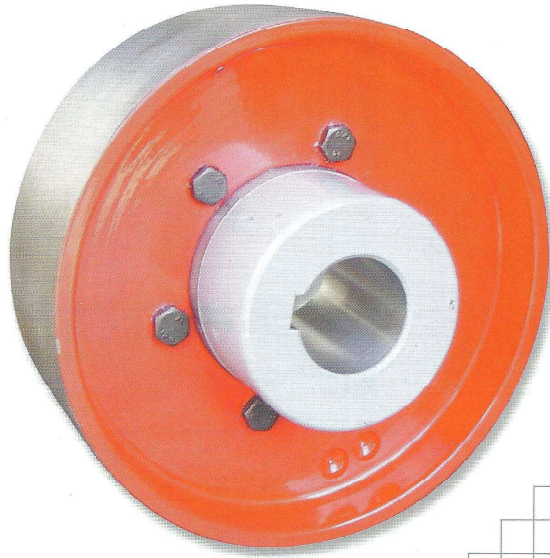
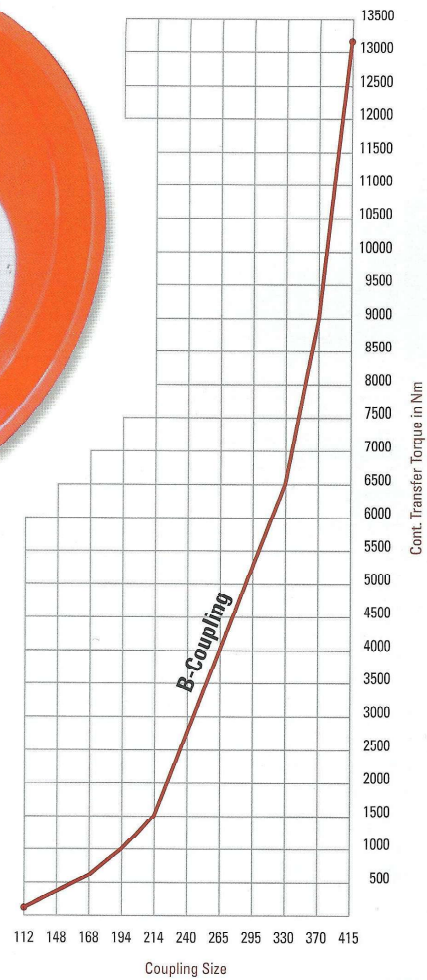


Flexible Coupling Type B-EBT + B-GBT



PINTSCH BUBENZER
is certified according to
DIN EN ISO 9001:2008



Torsionally Elastic



Tried and Trusted



High Performance



Robust



Easy Maintenance

Description Coupling Type B-EBT, B-GBT



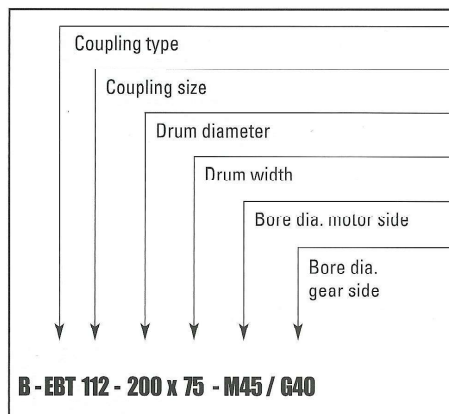
Main Features

- Multi component GG / GGG coupling, torsionally elastic and puncture-proof
- Transmission of torque via elastic intermediate ring
- Replacement of the elastic intermediate ring without disturbing any equipment (B-GBT only)
- Arrangement of the brake drum on the load side to allow the brake torque to be maintained when the motor is disengaged
- Extensive selection of coupling sizes and brake drum diameters to satisfy most braking and drive requirements

Options

- Coupling hubs ready bored and keywayed (preferably acc. to DIN 6885)
- Coupling hubs tapered bored
- Coupling hubs with double keyway
- Coupling hubs pilot bored
- Coupling balanced according to ISO 1940-Grade: G 6.3
- Special material for elastic intermediate ring according to application
- Coupling without brake drum

