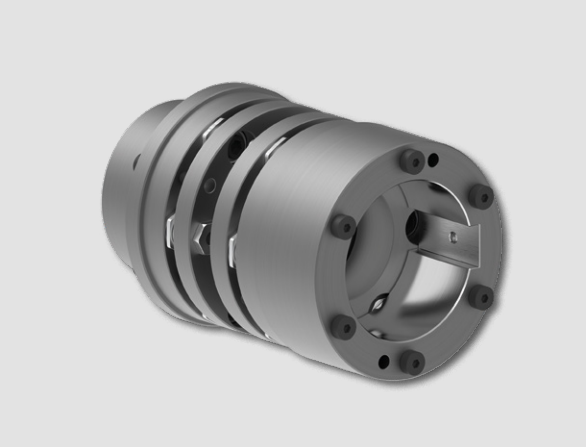
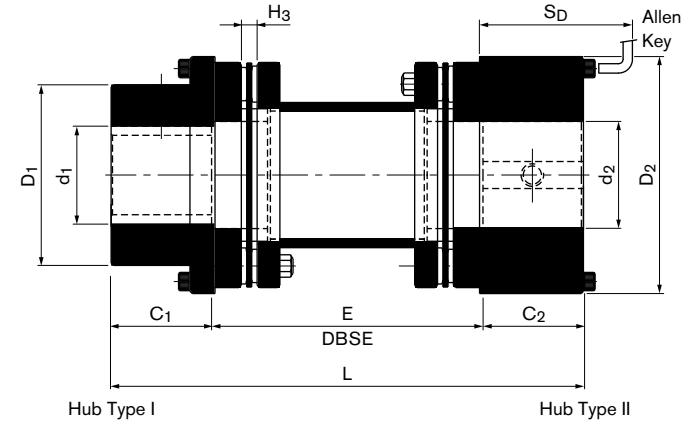
Steel Disc Couplings

RINGFEDER® RLDM BAB

Double-Jointed Type with Spacer, Particularly Suited for High-Speed Applications. Compliant with API 610 and API 671.





Size	T_{KN}	T_{kmax}	n_{max}	Max. Bore Diameter		D_1	D_2	C_1/C_2
				d_1	d_2			
RLDM BAB	Nm	Nm	1/min	mm	mm	mm	mm	mm
13	124	310	25500	36	51	54	86	40
33	315	790	20000	46	70	69	105	45
75	716	1790	16500	65	90	90	130	55
135	1289	3220	14400	80	102	112	152	62
230	2196	5490	12000	90	121	131	179	70
350	3342	8360	10500	115	-	163	197	90
500	4775	11940	9500	127	-	181	222	95
740	7066	17670	8000	140	-	206	247	107
930	8881	22200	7000	155	-	223	272	115
1400	13369	33400	6000	172	-	248	297	130

Size	Min E	Std. E	L	H_3	S_D	Gw			
						Transmission Unit		Unbored Hubs	
						Std. E	Per Meter Extra E	Type I	Type II
RLDM BAB	mm	mm		mm	mm	kg	kg/m	kg	kg
13	75	100, 140, 180	180, 220, 260	7.7	90	1.5	3.1	1.0	1.9
33	90		190, 230, 270	8.5	105	3.0	5.0	1.4	3.1
75	107	140, 180, 250	250, 290, 360	8.9	120	5.6	6.5	3.6	5.8
135	127		264, 304, 374	10.2	127	9.3	10.5	5.9	8.7
230	133		280, 320, 390	10.2	135	14.0	13.0	9.0	14.0
350	139	180, 250	357, 427	13.7	-	18.7	22.0	16.4	-
500	141		367, 437	14.5	-	25.6	22.0	21.0	-
740	143		390, 460	15.2	-	34.2	27.5	30.0	-
930	155		406, 476	16	-	44.0	40.0	38.0	-
1400	175		436, 506	17.5	-	130	248	52.1	-

To continue see next page

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Explanations

T_{KN}	= Nom. Transmissible Torque	C_1/C_2	= Guided Length in Bore Hub Type I / Hub Type II	H_3	= Width of Disc Pack
T_{kmax}	= Short-Term Peak Torque	Min. E	= Min. Distance Between Shaft Ends	S_D	= Disassembly Space
n_{max}	= Max. Rotational Speed	Std. E	= Std. Distance Between Shaft Ends	Gw	= Approx. Weight
d_1/d_2	= Bore Diameter Hub Type I / Hub Type II	L	= Total Length		
D_1/D_2	= Outer Diameter Hub Type I / Hub Type II				

Technical Information

- All dimensions are in millimeters, unless otherwise specified. Decimal points are used as decimal separators.
- For max. permissible axial, angular and radial shaft misalignment, please contact RINGFEDER POWER TRANSMISSION.
- Dimension S_D is applicable for hubs of Type II only.
- Without further instructions on balancing, the coupling parts are balanced individually according to DIN 21940-11 in quality G 6,3 at 1500 1/min. The hubs are balanced half key (before grooving), the spacer without screwed-on disc packs.
- From a peripheral speed of 30 m/s, separate balancing of the individual coupling parts is recommended.
- Couplings with non-standard E (DBSE) available on request.
- For vertical installation, please contact RINGFEDER POWER TRANSMISSION.
- Couplings for ATEX applications available on request.

Ordering example

Series	Type	Hub Types	Size	Distance Between Shaft Ends E	Bore Diameter d_1	Bore Diameter d_2
RLDM	BAB	Type I / Type II	230	138	80	115

Ordering Information

- Please specify the hub types required for your application (Type I / Type I, Type I / Type II, Type II / Type II).
- Without further specifications, we deliver as standard: Bore tolerance H7; Keyway acc. to DIN 6885-1; Keyway width tolerance JS9; Set screw per hub. For bores complying with AGMA or other specifications, please contact RINGFEDER POWER TRANSMISSION.

Disclaimer of liability
All technical details and notes are non-binding and cannot be used as a basis for legal claims. The user is obligated to determine whether the represented products meet his requirements. We reserve the right to carry out modifications at any time in the interests of technical progress.

RINGFEDER POWER TRANSMISSION