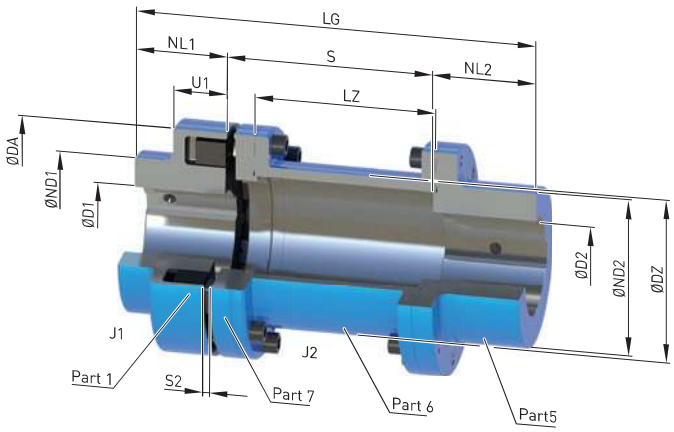
TYPE H



7

Size	Rated torque flexible type 80 ShoreA	Speed	Dimensions in mm														Mass moment of inertia		↗ Article no. [1]	Weight
	Bore with keyway to DIN 6885-1																			
	T_{KN}	n_{Kmax}	D1		D2		DA	ND1 [2]	ND2	NL1	NL2	S	S2	LZ	DZ	LG	J_1	J_2		m
	Nm	rpm	min.	max.	min.	max.											kgm²	kgm²		kg
80	85	7200	–	38	–	38 [3]	80	80	55	30	45	100	5	87	51	175	0.0006	0.001	2LC0170-2AG	2.4
												140		127		215		0.001	2LC0170-2AG	2.5
95	140	6600	–	48	–	48 [3]	95	76	70	35	45	100	5	87	63	180	0.0009	0.003	2LC0170-3AG	3.3
												140		127		220		0.003	2LC0170-3AG	3.6
110	225	6300	–	55	–	55 [3]	110	86	80	40	50	100	5	85	73	190	0.003	0.005	2LC0170-4AG	4.8
											50	140		125		230		0.006	2LC0170-4AG	5.0
											60	180		165		280		0.006	2LC0170-4AG	5.6
125	345	6100	–	60	–	60 [3]	125	100	90	50	50	100	5	85	85	200	0.005	0.01	2LC0170-5AG	6.9
											50	140		125		240		0.01	2LC0170-5AG	7.4
											60	180		165		290		0.011	2LC0170-5AG	7.8
											70	200		185		320		0.012	2LC0170-5AG	8.1
											80	250		235		380		0.012	2LC0170-5AG	8.6
140	500	5800	–	65	–	65 [3]	140	100	100	55	65	100	5	82	91	220	0.007	0.018	2LC0170-6AG	9.6
											65	140		122		260		0.019	2LC0170-6AG	10.1
											65	180		162		300		0.02	2LC0170-6AG	10.6
											65	200		182		320		0.021	2LC0170-6AG	10.9
											80	250		232		385		0.022	2LC0170-6AG	11.5

Configurable variants [1]

- ØD1 Without finished bore
  With finished bore
- ØD2 Without finished bore
  With finished bore

[1] To identify complete item numbers specifying the available finish boring options and – if necessary – further order options, please use our configurators on **flender.com**.

[2] The hub diameter HD1 can be smaller for small bores.

[3] For bore diameters greater than the following values, the feather key must be at least 3 mm behind the shaft end. Gr. 80 D2 > 32 mm; Gr. 95 D2 > 42 mm; Gr. 110 D2 > 50 mm; Gr. 125 D2 > 59 mm; Gr. 140 D2 > 64 mm.

↗ For online configuration on **flender.com**, click on the item no.

Size	Rated torque flexible type 80 ShoreA	Speed	Dimensions in mm Bore with keyway to DIN 6885-1														Mass moment of inertia		↗ Article no. [1]	Weight
	T_{KN}	n_{Kmax}	D1		D2		DA	ND1 [2]	ND2	NL1	NL2	S	S2	LZ	DZ	LG	J_1	J_2		m
	Nm	rpm	min.	max.	min.	max.											kgm²	kgm²		kg
160	840	5100	–	70	–	70	160	108	108	60	70	100	6	81.5	111	230	0.013	0.03	2LC0170-7AG	12.5
											70	140		121.5		270		0.032	2LC0170-7AG	13
											70	180		161.5		310		0.034	2LC0170-7AG	14
											70	200		181.5		330		0.035	2LC0170-7AG	14
											80	250		231.5		390		0.037	2LC0170-7AG	15
180	1250	4500	–	80	–	80	180	125	125	70	80	140	6	121.5	131	290	0.023	0.053	2LC0170-8AG	18
												180		161.5		330		0.057	2LC0170-8AG	19
												200		181.5		350		0.059	2LC0170-8AG	20
												250		231.5		400		0.064	2LC0170-8AG	21
200	1950	4000	–	85	–	90	200	140	140	80	90	140	6	118.5	144	310	0.04	0.094	2LC0171-0AG	25
												180		158.5		350		0.099	2LC0171-0AG	26
												200		178.5		370		0.104	2LC0171-0AG	27
												250		228.5		420		0.109	2LC0171-0AG	28
225	2300	3600	–	90	–	95	225	150	150	90	100	140	6	118.5	169	330	0.07	0.157	2LC0171-1AG	33
												180		158.5		370		0.16	2LC0171-1AG	34
												200		178.5		390		0.17	2LC0171-1AG	35
												250		228.5		440		0.18	2LC0171-1AG	37
250	3900	3300	46	100	46	100	250	165	165	100	110	180	8	152.5	185	390	0.12	0.27	2LC0171-2AG	48
												200		172.5		410		0.28	2LC0171-2AG	50
												250		222.5		460		0.3	2LC0171-2AG	52
280	5500	3000	49	110	51	130	280	180	180	110	120	250	8	222.5	215	480	0.20	0.51	2LC0171-3AG	67
315	7100	2600	49	120	51	140	315	200	200	125	140	250	8	222.5	246	515	0.35	0.85	2LC0171-4AG	96
350	10800	2400	61	140	51	160	350	230	230	140	150	250	8	220.5	272	540	0.61	1.4	2LC0171-5AG	120
400	14000	2000	66	150	51	180	400	250	250	160	180	250	8	185.5	311	590	1.1	2.8	2LC0171-6AG	190
440	19000	1900	80	160	51	190	440	265	265	180	180	250	10	182	354	610	1.7	4.0	2LC0171-7AG	219

Configurable variants [1]

- ØD1 Without finished bore
  With finished bore
- ØD2 Without finished bore
  With finished bore

Notes

- For dimension U1, see type A on page **Page 7/11**.
- During assembly, the gap dimension S2 must not exceed the permissible tolerance of +1 mm.
- Weights and mass moments of inertia apply to maximum bores.

Ordering example

- N-EUPEX H coupling, size 160, S = 200 mm
- Part 1: Bore D1 60H7 mm, keyway to DIN 6885-1 and set screw
- Part 2: Bore D2 55H7 mm, keyway to DIN 6885-1 and set screw

Article no.: 2LC0170-7AG99-0AD0 L1E+M1D

[1] To identify complete item numbers specifying the available finish boring options and – if necessary – further order options, please use our configurators on **flender.com**.

[2] The hub diameter HD1 can be smaller for small bores

↗ For online configuration on **flender.com**, click on the item no.