Ordering Example



Applications

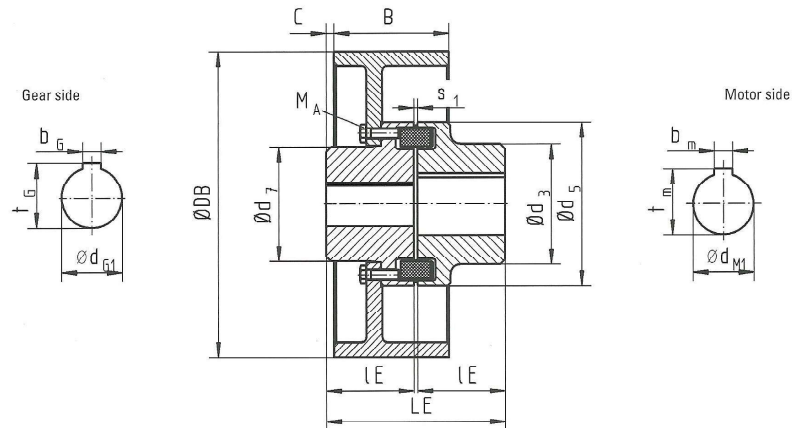
- The design of these couplings makes them particularly suitable in machinery subjected to high dynamic stress
- Damping of peak torques and vibrations are further reasons for the use of this coupling type
- The standard material of the elastic intermediate ring is suitable for a temperature range of -20°C...+80°C

Flexible Coupling Type B-EBT

Dimensions and technical data



Rev. 12-06



All dimensions in mm
Alterations reserved without notice

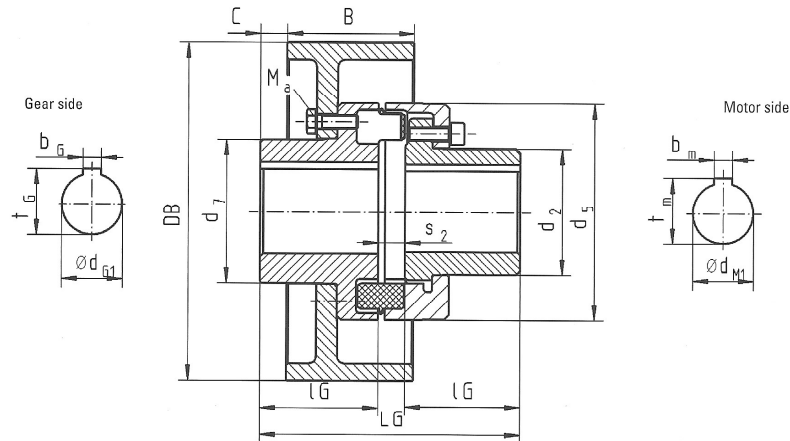
B-EBT (= d ₅)		112	128	148	168	194	214	240	265	295	330	370	415	
M _{Br} max.		Nm	450	550	1000	1600	2750	3350	4200	8700	9800	10600	13500	16000
T _{KN}		Nm	150	250	390	630	1050	1500	2400	3700	4900	6400	8900	13200
n _{max}		min ⁻¹	6000	5000	4500	4000	3500	3000	2750	2500	2250	2000	1750	1500
d _{M1} max.		mm	48	55	65	75	85	95	110	120	130	150	170	190
d _{G1} max.		mm	42	52	58	72	85	92	102	120	130	150	170	185
d ₃		mm	79	90	107	124	140	157	179	198	214	248	278	315
d ₇		mm	68	85	94	118	138	153	168	198	214	248	278	308
C		mm	11	16	16	*A	16,5	*B	*C	22	*D	*E	15	25
IE		mm	60	70	80	90	100	110	120	140	150	160	180	200
LE		mm	123,5	143,5	163,5	183,5	203,5	224	244	285,5	308	328	368	408
S ₂		mm	3,5±1	3,5±1	3,5±1	3,5±1,5	3,5±1,5	4±2	4±2	5,5±2,5	8±2,5	8±2,5	8±2,5	8±2,5
M _A		Nm	25	25	49	49	85	85	85	210	210	210	210	210
Brake drum diameter DB x B (mm)	200 x 75	9,1	12,3					Weight of the coupling				kg		
		0,038	0,044					Moment of inertia with brake drum				kgm ²		
	250 x 95			20,2	26,4									
				0,116	0,14									
	315 x 118				32,9	40,4	49,2							
					0,3511	0,39	0,45							
	400 x 150						63,4	72,6						
								1,056	1,145					
	500 x 190							96,6	116,8	133,9				
							2,795	2,99	3,3					
630 x 236	*A Dimension C = 19 mm at Ø 250 mm, 8 mm at Ø 315 mm *B Dimension C = 19 mm at Ø 315 mm, 12,5 mm at Ø 400 mm *C Dimension C = 18 mm at Ø 400 mm, 9 mm at Ø 500 mm								192,9	236,5				
710 x 265	*D Dimension C = 30 mm at Ø 500 mm, 5 mm at Ø 630 mm *E Dimension C = 11 mm at Ø 630 mm, 0 mm at Ø 710 mm								8,67	9,15				
										264,5	313,8	381,1		
											15,26	16,22	17,77	

