torque [Nm]		Max. finish bore ²⁾ Ød ₁	Dimensions [mm]										Thread for set-screw	Mass moment of inertia ³⁾ [kgm ²]	AZR weight ³⁾ [kg]	
		T _{KN}	T _{Kmax}		General													
		LAZR	l ₂		l ₃	s	l ₄	D _H	D _F	M	M x l	T _A [Nm]	G	t				
28	100	40	80	30	170	35	49,5	3	1	69	46	26	M6x18	14	M5	7	0,0020	2,4
	210				69,5	0,0030	2,9											
32	100	60	120	35	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	40	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	45	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	50	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	60	210		49	5	1,5	118	88	43,5	M8x25	35	M8	14	0,0188	9,4
	250				55	69	0,0240										10,8	
60	100	410	820	65	220		49	5	1,5	129	97	47,5	M8x25	35	M8	15	0,0232	12,2
	260				60	69	0,0326										11,2	
65	100	550	1100	70	260	60	69	5	1,5	129	97	47,5	M8x25	35	M8	15	0,0504	14,6
	300					89	0,0564										14,0	
75	140	850	1700	80	230		49	5	1,5	140	105	51,5	M8x25	35	M10	20	0,0824	23,2
	290					69	0,1008										25,6	
85	180	1350	2700	90	330	75	89	5	1,5	158	123	60,5	M10x30	69	M10	20	0,1332	29,8
	400					124	0,1570										32,1	
90	140	2000	4000	100	310		69	5	1,5	182	139	69,5	M10x30	69	M10	25	0,1658	35,2
	350				85	89	0,1812										40,7	
100	140	2900	5800	110	320		69	5	1,5	200	148	73,5	M12x35	120	M12	25	0,2466	38,2
	360				90	89	0,2880										42,2	
100	180	2900	5800	110	430		124	6	2	224	165	83	M12x35	120	M12	25	0,3566	49,3
	250				100	89	0,3988										50,0	
100	180	2900	5800	110	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, selection see page 10 et seqq.
²⁾ Bore H7 with keyway to DIN 6885 sheet 1 [JS9] and thread for setscrews on the feather 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 POLY-NORM® 85 for extendable length 140 and 250 result in 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