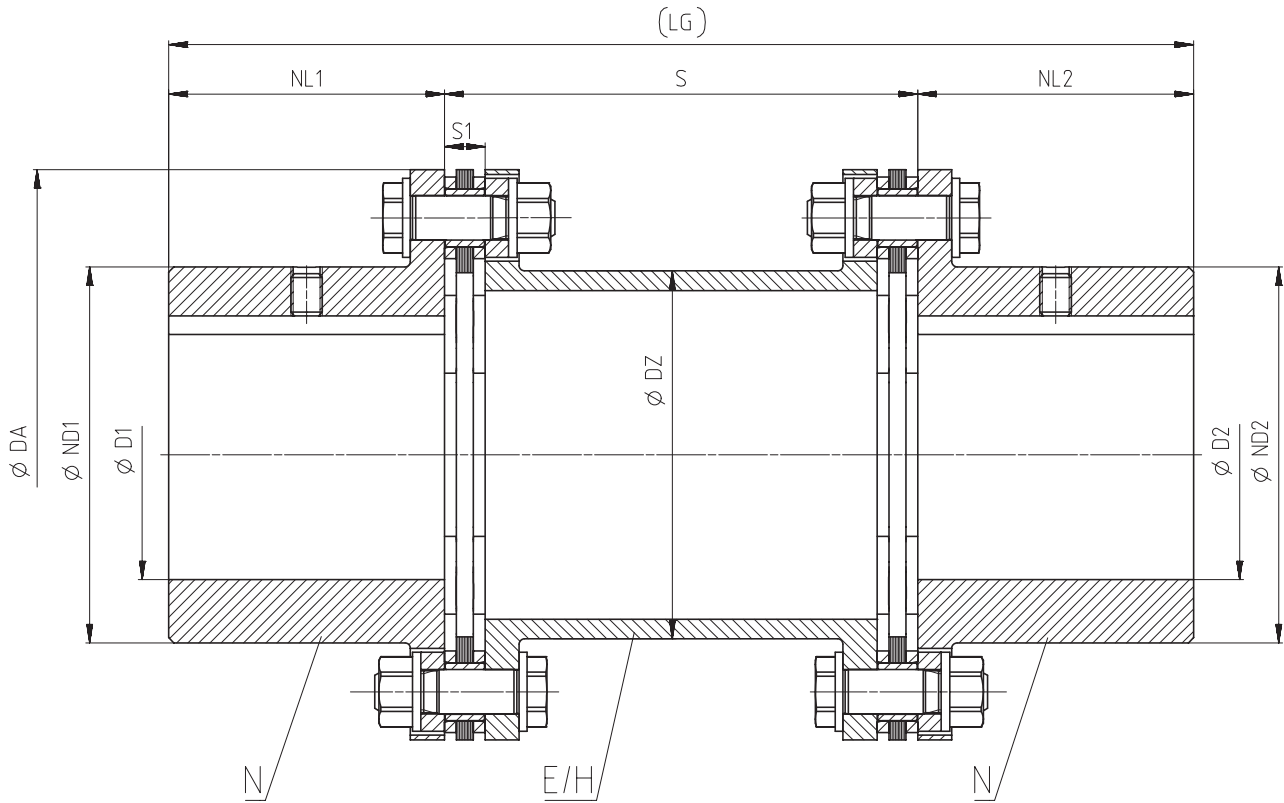


# TYPE NEN/NHN

Torsionally rigid couplings of type NEN (NHN) with radially freely demountable intermediate spacer and catching device to secure the intermediate spacer in the event of

plate breakage. Standard coupling type in accordance with **API 610**. Coupling type in accordance with **API 671** (up to  $n = 1800$  rpm) possible.

