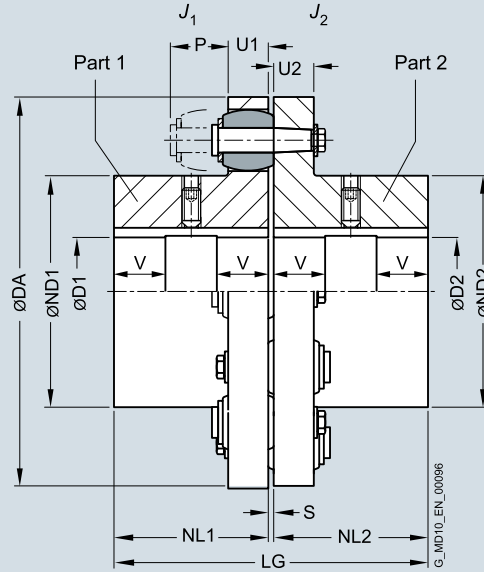


# FLENDER Standard Couplings

## Flexible Couplings – RUPEX Series

Type RWN - hub material grey cast iron

### Selection and ordering data



Size	Rated torque buffer 80 ShoreA $T_{KN}$ Nm	Speed $n_{Kmax}$ rpm	Dimensions in mm Bore with keyway to DIN 6885													Mass moment of inertia		Article No. Order codes for bore diameters and tolerances are specified in catalog section 3	Weight $m$ kg	
			D1 min.	D2 max.	DA	ND1	ND2	NL1/ S	NL2	U1	U2	P	LG	$J_1$	$J_2$					
105 <sup>1)</sup>	200	7000	-	32	-	38	105	53	59	45	3	13	12	30	93	0.001	0.001	2LC0130-1AA	■ ■ -0AA0	1.9
125 <sup>1)</sup>	350	6000	-	40	-	48	125	65	68	50	3	16	15	35	103	0.003	0.003	2LC0130-2AA	■ ■ -0AA0	3.2
144	500	5250	-	45	-	55	144	76	84	55	3	16	15	35	113	0.004	0.006	2LC0130-3AA	■ ■ -0AA0	4.5
162	750	4650	-	50	-	60	162	85	92	60	3.5	20	18	40	123.5	0.007	0.013	2LC0130-4AA	■ ■ -0AA0	6.7
178	950	4200	-	60	-	70	178	102	108	70	3.5	20	18	40	143.5	0.014	0.022	2LC0130-5AA	■ ■ -0AA0	9.7
198	1300	3750	-	70	-	80	198	120	128	80	3.5	20	18	40	163.5	0.022	0.030	2LC0130-6AA	■ ■ -0AA0	12.9
228	2200	3300	-	80	-	90	228	129	140	90	3.5	26	24	50	183.5	0.038	0.071	2LC0130-7AA	■ ■ -0AA0	19
252	2750	3000	-	90	-	100	252	150	160	100	3.5	26	24	50	203.5	0.07	0.12	2LC0130-8AA	■ ■ -0AA0	26.3
285	4300	2650	48	100	48	110	285	164	175	110	4.5	32	30	60	224.5	0.13	0.22	2LC0131-0AA	■ ■ -0AA0	39
320	5500	2350	55	110	55	120	320	180	192	125	4.5	32	30	60	254.5	0.23	0.30	2LC0131-1AA	■ ■ -0AA0	53
360	7800	2100	65	120	65	130	360	200	210	140	4.5	42	42	75	284.5	0.41	0.70	2LC0131-2AA	■ ■ -0AA0	78
400	12500	2050	75	140	75	140	400	230	230	160	4.5	42	42	75	324.5	0.87	0.87	2LC0131-3AA	■ ■ -0AA0	105
450	18500	1800	85	160	85	160	450	260	260	180	5.5	52	52	90	365.5	1.7	1.7	2LC0131-4AA	■ ■ -0AA0	156
500	25000	1600	95	180	95	180	500	290	290	200	5.5	52	52	90	405.5	2.8	2.8	2LC0131-5AA	■ ■ -0AA0	200
560	39000	1450	100	140	100	140	560	250	250	220	6	68	68	120	446	4.6	4.6	2LC0131-6AA	■ ■ -0AA0	280
			140	180	140	180	300	300	5	5	2LC0131-6AA	■ ■ -0AA0	290							
			180	200	180	200	320	320	5.1	5.1	2LC0131-6AA	■ ■ -0AA0	295							
630	52000	1280	100	140	100	140	630	250	250	240	6	68	68	120	486	7.2	7.2	2LC0131-7AA	■ ■ -0AA0	345
			140	180	140	180	300	300	7.7	7.7	2LC0131-7AA	■ ■ -0AA0	370							
			180	220	180	220	355	355	8.4	8.4	2LC0131-7AA	■ ■ -0AA0	400							
710	84000	1150	110	160	110	160	710	290	290	260	7	80	80	140	527	13	13	2LC0131-8AA	■ ■ -0AA0	510
			160	200	160	200	330	330	14	14	2LC0131-8AA	■ ■ -0AA0	515							
			200	240	200	240	385	385	15	15	2LC0131-8AA	■ ■ -0AA0	540							

