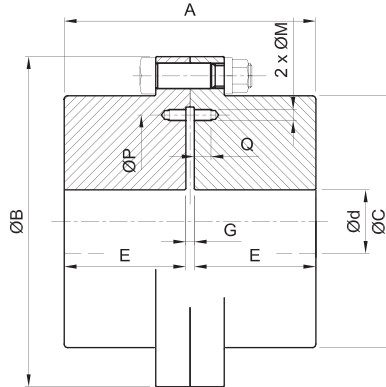


# F Series Dimensions

## FRR Rigid Coupling



Type FRR	Bore diameter Ød		Torque <sup>2</sup>		Speed <sup>3</sup> max [ r/min ]	Inertia <sup>4</sup> [ kgm <sup>2</sup> ]	Weight <sup>3</sup> [ kg ]
	min [ mm ]	max <sup>1</sup> [ mm ]	T <sub>N</sub> * [ Nm ]	T <sub>P</sub> * [ Nm ]			
45	55	0	1300	2600	6000	0.005	4.4
60	75	0	2800	5600	5500	0.017	8.4
75	95	0	5000	10000	5000	0.041	15
95	110	0	10000	20000	4400	0.109	27
110	130	0	16000	32000	4000	0.203	40
130	155	55	22000	44000	3500	0.459	62
155	180	65	32000	64000	3000	0.900	92
175	200	80	45000	90000	2700	1.400	123
195	230	90	62000	124000	2500	2.700	185
215	250	100	84000	168000	2200	4.100	244
240	280	120	115000	230000	2100	6.000	308
275	330	150	174000	348000	2000	12.000	461

Sizes 280 to 1130 are also available.

Type FRR	A [ mm ]	ØB [ mm ]	ØC [ mm ]	E [ mm ]	G [ mm ]	ØM [ mm ]	ØP [ mm ]	Q [ mm ]
45	87	111	80	40	7	-	-	-
60	101	141	104	47	7	-	-	-
75	123	171	126	58	7	-	-	-
95	155	210	152	74	7	-	-	-
110	181	234	178	87	7	-	-	-
130	209	274	208	101	7	-	-	-
155	233	312	245	113	7	-	-	-
175	266	337	270	129	8	M12	235	18
195	308	380	305	150	8	M16	265	24
215	358	405	330	175	8	M16	290	24
240	392	444	362	190	12	M16	320	24
275	456	506	416	220	16	M20	370	30

Sizes 280 to 1130 are also available.

\* T<sub>N</sub>: Maximum nominal torque, T<sub>P</sub>: Maximum peak torque.

<sup>1</sup> Maximum bore for use of ISO R 773 key.

<sup>2</sup> Maximum continuous transmissible torque through the gear teeth based on the maximum misalignment. The effective transmissible torque depends on the bore and shaft/hub connection.

<sup>3</sup> Weight and maximum speed will differ when a spacer sleeve is used and will depend the length of the sleeve.

<sup>4</sup> Inertia based on solid bore.