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Size DA mm	Rated torque $T_{KN}$ kNm	Maximum speed $n_{Kmax}$ rpm	Dimensions in mm								LG	Article no. <sup>1)</sup>		Weight m kg
			D1/D2 Keyway DIN 6885-1 max.	ND1/ ND2	NL1/ NL2	DZ	S1	Shaft distance S		Preferred dimension V NEN		E spacer (NEN)	H spacer (NHN)	
86-6	0.35	24000	42	56	45	45	8	53	300	100	190	2LC0370-0AA	2LC0370-0AL	1,9
103-6	0.5	20000	55	73	55	60	8,4	54	300	100	210	2LC0370-1AA	2LC0370-1AL	3
122-6	0.95	17000	65	85	65	73	8,8	65	300	100	230	2LC0370-2AA	2LC0370-2AL	5,1
133-6	1.25	15000	75	96	75	85	9,6	65	300	100	250	2LC0370-3AA	2LC0370-3AL	6,4
159-6	2.1	13000	80	104	80	97	11,6	80	300	100	260	2LC0370-4AA	2LC0370-4AL	9,6
174-6	2.5	12000	90	118	85	116	12,8	80	300	100	270	2LC0370-5AA	2LC0370-5AL	11,8
184-6	3.8	11000	95	124	90	123	14,6	95	350	140	320	2LC0370-6AA	2LC0370-6AL	16,4
203-6	5	10000	100	135	95	128	15	100	350	140	330	2LC0370-7AA	2LC0370-7AL	21,3
217-6	6.2	9500	110	143	105	140	15,4	105	350	140	350	2LC0370-8AA	2LC0370-8AL	24,4
251-6	10.5	8000	120	160	110	160	20,6	130	350	180	400	2LC0371-0AA	2LC0371-0AL	38
268-6	13.8	7500	130	170	130	166	22	140	350	180	440	2LC0371-1AA	2LC0371-1AL	48,6
291-6	18.2	7000	145	190	140	188	22,8	140	350	180	460	2LC0371-2AA	2LC0371-2AL	62,8
318-6	23	6500	155	205	150	197	23,2	150	400	200	500	2LC0371-3AA	2LC0371-3AL	83,9
343-6	28	6000	170	230	160	223	24	150	400	200	520	2LC0371-4AA	2LC0371-4AL	104

<sup>1)</sup> To identify complete item numbers specifying the available finish boring options and – if necessary – further order options, please use our configurators on [flender.com](http://flender.com).

<sup>2)</sup> The S shaft spacing standard dimensions available for each size can be found on [Page 6/10](http://Page 6/10).

➤ For online configuration on [flender.com](http://flender.com), click on the item no.