- ØD1:
  - Without finished bore up to size 500, from size 560 for 1st diameter range D1 – Without order codes **1**
  - Without finished bore from size 560 for 2nd diameter range D1 – Without order codes **2**
  - Without finished bore from size 560 for 3rd diameter range D1 – Without order codes **3**
  - With finished bore – With order codes for diameter and tolerance (article number without "-Z") **9**
- ØD2:
  - Without finished bore up to size 500, from size 560 for 1st diameter range D1 – Without order codes **1**
  - Without finished bore from size 560 for 2nd diameter range D2 – Without order codes **2**
  - Without finished bore from size 560 for 3rd diameter range D2 – Without order codes **3**
  - With finished bore – With order codes for diameter and tolerance (article number without "-Z") **9**

<sup>1)</sup> Hub material EN-GJS 400 spheroidal graphite cast iron.

# FLENDER Standard Couplings Flexible Couplings – RUPEX Series

**Type RWN - hub material grey cast iron**

Size	Rated torque buffer 80 ShoreA $T_{KN}$ Nm	Speed $n_{Kmax}$ rpm	Dimensions in mm											Mass moment of inertia		Article No. 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	P	LG	$J_1$	$J_2$						
			D1 min.	D2 max.																
800	110000	1000	125	180	125	180	800	320	320	290	7	80	80	140	587	22	22	2LC0132-0AA	-0AA0	670
			180	220	180	220		360	360							23	23	2LC0132-0AA	-0AA0	690
			220	260	220	260		420	420							24.5	24.5	2LC0132-0AA	-0AA0	730
900	150000	900	140	220	140	220	900	360	360	320	7.5	90	90	160	647.5	39	39	2LC0132-1AA	-0AA0	940
			220	260	220	260		425	425							41	41	2LC0132-1AA	-0AA0	960
			260	290	260	290		465	465							43	43	2LC0132-1AA	-0AA0	1030
1000	195000	810	150	240	150	240	1000	395	395	350	7.5	90	90	160	707.5	60	60	2LC0132-2AA	-0AA0	1200
			240	280	240	280		460	460							63	63	2LC0132-2AA	-0AA0	1250
			280	320	280	320		515	515							68	68	2LC0132-2AA	-0AA0	1310
1120	270000	700	160	200	160	200	1120	360	360	380	8.5	100	100	180	768.5	98	98	2LC0132-3AA	-0AA0	1470
			200	250	200	250		410	410							100	100	2LC0132-3AA	-0AA0	1510
			250	300	250	300		495	495							105	105	2LC0132-3AA	-0AA0	1600
			300	350	300	350		560	560							110	110	2LC0132-3AA	-0AA0	1690
1250	345000	650	180	230	180	230	1250	410	410	420	8.5	100	100	180	848.5	150	150	2LC0132-4AA	-0AA0	1850
			230	280	230	280		460	460							155	155	2LC0132-4AA	-0AA0	1900
			280	330	280	330		540	540							165	165	2LC0132-4AA	-0AA0	2025
			330	380	330	380		610	610							175	175	2LC0132-4AA	-0AA0	2210
1400	530000	570	200	260	200	260	1400	465	465	480	9	120	120	210	969	290	290	2LC0132-5AA	-0AA0	2820
			260	320	260	320		525	525							300	300	2LC0132-5AA	-0AA0	2900
			320	380	320	380		620	620							310	310	2LC0132-5AA	-0AA0	3180
			380	440	380	440		700	700							330	330	2LC0132-5AA	-0AA0	3260
1600	750000	500	260	320	260	320	1600	565	565	540	9	120	120	210	1089	490	490	2LC0132-6AA	-0AA0	3780
			320	380	320	380		625	625							500	500	2LC0132-6AA	-0AA0	3870
			380	440	380	440		720	720							530	530	2LC0132-6AA	-0AA0	4150
			440	480	440	480		770	770							550	550	2LC0132-6AA	-0AA0	4290
1800	975000	450	320	380	320	380	1800	660	660	600	12	140	140	240	1212	850	850	2LC0132-7AA	-0AA0	5550
			380	440	380	440		720	720							930	930	2LC0132-7AA	-0AA0	5630
			440	500	440	500		820	820							980	980	2LC0132-7AA	-0AA0	6000
			500	540	500	540		870	870							1050	1050	2LC0132-7AA	-0AA0	6250
2000	1300000	400	380	440	380	440	2000	760	760	660	12	140	140	240	1332	1350	1350	2LC0132-8AA	-0AA0	6800
			440	500	440	500		820	820							1400	1400	2LC0132-8AA	-0AA0	7000
			500	560	500	560		920	920							1500	1500	2LC0132-8AA	-0AA0	7350
			560	600	560	600		960	960							1550	1550	2LC0132-8AA	-0AA0	7620

