

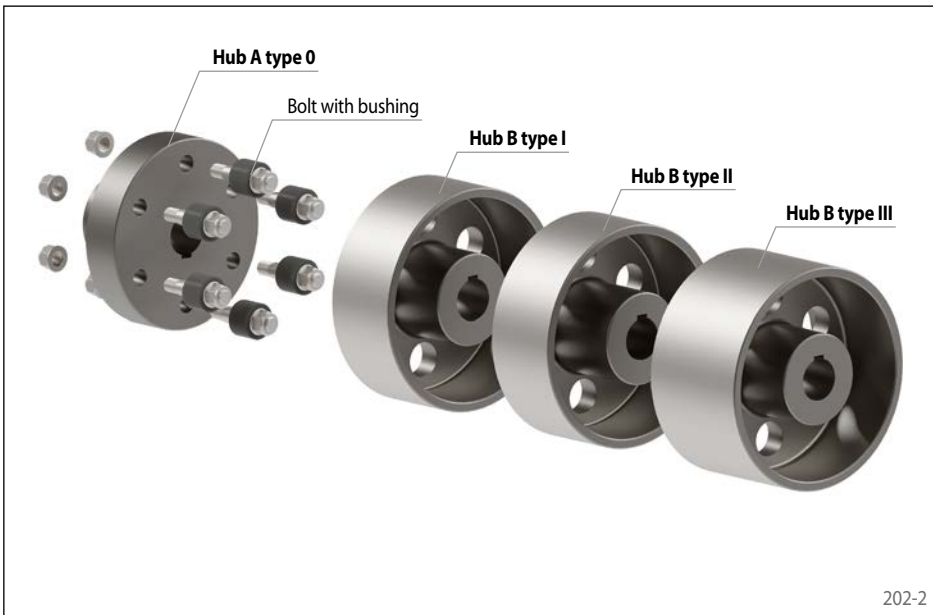
torsional elastic
with brake drum



202-1

Features

- Nominal torques up to 7 000 Nm
- Compensation of axial, radial and angular misalignments
- Coupling and brake drum matched to RINGSPANN brake systems
- Adsorbs vibrations
- Fail-safe in the event of the failure of the bushings
- Easy replacement of bushings without disassembly of the coupling halves
- Maintenance free, no lubrication necessary
- Typical applications: Belt drives, ventilators, hoists