Size DA	Rated torque $T_{KN}$	Maximum speed $n_{Kmax}$	Dimensions in mm										Article no. <sup>1)</sup>		Weight <i>m</i> kg
			D1/D2 Keyway DIN 6885-1 max.	ND1/ ND2	NL1/ NL2	DZ	S1	Shaft distance S		Preferred dimension V NEN	LG	Intermediate spacer			
								NEN min.	NHN min.			E spacer (NEN)	H spacer (NHN)		
219-8	10	9500	100	137	115	124	12.2	129	350	140	370	2LC0380-0AA	2LC0380-0AL	31.9	
241-8	15	8700	110	150	127	135	12.6	135	350	140	394	2LC0380-1AA	2LC0380-1AL	41.3	
262-8	20	8000	120	163	138	148	13.8	145	350	180	456	2LC0380-2AA	2LC0380-2AL	53.8	
285-8	27	7300	130	177	150	162	15.2	162	350	180	480	2LC0380-3AA	2LC0380-3AL	70.8	
302-8	35	6900	140	192	161	174	17.2	179	350	180	502	2LC0380-4AA	2LC0380-4AL	89.4	
321-8	43	6500	150	206	173	189	21	196	400	200	546	2LC0380-5AA	2LC0380-5AL	109	
354-8	56	5900	170	232	196	216	23.6	214	400	250	642	2LC0380-6AA	2LC0380-6AL	149	
387-8	72	5400	190	258	219	240	26	246	400	250	688	2LC0380-7AA	2LC0380-7AL	193	
411-8	93	5100	200	272	230	250	29.6	256	400	300	760	2LC0380-8AA	2LC0380-8AL	236	
447-8	122	4600	220	299	253	275	32.6	270	400	300	806	2LC0381-0AA	2LC0381-0AL	299	
495-8	160	4200	250	340	288	312	33.8	281	600	300	876	2LC0381-1AA	2LC0381-1AL	402	
546-8	212	3800	280	381	322	351	40	299	600	300	944	2LC0381-2AA	2LC0381-2AL	547	
587-8	270	3500	300	408	345	363	45	315	600	320	1010	2LC0381-3AA	2LC0381-3AL	690	
631-8	350	3300	320	435	368	399	48.8	334	600	340	1076	2LC0381-4AA	2LC0381-4AL	835	
495-10	200	4200	250	340	288	312	33.8	281	600	300	876	2LC0390-0AA	2LC0390-0AL	402	
546-10	270	3800	280	381	322	351	40	299	600	300	944	2LC0390-1AA	2LC0390-1AL	547	
587-10	352	3500	300	408	345	363	45	315	600	320	1010	2LC0390-2AA	2LC0390-2AL	690	
631-10	450	3300	320	435	368	399	48.8	334	600	340	1076	2LC0390-3AA	2LC0390-3AL	834	
694-10	630	3000	350	485	403	435	58	400	600	400	1206	2LC0390-4AA	2LC0390-4AL	1213	
734-10	760	2800	370	512	426	459	63	436	600	440	1292	2LC0390-5AA	2LC0390-5AL	1463	
790-10	950	2600	400	555	460	496	66	466	750	470	1390	2LC0390-6AA	2LC0390-6AL	1837	
887-10	1400	2300	450	627	518	546	78	543	750	550	1586	2LC0390-7AA	2LC0390-7AL	2713	
988-10	2000	2100	500	696	575	596	86	617	750	620	1770	2LC0390-8AA	2LC0390-8AL	3868	

**Configurable variants <sup>1)</sup>**

- ØD1 Without finished bore  
With finished bore
- ØD2 Without finished bore  
With finished bore
- Shaft distance S <sup>2)</sup> Metric (mm): 100 mm, 140 mm, 180 mm, 200 mm, 250 mm, 300 mm  
Imperial (inches): 3.5" (88.9 mm), 5" (127 mm), 7" (177.8 mm), 9" (228.6 mm)  
Any required (mm)

**Notes**

- Spacer sleeves (type NEN) designed as electrical cable sleeves are API compliant.
- Hubs are designed with threaded pull-off holes. Special lengths available upon request.
- The total lengths and the weights apply to the whole coupling of type NEN with maximum bores D1/D2 and the preferred shaft distance S = V.
- In cases with large shaft distances S the intermediate spacer can be designed as an H-spacer. The tube diameters here may slightly diverge. More precise coupling data in cases of variable shaft distances and E- / H-spacers are given on pages 6/23 to 6/28.
- E-spacers in preferred lengths up to size 343-6 are available from stock.

**Ordering example**

- N-ARPEX ARN-6 NEN coupling, size 217-6, with shaft distance S = 140 mm
- Bore ØD1 50H7 mm, keyway to DIN 6885-1 P9 and set screw (L1C)
- Bore ØD2 60H7 mm, keyway to DIN 6885-1 P9 and set screw (M1E)

Article no.: 2LC0370-8AA99-0AB0-Z L1C+M1E

<sup>1)</sup> To identify complete item numbers specifying the available finish boring options and – if necessary – further order options, please use our configurators on [flender.com](http://flender.com).

<sup>2)</sup> The S shaft spacing standard dimensions available for each size can be found on Page 6/10.

↗ For online configuration on [flender.com](http://flender.com), click on the item no.