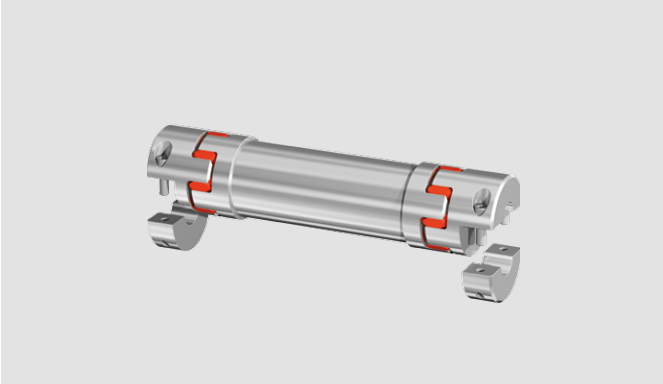
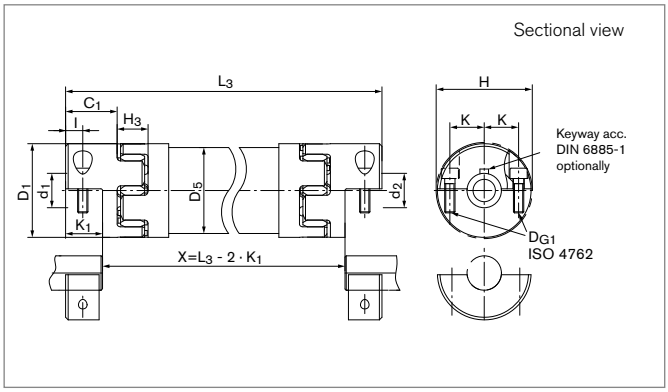
Elastomer Jaw Couplings

RINGFEDER® GWE Z5106.1

Servo-Insert coupling with clamping hubs in split hub design for large shaft spacings





Size	$d_1;d_2$ min-max	$d_{1k};d_{2k}$ min-max	C_1	D_1	D_5	H	H_3	l	K	K_1	L_3 min-max
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
14	5 - 16	5 - 16	11,0	30	30	32,0	13	5,0	11,0	9,0	85 - 3000
19	6 - 20	6 - 20	25,5	40	40	46,0	16	8,0	14,5	19,0	146 - 3000
24	10 - 32	10 - 32	30,0	55	50	57,0	18	10,5	20,0	21,0	180 - 3000
28	10 - 38	10 - 38	35,0	65	60	71,0	20	11,0	24,5	23,5	216 - 3000
38	12 - 48	12 - 48	45,0	80	80	83,0	24	15,5	30,0	33,0	266 - 3000
42	14 - 54	14 - 54	50,0	95	90	95,0	26	18,0	32,5	35,0	280 - 3000
48	15 - 60	15 - 60	57,5	105	100	104,5	28	21,0	37,0	41,0	296 - 3000

Size	T	C_m	H_{es}	D_{G1}	T_{A1}
	Nm	Nm/rad		mm	Nm
14	12,5	1526	98 SH A	2 x M3	2
19	17	3244	98 SH A	2 x M6	11
24	60	6631	98 SH A	2 x M6	15
28	160	11815	98 SH A	2 x M8	32
38	325	44929	98 SH A	2 x M8	38
42	450	75797	98 SH A	2 x M10	84
48	525	91158	98 SH A	2 x M12	145

