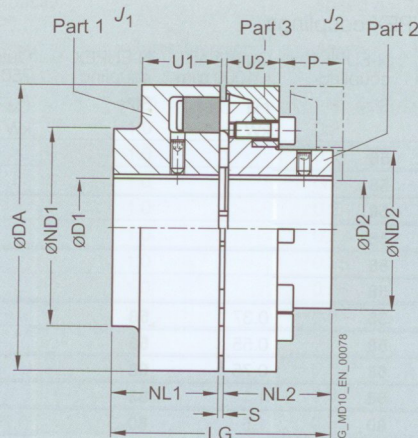


FLENDER Standard Couplings

Flexible Couplings - N-EUPEX and N-EUPEX DS Series

Type A for easy elastomer flexible replacement

Selection and ordering data



Size	Rated torque flexible type 80 ShoreA	Speed	Dimensions in mm												Mass moment of inertia	Product code Order codes for bore diameters and tolerances are specified in catalog section 3	Weight	
			Bore with keyway to DIN 6885															
			D1	D2	DA	ND1	ND2	NL1/ S	U1	U2	P	LG	J ₁ /J ₂	m				
	T _{KN}	n _{Kmax}	min.	max.	min.	max.												
	Nm	rpm												kgm ²			kg	
110	160	5300	48	38	110	86	62	40	3	34	20	33	83	0.003	2LC0100-4AB ■ ■ -0AA0	3		
125	240	5100	55	45	125	100	75	50	3	36	23	38	103	0.005	2LC0100-5AB ■ ■ -0AA0	4.8		
140	360	4900	60	50	140	100	82	55	3	34	28	43	113	0.008	2LC0100-6AB ■ ■ -0AA0	6		
160	560	4250	65	58	160	108	95	60	4	39	28	47	124	0.014	2LC0100-7AB ■ ■ -0AA0	8.4		
180	880	3800	75	65	180	125	108	70	4	42	30	50	144	0.025	2LC0100-8AB ■ ■ -0AA0	12		
200	1340	3400	85	75	200	140	122	80	4	47	32	53	164	0.04	2LC0101-0AB ■ ■ -0AA0	17		
225	2000	3000	90	85	225	150	138	90	4	52	38	61	184	0.08	2LC0101-1AB ■ ■ -0AA0	23		
250	2800	2750	46	100	95	250	165	155	100	5.5	60	42	69	205.5	0.13	2LC0101-2AB ■ ■ -0AA0	31	
280	3900	2450	49	110	54	105	280	180	172	110	5.5	65	42	73	225.5	0.20	2LC0101-3AB ■ ■ -0AA0	41
315	5500	2150	49	100	46	100	315	165	165	125	5.5	70	47	78	255.5	0.32	2LC0101-4AB ■ ■ -0AA0	57
			90	120	90	120		200	200					0.35			61	
350	7700	2000	61	110	61	110	350	180	180	140	5.5	74	51	83	285.5	0.54	2LC0101-5AB ■ ■ -0AA0	78
			90	140	90	140		230	230					0.61			82	
400	10300	1700	66	120	66	120	400	200	200	160	5.5	78	56	88	325.5	1.0	2LC0101-6AB ■ ■ -0AA0	112
			100	150	100	150		250	250					1.1			117	
440	13500	1550	80	130	80	130	440	215	215	180	7.5	86	64	99	367.5	1.5	2LC0101-7AB ■ ■ -0AA0	147
			120	160	120	160		265	265					1.7			155	
480	16600	1400	90	145	90	145	480	240	240	190	7.5	90	65	104	387.5	2.3	2LC0101-8AB ■ ■ -0AA0	184
			136	180	136	180		300	300					2.6			200	
520	21200	1300	100	150	100	150	520	250	250	210	7.5	102	68	115	427.5	3.3	2LC0102-0AB ■ ■ -0AA0	234
			140	190	140	190		315	315					3.7			254	
560	29000	1200	120	200	120	200	560	320	320	220	9	115	80	125	449	6.0	2LC0102-1AB ■ ■ -0AA0	329
610	38000	1100	130	220	130	220	610	352	352	240	9	121	88	135	489	9.0	2LC0102-2AB ■ ■ -0AA0	416
660	49000	1000	140	240	140	240	660	384	384	260	9	132	96	145	529	13.5	2LC0102-3AB ■ ■ -0AA0	546
710	62000	1000	140	260	140	260	710	416	416	290	9	138	102	155	589	19	2LC0102-4AB ■ ■ -0AA0	680

- ØD1:
- Without finished bore – Without order codes
 - Without finished bore sizes 315 to 520 for 2nd diameter range D1 – Without order codes
 - With finished bore – With order codes for diameter and tolerance (product code without -Z)
- ØD2:
- Without finished bore – Without order codes
 - Without finished bore sizes 315 to 520 for 2nd diameter range D2 – Without order codes
 - With finished bore – With order codes for diameter and tolerance (product code without -Z)

The hub diameter of the component part is assigned according to the diameter of the finished bore. Where bore diameters overlap, the component with the smaller hub diameter is always selected.

Weights and mass moments of inertia apply to maximum bore diameters.

The product code applies to standard flexibles of 80 ShoreA; the product code for alternative flexible types is available on request.

Ordering example:

N-EUPEX A coupling, size 200,
Part 1: Bore D1 65H7 mm, keyway to DIN 6885-1 and set screw,
Part 2: Bore D2 50H7 mm, keyway to DIN 6885-1 and set screw.

Product code:

2LC0101-0AB99-0AA0
L1F+M1C