- ØD1:
  - Without finished bore up to size 500, from size 560 for 1st diameter range D1 – Without order codes
  - Without finished bore from size 560 for 2nd diameter range D1 – Without order codes
  - Without finished bore from size 560 for 3rd diameter range D1 – Without order codes
  - Without finished bore from size 1120 for 4th diameter range D1 – Without order codes
  - With finished bore – With order codes for diameter and tolerance (article number without "-Z")
- ØD2:
  - Without finished bore up to size 500, from size 560 for 1st diameter range D1 – Without order codes
  - Without finished bore from size 560 for 2nd diameter range D2 – Without order codes
  - Without finished bore from size 560 for 3rd diameter range D2 – Without order codes
  - Without finished bore from size 1120 for 4th diameter range D2 – Without order codes
  - With finished bore – With order codes for diameter and tolerance (article number without "-Z")

From size 560 bores D1 and D2 are each provided with a recess of  $D = +1$  mm halfway along the hub.  $V \approx 1/3$  NL

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.

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

**Ordering example:**  
 RUPEX RWN coupling, size 710,  
 Part 1: hub left with bore 180H7 mm, with keyway to DIN 6885 and set screw,  
 Part 2: hub right with bore 200H7 mm, with keyway to DIN 6885 and set screw.

Article No.:  
**2LC0131-8AA99-0AA0**  
**L2B+M2D**

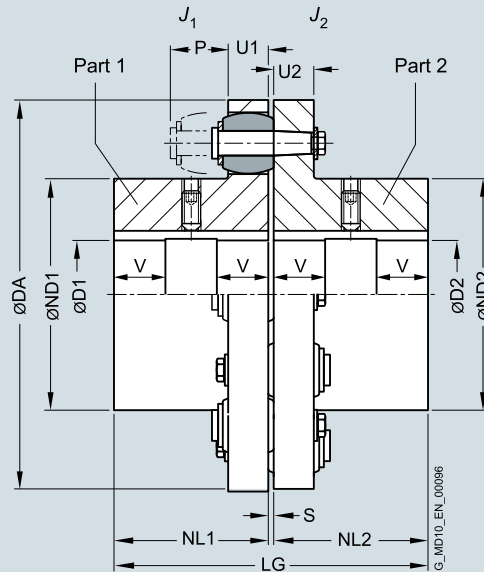
The article number applies to standard buffers of 80 ShoreA; the article number for alternative buffer types is available on request.

