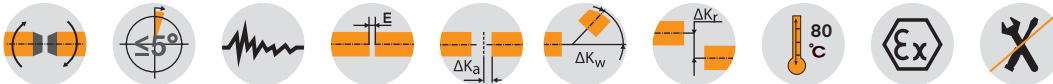


POLY PKZ and PKD Flexible couplings

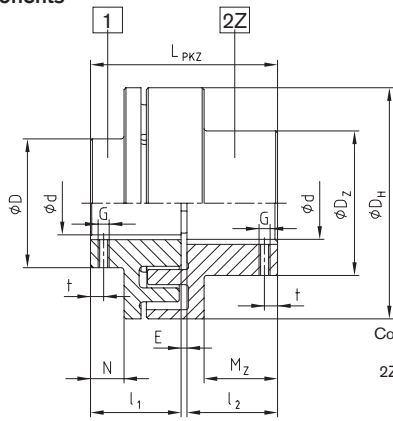
PKZ (two-part) and PKD (three-part)



For legend of pictogram refer to flapper on the cover

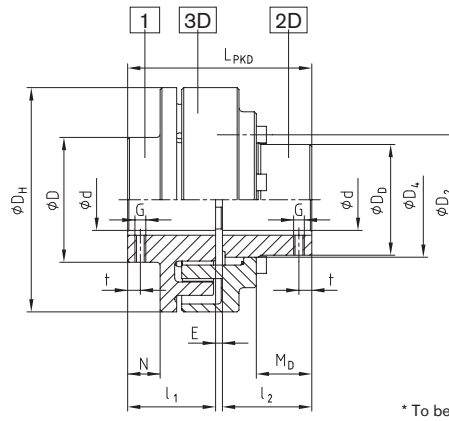


Components



Type PKZ (Z) – (Size 8 to 30)

Components of type PKZ (Z):
1 = Cam section (GJL)
2Z = Pocket element * (GJL)
* To be used preferably on driving side



Type PKD (D) – (Size 15 to 35)

Components of type PKD (D):
1 = Cam section * (GJL)
2D = Flange hub (steel)
3D = Cam ring (GJL)
* To be preferably used on driving side

POLY Type PKZ and PKD																					
Size	Rated torque ¹⁾ TKN [Nm]	Max. speed ²⁾ n [rpm]	Max. finish bore d			Dimensions [mm]											Setscrew			Weight ³⁾ [kg]	
			Component 1	Component 2Z	Component 2D	D _H	D	D _Z	D _D	l ₁ , l ₂	M _Z	M _D	N	E	D ₂	D ₄ (H7/h7)	LPKZ/LPKD	G	t		T _A [Nm]
8 (Z)	42	5000	20	28	—	86	43	50	—	35	25	—	3	3	—	—	73	M5	18	2	1.7
9 (Z)	72	5000	28	38	—	97	55	65	—	41	30	—	7	3	—	—	85	M8	23	10	2.7
10 (Z)	100	5000	32	42	—	107	60	70	—	45	35	—	10	4	—	—	94	M8	27	10	3.5
12 (Z)	170	5000	38	48	—	131	70	80	—	55	43	—	12	4	—	—	114	M8	30	10	5.4
14 (Z)	210	4800	45	55	—	142	80	93	—	60	46	—	17	4	—	—	124	M8	10	10	7.6
15 (Z;D)	320	4300	50	60	50	157	90	100	74.5	65	52	33	21	4	90	75	134	M8	15	10	8.6
17 (Z;D)	400	3800	60	65	60	176	100	110	87	70	56	43.5	26	4	106	90	144	M8	15	10	12
20 (Z;D)	820	3300	65	75	70	205	115	127	104	80	65	45	23	4	123	105	164	M8	15	10	20
22 (Z)	1100	3000	85	85	—	224	140	140	—	90	75	—	38	4	—	—	184	M10	20	17	25
25 (Z;D)	1600	2700	90	90	95	257	150	150	138	100	84	67	43	5	162	140	205	M12	20	40	35
30 (Z;D)	3950	2200	110	110	110	308	180	180	165	130	108	89	58	5	202	170	265	M16	20	80	66
35 (D)	6100	1850	130	—	145	373	210	—	209	160	—	102	70	5	240	210	325	M16	25	80	125

¹⁾ Maximum torque $T_{K \max} = T_{KN} \times 2$; elastomer: standard material Perbunan [NBR] 92 Shore A; hub: standard material GJL

²⁾ Speeds for $v = 30$ m/s. For circumferential speeds exceeding $v = 30$ m/s, we recommend dynamic balancing

³⁾ Referring to average bore

Ordering example:	POLY	PKD	28	$d_1 = \varnothing 90$	$d_2 = \varnothing 80$
	Coupling type	Type	Size	Finish bore component 1	Finish bore component 2