



Coupling with std. bushes

FEATURES

- Age old proven concept
- Better misaligning tolerances
- Standard bushes (element) in natural rubber. Different elements available on request
- The flexible bushes remain unaffected by water, dust and atmospheric conditions
- Range up to 197600 Nm
- Working temperature up to 70° C

DIMENSIONS & TECHNICAL DATA

Size	Rated Torque Nm	kW Rating at			Min. Bore	Max. Bore	Max. speed rpm	Dimensions are in mm					No. of holes	Weight in kg approx	Moment of Inertia (WR ²) (kg.m ²)
		100 rpm	1440 rpm	3000 rpm				ØA	B	E	C	ØD			
95	77	0.81	11.66	24.3	12.7	28	6100	95	79	38	3	40	3	1.738	0.0015
114	310	3.25	46.8	97.5	12.7	30	5100	114	99	48	3	42	4	2.883	0.0038
130	516	5.4	77.8	162	16	42	4400	130	105	51	3	60	6	4.316	0.0069
160	621	6.5	93.6	195	16	48	3600	160	107	51	5	68	4	8.733	0.024
191	831	8.7	125.3	261	20	65	3000	191	125	60	5	90	4	13.596	0.051
191	1241	13	187.5	390	20	65	3000	191	125	60	5	90	6	13.666	0.052
200	1241	13	187.5	390	20	65	2800	200	125	60	5	90	6	14.68	0.061
225	1662	17.4	250.6	-	25	75	2600	225	157	76	5	105	6	20.634	0.102
254	2359	24.7	355.7	-	45	90	2300	254	183	89	5	135	8	30.106	0.181
254	2932	30.7	442	-	45	90	2300	254	183	89	5	135	10	30.176	0.182
254	3533	37	532.6	-	45	90	2300	254	183	89	5	135	12	30.245	0.182
290	4154	43.5	626.4	-	60	115	1950	290	235	115	5	170	12	49.983	0.364
300	5195	54.4	783.4	-	60	120	1900	300	235	115	5	180	14	59.571	0.495
310	5816	60.9	877	-	65	130	1850	310	255	125	5	195	16	70.279	0.614
340	7268	76.1	1096	-	65	135	1650	340	265	130	5	200	18	81.565	0.836
360	8729	91.4	1316	-	70	140	1590	360	276	135	6	210	12	107.42	1.379
390	9932	104	-	-	80	150	1470	390	316	155	6	225	12	134.09	1.956
410	13274	139	-	-	90	160	1400	410	336	165	6	240	15	154.04	2.459
440	14420	151	-	-	100	170	1300	440	366	180	6	255	16	185.69	3.32
480	18050	181	-	-	110	180	1200	480	386	190	6	270	18	232.7	5.107
530	23780	249	-	-	120	190	1080	530	406	200	6	285	20	280.03	7.436
580	35100	367.38	-	-	120	220	950	580	426	210	6	315	24	357	11.05
630	41600	435.41	-	-	140	240	900	630	532	260	12	360	14	576	22.05
710	58500	612.3	-	-	140	260	800	710	572	280	12	390	16	748	35.2
800	87750	918.45	-	-	180	290	700	800	612	300	12	430	18	993	61.8
900	111800	1170.17	-	-	200	325	625	900	652	32	14	480	12	1485	124.6
1000	197600	2068.21	-	-	230	350	575	1000	714	350	14	540	16	1937	195.5

MATERIAL SPECIFICATIONS

Hub	Size - 95 - 360	Cast Iron	CI	DIN 1693 GG 25
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Bush 80° Shore A	All Size	Natural Rubber	NR	ASTM D2000 810
Coupling pin	All Size	Steel C 40	St	EN / DIN 10263 - 2



• Alternative Bush for higher power ratings is available on request

Bush 92° Shore A	All Size	Natural Rubber	NR	ASTM D2000 910	Torque 1.6 times of standard
Bush 92° Shore A (Yellow Colour)	All Size	Polyurethane	PU		Torque 1.8 times of standard
Bush 98° Shore A (Red Colour)	All Size	Polyurethane	PU		Torque 2.5 times of standard

• For temperature range of elastomers please see on page no. 47 - coupling selection