# FLENDER Standard Couplings

## Flexible Couplings – RUPEX Series

Type RWS - hub material steel

### Selection and ordering data



Size	Rated torque buffer 80 ShoreA $T_{KN}$ Nm	Speed $n_{Kmax}$ rpm	Dimensions in mm Bore with keyway to DIN 6885													Mass moment of inertia		Article No. Order codes for bore diameters and tolerances are specified in catalog section 3	Weight $m$ kg	
			D1 min.	D2 max.	DA	ND1	ND2	NL1/ NL2	S	U1	U2	P	LG	$J_1$	$J_2$					
105	200	10000	-	32	-	38	105	53	59	45	3	13	12	30	93	0.001	0.001	2LC0130-1AB	■ ■ -0AA0	1.9
125	350	9000	-	42	-	48	125	65	68	50	3	16	15	35	103	0.003	0.003	2LC0130-2AB	■ ■ -0AA0	3.2
144	500	7800	-	50	-	60	144	76	84	55	3	16	15	35	113	0.004	0.006	2LC0130-3AB	■ ■ -0AA0	4.5
162	750	6900	-	55	-	65	162	85	92	60	3.5	20	18	40	123.5	0.007	0.013	2LC0130-4AB	■ ■ -0AA0	6.7
178	950	6300	-	70	-	75	178	102	108	70	3.5	20	18	40	143.5	0.014	0.022	2LC0130-5AB	■ ■ -0AA0	9.7
198	1300	5600	-	80	-	85	198	120	128	80	3.5	20	18	40	163.5	0.022	0.030	2LC0130-6AB	■ ■ -0AA0	12.9
228	2200	4900	-	85	-	95	228	129	140	90	3.5	26	24	50	183.5	0.038	0.071	2LC0130-7AB	■ ■ -0AA0	19
252	2750	4400	-	100	-	110	252	150	160	100	3.5	26	24	50	203.5	0.07	0.12	2LC0130-8AB	■ ■ -0AA0	26.3
285	4300	3900	48	110	48	120	285	164	175	110	4.5	32	30	60	224.5	0.13	0.21	2LC0131-0AB	■ ■ -0AA0	39
320	5500	3500	55	125	55	130	320	180	192	125	4.5	32	30	60	254.5	0.23	0.32	2LC0131-1AB	■ ■ -0AA0	53
360	7800	3100	65	135	65	140	360	200	210	140	4.5	42	42	75	284.5	0.41	0.69	2LC0131-2AB	■ ■ -0AA0	78
400	12500	2800	75	150	75	150	400	230	230	160	4.5	42	42	75	324.5	0.92	0.92	2LC0131-3AB	■ ■ -0AA0	110
450	18500	2500	85	170	85	170	450	260	260	180	5.5	52	52	90	365.5	1.7	1.7	2LC0131-4AB	■ ■ -0AA0	163
500	25000	2200	95	190	95	190	500	290	290	200	5.5	52	52	90	405.5	2.8	2.8	2LC0131-5AB	■ ■ -0AA0	217
560	39000	2000	100	165	100	165	560	250	250	220	6	68	68	120	446	4.8	4.8	2LC0131-6AB	■ ■ -0AA0	274
			165	200	165	200	300	300	5.2	5.2	2LC0131-6AB	■ ■ -0AA0	292							
			200	210	200	210	320	320	5.4	5.4	2LC0131-6AB	■ ■ -0AA0	305							
630	52000	1800	100	165	100	165	630	250	250	240	6	68	68	120	486	7.6	7.6	2LC0131-7AB	■ ■ -0AA0	352
			165	200	165	200	300	300	7.9	7.9	2LC0131-7AB	■ ■ -0AA0	370							
			200	235	200	235	355	355	8.7	8.7	2LC0131-7AB	■ ■ -0AA0	400							
710	84000	1600	110	190	110	190	710	290	290	260	7	80	80	140	527	14.4	14.4	2LC0131-8AB	■ ■ -0AA0	507
			190	220	190	220	330	330	14.6	14.6	2LC0131-8AB	■ ■ -0AA0	530							
			220	250	220	250	385	385	15.9	15.9	2LC0131-8AB	■ ■ -0AA0	560							