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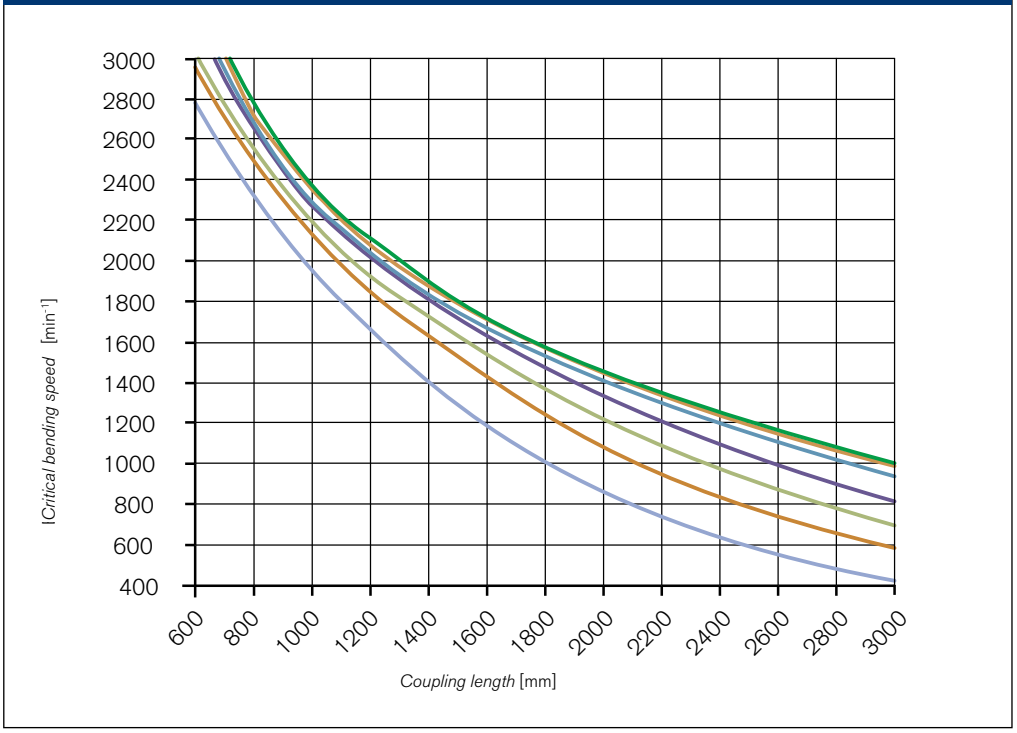
Elastomer Jaw Couplings RINGFEDER® GWE Z5106.1

Transmissible torque T [Nm]

Size	Ø5	Ø6	Ø8	Ø9	Ø10	Ø12	Ø14	Ø15	Ø16	Ø18	Ø20	Ø22	Ø24	Ø25	Ø30	Ø35	Ø40	Ø44	Ø48	Ø50	Ø58
	Nm																				
14	3,7	4,4	5,9	6,6	7,4	8,8	10,3	11,1	11,8	---	---	---	---	---	---	---	---	---	---	---	---
19	---	12,6	17	17	17	17	17	17	17	17	17	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	29	34	40	43	46	51	57	60	60	60	60	---	---	---	---	---	---
28	---	---	---	---	---	55	65	69	74	83	92	102	111	116	139	162	---	---	---	---	---
38	---	---	---	---	---	66	77	82	88	99	110	121	132	137	165	192	219	247	---	---	---
42	---	---	---	---	---	---	139	149	159	179	198	218	238	248	298	347	397	446	---	---	---
48	---	---	---	---	---	---	---	---	233	262	292	321	350	364	437	510	525	525	525	525	525

Critical bending speed for line shafts (operating speed = critical bending speed / 1,4)

GWE Z5106.1



Legend

- Size 48
- Size 42
- Size 38
- Size 28
- Size 24
- Size 19
- Size 14

To continue see next page

Elastomer Jaw Couplings RINGFEDER® GWE Z5106.1

Explanations

$d_1;d_{2min}$	= Min. bore diameter d_1/d_2	H	= Clearance diameter	T	= Transmissible torque at given T_A
$d_1;d_{2max}$	= Max. bore diameter d_1/d_2	H_3	= Length of damping module	C_m	= Torsional stiffness of extension tube per meter
$d_{1k};d_{2kmin}$	= Min. bore diameter d_1/d_2 with keyway acc. to DIN 6885-1	l	= Distance between center screw hole and hub end	H_{es}	= Hardness of the elastomeric spider
$d_{1k};d_{2kmax}$	= Max. bore diameter d_1/d_2 with keyway acc. to DIN 6885-1	K	= Distance shaft axis - clamping screw axis	D_{G1}	= Thread
C_1	= Guided length in hub bore	K_1	= Clamping length	T_{A1}	= Tightened torque of clamping screw D_{G1}
D_1	= Outer diameter	L_{3min}	= Min. length of line shaft		
D_5	= Tube diameter	L_{3max}	= Max. length of line shaft		

Ordering example

Series Size	Bore diameter d_1	Bore diameter d_2	Length of Line Shaft L_3	Spider hardness (optional) [1]	Spider bore d_{bz} (optional) [1]	Further details
GWE Z5106.1-14	8	10	1000	64 SH D	8,5	*

[1] If a different spider hardness is selected, the detailed technical data for the sprockets must be observed. See chapter „Elastomer Jaw Couplings RINGFEDER® GWE Technical description“ in Product Paper & Tech Paper „RINGFEDER® Elastomer Jaw Couplings“
* Keyway

Further information on
RINGFEDER® GWE Z5106.1
on **www.ringfeder.com**

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