Flexible Coupling Type B-GBT

Dimensions and technical data



Rev. 12-09



All dimensions in mm
Alterations reserved without notice

B-GBT (= d_5)		112	128	148	168	194	214	240	265	295	330	370	415
M_{Br} max.	Nm	450	550	1000	1600	2750	3350	4200	8700	9800	10600	13500	16000
T_{KN}	Nm	150	250	390	630	1050	1500	2400	3700	4900	6400	8900	13200
n_{max}	min ⁻¹	6000	5000	4500	4000	3500	3000	2750	2500	2250	2000	1750	1500
d_{M1} max.	mm	46	53	65	75	85	95	100	115	130	135	160	180
d_{G1} max.	mm	42	52	58	72	85	92	102	120	130	150	170	185
d_2	mm	64,5	74,5	92,5	104,5	121,5	135,5	146	164	181	208	241	275
d_7	mm	68	85	94	118	138	153	168	198	214	248	278	308
C	mm	11	16	16	*A	16,5	*B	*C	22	*D	*E	15	25
L_G	mm	58	68	78	87	97	107	117	137	147	156	176	296
L_G	mm	133	154	176	198	221	243	267	310	334	356	399	441
S_2	mm	15±1	16±1	18±1	21±1,5	24±1,5	26±2	30±2	33±2	37±2,5	40±2,5	43±2,5	45±2,5
M_A	Nm	25	25	49	49	85	85	85	210	210	210	210	210
Brake drum diameter $DB \times B$ (mm)	200 x 75	9,1	12,4					Weight		of the coupling			
		0,038	0,045					Moment of inertia		with brake drum			
	250 x 95			20,2	26,4								
				0,12	0,15								
	315 x 118				32,9	40,9	49,2						
					0,353	0,396	0,46						
	400 x 150						63,4	71,7					
							1,065	1,157					
	500 x 190							95,7	115,9	133,7			
								2,807	3,014	3,26			
	630 x 236	*A Dimension C = 19 mm at $\varnothing$ 250 mm, 8 mm at $\varnothing$ 315 mm *B Dimension C = 19 mm at $\varnothing$ 315 mm, 12,5 mm at $\varnothing$ 400 mm *C Dimension C = 18 mm at $\varnothing$ 400 mm, 9 mm at $\varnothing$ 500 mm *D Dimension C = 30 mm at $\varnothing$ 500 mm, 5 mm at $\varnothing$ 630 mm *E Dimension C = 11 mm at $\varnothing$ 630 mm, 0 mm at $\varnothing$ 710 mm								192,7	233,1		
										8,63	9,183		
	710 x 265										261,1	310,8	379,5
											15,29	16,28	17,9