- ØD1:
- Without finished bore up to size 500, from size 560 for 1st diameter range D1 – Without order codes **1**
  - Without finished bore from size 560 for 2nd diameter range D1 – Without order codes **2**
  - Without finished bore from size 560 for 3rd diameter range D1 – Without order codes **3**
  - With finished bore – With order codes for diameter and tolerance (article number without "-Z") **9**
- ØD2:
- Without finished bore up to size 500, from size 560 for 1st diameter range D1 – Without order codes **1**
  - Without finished bore from size 560 for 2nd diameter range D2 – Without order codes **2**
  - Without finished bore from size 560 for 3rd diameter range D2 – Without order codes **3**
  - With finished bore – With order codes for diameter and tolerance (article number without "-Z") **9**

# FLENDER Standard Couplings Flexible Couplings – RUPEX Series

## Type RWS - hub material steel

Size	Rated torque buffer 80 ShoreA $T_{KN}$ Nm	Speed $n_{Kmax}$ rpm	Dimensions in mm											Mass moment of inertia		Article No. 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	$J_1$			$J_2$
			D1 min.	D1 max.	D2 min.	D2 max.												
800	110000	1400	125	210	125	210	800	320	320	290	7	80	140	587	23.1	23.1	<b>2LC0132-0AB</b> ■ ■ ■ -0AA0	683
			210	240	210	240		360	360	23.3					23.3	<b>2LC0132-0AB</b> ■ ■ ■ -0AA0		715
			240	280	240	280		420	420	25.7					25.7	<b>2LC0132-0AB</b> ■ ■ ■ -0AA0		762
900	150000	1250	140	210	140	210	900	320	320	320	7.5	90	160	647.5	40	40	<b>2LC0132-1AB</b> ■ ■ ■ -0AA0	907
			210	240	210	240		360	360	41					41	<b>2LC0132-1AB</b> ■ ■ ■ -0AA0		933
			240	280	240	280		425	425	44					44	<b>2LC0132-1AB</b> ■ ■ ■ -0AA0		1000
			280	310	280	310		465	465	45					45	<b>2LC0132-1AB</b> ■ ■ ■ -0AA0		1025
1000	195000	1100	150	230	150	230	1000	355	355	350	7.5	90	160	707.5	63	63	<b>2LC0132-2AB</b> ■ ■ ■ -0AA0	1170
			230	260	230	260		395	395	64					64	<b>2LC0132-2AB</b> ■ ■ ■ -0AA0		1208
			260	300	260	300		460	460	68					68	<b>2LC0132-2AB</b> ■ ■ ■ -0AA0		1290
			300	340	300	340		515	515	70					70	<b>2LC0132-2AB</b> ■ ■ ■ -0AA0		1343
1120	270000	1000	160	240	160	240	1120	360	360	380	8.5	100	180	768.5	105	105	<b>2LC0132-3AB</b> ■ ■ ■ -0AA0	1560
			240	270	240	270		410	410	106					106	<b>2LC0132-3AB</b> ■ ■ ■ -0AA0		1660
			270	330	270	330		495	495	109					109	<b>2LC0132-3AB</b> ■ ■ ■ -0AA0		1730
			330	370	330	370		560	560	119					119	<b>2LC0132-3AB</b> ■ ■ ■ -0AA0		1870
1250	345000	900	180	270	180	270	1250	410	410	420	8.5	100	180	848.5	168	168	<b>2LC0132-4AB</b> ■ ■ ■ -0AA0	2000
			270	300	270	300		460	460	172					172	<b>2LC0132-4AB</b> ■ ■ ■ -0AA0		2150
			300	360	300	360		540	540	179					179	<b>2LC0132-4AB</b> ■ ■ ■ -0AA0		2200
			360	400	360	400		610	610	189					189	<b>2LC0132-4AB</b> ■ ■ ■ -0AA0		2420
1400	530000	800	200	310	200	310	1400	465	465	480	9	120	210	969	316	316	<b>2LC0132-5AB</b> ■ ■ ■ -0AA0	3020
			310	350	310	350		525	525	322					322	<b>2LC0132-5AB</b> ■ ■ ■ -0AA0		3120
			350	410	350	410		620	620	337					337	<b>2LC0132-5AB</b> ■ ■ ■ -0AA0		3350
			410	460	410	460		700	700	357					357	<b>2LC0132-5AB</b> ■ ■ ■ -0AA0		3570
1600	750000	700	260	370	260	370	1600	565	565	540	9	120	210	1089	540	540	<b>2LC0132-6AB</b> ■ ■ ■ -0AA0	3890
			370	410	370	410		625	625	554					554	<b>2LC0132-6AB</b> ■ ■ ■ -0AA0		4270
			410	480	410	480		720	720	587					587	<b>2LC0132-6AB</b> ■ ■ ■ -0AA0		4300
			480	510	480	510		770	770	611					611	<b>2LC0132-6AB</b> ■ ■ ■ -0AA0		4630
1800	975000	600	320	440	320	440	1800	660	660	600	12	140	240	1212	1043	1043	<b>2LC0132-7AB</b> ■ ■ ■ -0AA0	6230
			440	480	440	480		720	720	1072					1072	<b>2LC0132-7AB</b> ■ ■ ■ -0AA0		6460
			480	540	480	540		820	820	1122					1122	<b>2LC0132-7AB</b> ■ ■ ■ -0AA0		6770
			540	580	540	580		870	870	1143					1143	<b>2LC0132-7AB</b> ■ ■ ■ -0AA0		7030
2000	1300000	550	380	500	380	500	2000	760	760	660	12	140	240	1332	1628	1628	<b>2LC0132-8AB</b> ■ ■ ■ -0AA0	8140
			500	540	500	540		820	820	1664					1664	<b>2LC0132-8AB</b> ■ ■ ■ -0AA0		8430
			540	610	540	610		920	920	1735					1735	<b>2LC0132-8AB</b> ■ ■ ■ -0AA0		8860
			610	640	610	640		960	960	1793					1793	<b>2LC0132-8AB</b> ■ ■ ■ -0AA0		9050