202-2



202-3

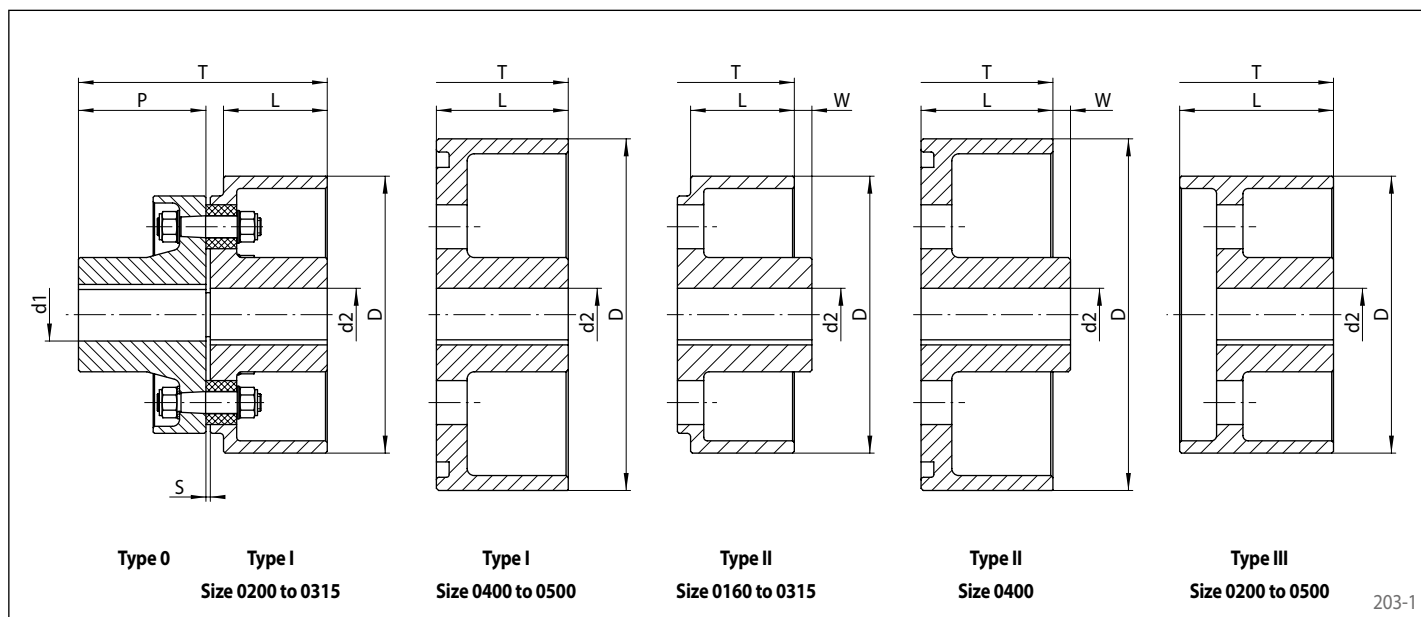
Order example

Order example	Code
Coupling design	REB
Coupling size	0250
Type	DST
Material of the hub:	
• Cast iron* (up to size 0250)	GJL
• Nodular cast iron (from size 0315)	GJS
Hub A, type:	
• 0, standard without brake drum	0
Hub A, design:	
• finish bored with keyway	FB
• roughbored	VA
Bore diameter hub A	055
Hub B, type:	
• I, with brake drum DIN 15431	1
• II, with brake drum DIN 15431 (extended hub)	2
• III, with wide drum	3
Hub B, design:	
• finish bored with keyway	FB
• roughbored	VA
Bore diameter hub B	055
Material of bushings:	
• NBR 70 Shore-A	NB70
Option I: Balancing	
• no balancing	0
• G6.3 according to DIN 1940	6
Option II: Surface protection	
• no surface protection	0
• 80µm (C2 nach DIN 12944)	B

REB 0250 DST-GJL-0FB055-1FB055-NB70-6B00

* Hub type 0 only available in cast iron

torsional elastic
with brake drum



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Coupling size	Nominal torque T_{KN} Nm	Max. speed n_{max} min ⁻¹	Moment of inertia with max. bore J_K kgm ²				Permissible misalignments		
			Hub type 0	Hub type I	Hub type II	Hub type III	Axial mm	Radial mm	Angular °
0160	250	3000	0,012	-	0,015	-	± 1,5	0,16	0,5
0200	500	2400	0,025	0,045	0,045	0,056	± 1,5	0,20	
0250	1000	1900	0,060	0,125	0,125	0,165	± 1,5	0,25	
0315	2000	2400	0,170	0,380	0,380	0,515	± 2,0	0,31	
0400	4000	1900	0,400	1,200	1,200	1,550	± 2,0	0,40	
0500	7000	1500	1,200	3,550	-	4,700	± 2,5	0,50	

Coupling size	Pilot bore		Min. bore		Max. bore		D mm	L mm			P mm	S mm	T mm	W mm	No. of bushings	Weight kg			
	d1 Hub type 0 mm	d2 Hub type I/II/III mm	d1 Hub type 0 mm	d2 Hub type I/II/III mm	d1 Hub type 0 mm	d2 Hub type I/II/III mm		Hub type I mm	Hub type II mm	Hub type III mm						Hub type 0 kg	Hub type I kg	Hub type II kg	Hub type III kg
0160	15	16*	18	18*	38	40*	160	-	60	-	80	4	152	15	4	4,5	-	5	-
0200	20	20	24	24	42	50	200	75	75	110	110	4	199	15	4	8	9	9,5	10,5
0250	30	25	33	28	60	60	250	95	95	140	145	4	254	20	6	14	16,5	17,5	19,5
0315	35	30	38	33	70	80	315	118	118	175	145	5	283	20	6	23	31,5	33,0	37,5
0400	40	35	43	38	80	90	400	150	150	220	175	5	330	20	6	36	56,0	58,5	67,0
0500	54	40**	57	43**	90	100**	500	190	-	280	180	6	376	-	6	60	101	-	123

* only hub type II available

** only hub type I + III available