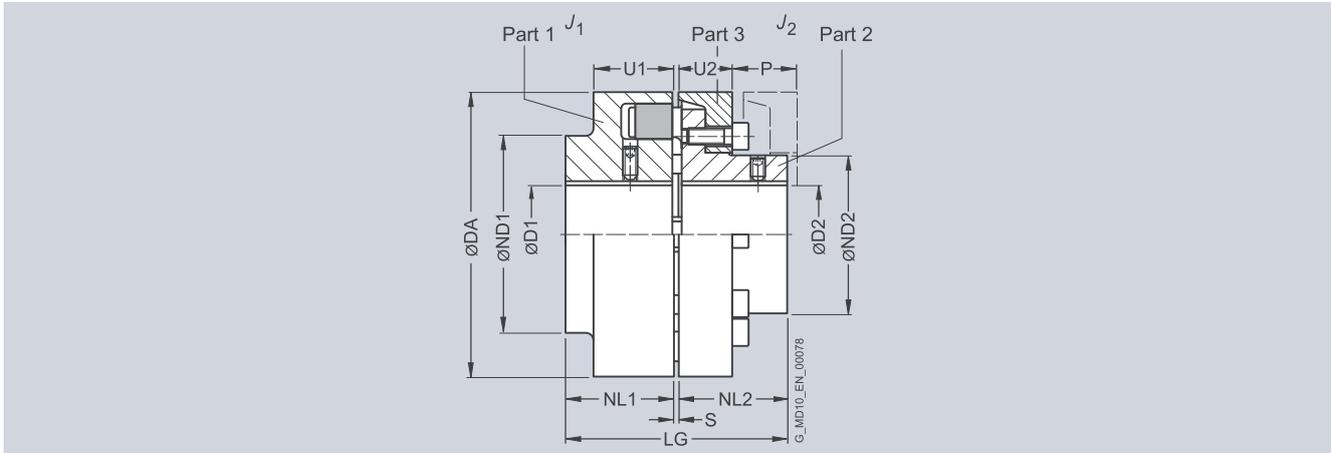


FLENDER Standard Couplings

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 T_{KN} Nm	Speed n_{Kmax} rpm	Dimensions in mm											Mass moment of inertia J_1/J_2 kgm ²	Product code Order codes for bore diameters and tolerances are specified in catalog section 3	Weight m kg		
			Bore with keyway to DIN 6885		DA	ND1	ND2	NL1/ NL2	S	U1	U2	P	LG					
D1 min.	D2 max.	D1 min.	D2 max.															
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	6	60	42	69	206	0.13	2LC0101-2AB ■ ■ -0AA0	31	
280	3900	2450	49	110	54	105	280	180	172	110	6	65	42	73	226	0.20	2LC0101-3AB ■ ■ -0AA0	41
315	5500	2150	49	100	46	100	315	165	165	125	6	70	47	78	256	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	6	74	51	83	286	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	6	78	56	88	326	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	86	64	99	367	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	90	65	104	387	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	102	68	115	427	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

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.

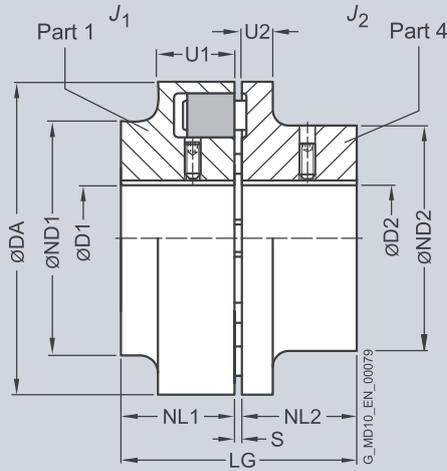
Product code:
2LC0101-0AB99-0AA0
L1F+M1C

FLENDER Standard Couplings

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

Type B

Selection and ordering data



Size	Rated torque flexible type 80 ShoreA T_{KN} Nm	Speed n_{Kmax} rpm	Dimensions in mm										Mass moment of inertia J_1/J_2 kgm ²	Product code Order codes for bore diameters and tolerances are specified in catalog section 3	Weight m kg		
			Bore with keyway to DIN 6885		DA	ND1	ND2	NL1/ S NL2	U1	U2	LG						
			D1 min.	D2 max.													
58	19	7500	19	24	58	58	40	20	3	20	8	43	0.0001	2LC0100-0AA ■ ■ -0AA0	0.4		
68	34	7000	24	28	68	68	50	20	3	20	8	43	0.0002	2LC0100-1AA ■ ■ -0AA0	0.54		
80	60	6000	30	38	80	80	68	30	3	30	10	63	0.0006	2LC0100-2AA ■ ■ -0AA0	1.3		
95	100	5500	42	42	95	76	76	35	3	30	12	73	0.0013	2LC0100-3AA ■ ■ -0AA0	2.2		
110	160	5300	48	48	110	86	86	40	3	34	14	83	0.003	2LC0100-4AA ■ ■ -0AA0	3.3		
125	240	5100	55	55	125	100	100	50	3	36	18	103	0.006	2LC0100-5AA ■ ■ -0AA0	5.2		
140	360	4900	60	60	140	100	100	55	3	34	20	113	0.007	2LC0100-6AA ■ ■ -0AA0	5.6		
160	560	4250	65	65	160	108	108	60	4	39	20	124	0.01	2LC0100-7AA ■ ■ -0AA0	7.8		
180	880	3800	75	75	180	125	125	70	4	42	20	144	0.02	2LC0100-8AA ■ ■ -0AA0	11.5		
200	1340	3400	85	85	200	140	140	80	4	47	24	164	0.04	2LC0101-0AA ■ ■ -0AA0	16		
225	2000	3000	90	90	225	150	150	90	4	52	18	184	0.07	2LC0101-1AA ■ ■ -0AA0	20		
250	2800	2750	46	100	46	100	250	165	165	100	6	60	18	206	0.12	2LC0101-2AA ■ ■ -0AA0	29
280	3900	2450	49	110	54	110	280	180	180	110	6	65	20	226	0.18	2LC0101-3AA ■ ■ -0AA0	38
ØD1:														1			
• Without finished bore – Without order codes														9			
• With finished bore – With order codes for diameter and tolerance (product code without -Z)																	
ØD2:														1			
• Without finished bore – Without order codes														9			
• With finished bore – With order codes for diameter and tolerance (product code without -Z)																	

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

Ordering example:

N-EUPEX B coupling, size 95,
 Part 1: Bore D1 42H7 mm, keyway to DIN 6885-1 and set screw,
 Part 2: Bore D2 32H7 mm, keyway to DIN 6885-1 and set screw.

Product code:
2LC0100-3AA99-0AA0
LOX+MOT

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

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