- ∅D1:
- Without finished bore up to size 500, from size 560 for 1st diameter range D1 – Without order codes
  - Without finished bore from size 560 for 2nd diameter range D1 – Without order codes
  - Without finished bore from size 560 for 3rd diameter range D1 – Without order codes
  - Without finished bore from size 900 for 4th diameter range D1 – Without order codes
  - With finished bore – With order codes for diameter and tolerance (article number without "-Z")
- ∅D2:
- Without finished bore up to size 500, from size 560 for 1st diameter range D2 – Without order codes
  - Without finished bore from size 560 for 2nd diameter range D2 – Without order codes
  - Without finished bore from size 560 for 3rd diameter range D2 – Without order codes
  - Without finished bore from size 900 for 4th diameter range D2 – Without order codes
  - With finished bore – With order codes for diameter and tolerance (article number without "-Z")

From size 560 bores D1 and D2 are each provided with a recess of  $D = +1$  mm halfway along the hub.  $V \approx 1/3$  NL

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.

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

Ordering example:  
RUPEX RWS coupling, size 710,  
Part 1: Hub left with bore 180H7 mm, with keyway to DIN 6885 and set screw,  
Part 2: Hub right with bore 200H7 mm, with keyway to DIN 6885 and set screw.

Coupling balanced G6.3 in accordance with the half parallel key standard.

Article No.:  
**2LC0131-8AB99-0AA0-Z**  
**L2B+M2D+W02**

The article number applies to standard buffers of 80 ShoreA; the article number for alternative buffer types is available on request.