



TABLE 1

COUPLING SIZE	RATED TORQUE	DYNAMIC TORSIONAL STIFFNESS (1)	TOTAL COUPLING WEIGHT (2)	TOTAL WR ²	MISALIGNMENT (3)			THRUST CAPACITY	DYNAMIC STIFFNESS			MAX. SPEED
					RADIAL	AXIAL	ANGULAR		RADIAL	AXIAL	ANGULAR	
'A' DIA. IN.	LB. IN.	LB. IN./RAD. 10 ⁶	APPROX. LB.	LB. IN. SEC ²	IN.	IN.	DEG.	LB.	LB./IN. 10 ⁶	LB./IN. 10 ⁶	LB. IN./RAD. 10 ⁶	RPM
12 RT	15 000	.850	20	1.5	.020	.012	1.5	7 000	.020	.16	.75	1800
13½	25 000	1.00	35	3	.020	.013	1.5	9 000	.024	.20	2.0	1500
15	40 000	1.35	55	5	.030	.015	1.5	11 000	.030	.26	4.3	1300
18	70 000	2.80	80	14	.034	.018	1.5	18 000	.042	.31	7.5	1100
20	95 000	4.00	130	17	.040	.020	1.5	23 000	.050	.35	10	950
22½	130 000	6.10	190	36	.045	.022	1.5	32 000	.065	.40	18	850
25	165 000	8.70	230	60	.050	.025	1.5	32 000	.065	.40	20	750
27½	250 000	14.0	310	100	.055	.027	1.5	52 000	.110	.53	30	680
30	330 000	21.0	380	140	.060	.030	1.5	52 000	.110	.53	38	625
32½	430 000	28.0	480	220	.065	.033	1.5	62 000	.130	.57	50	580
35	525 000	40.0	600	290	.070	.035	1.5	72 000	.150	.60	60	540
38	650 000	52.0	1250	700	.075	.038	1.5	85 000	.180	.67	75	505
40	780 000	65.0	1520	780	.080	.040	1.5	93 000	.200	.70	90	470

(1) DYNAMIC TORSIONAL STIFFNESS AT RATED TORQUE.

OTHER TORSIONAL STIFFNESSES FOR EACH SIZE AVAILABLE - CONSULT LO-REZ ABOVE RATINGS ARE FOR ±30% VIBRATORY RATING.

(2) NOT INCLUDING HUBS.

(3) VALUES SHOWN ARE MAXIMUM FOR OPERATIONAL LIMITS, RECOMMEND 20% OR LESS AT TIME OF ORIGINAL INSTALLATION.

TABLE 2

All dimensions are in inches

'A' DIA. COUPLING SIZE	B DIA.	C DIA.	D DIA.	E	F	G	H (1)	J (NC)	MATERIAL MAIN CASTINGS (3)	STD. HUB WEIGHT APPROX. LB.	MAX. HUB BORE (2)
12 RT	4 ½	5	6	6	½	4	8	¾	ALUM.	16	2 ½
13½	4 ¾	5 ¼	6 ¾	6 ¾	¾	4	12	½	ALUM.	18	3
15	5 ¼	6 ½	7 ½	7 ½	¾	4 ½	16	½	ALUM.	20	3 ¼
18	6	7 ¾	9	9	¾	6	16	¾	ALUM.	32	3 ¾
20	6 ⅞	8	10	10	7 ⅞	6	16	¾	ALUM.	35	4 ¼
22½	7 ¾	9	11	11 ¼	1	7	16	¾	ALUM.	63	4 ¾
25	9 ¾	11	13	12 ½	1 ¼	7	16	¾	ALUM.	90	5 ¾
27½	10 ¼	12	13 ½	13 ¾	1 ¼	8	16	7 ⅞	ALUM.	120	6 ¾
30	10 ¾	12	15	14 ¾	1 ½	8	16	1	ALUM.	150	6 ¾
32½	11 ⅞	14	16 ¼	16 ¼	1 ⅞	8	16	1 ⅞	ALUM.	200	7 ½
35	13 ¾	15 ½	17 ½	17 ½	1 ¾	9	16	1 ⅞	ALUM.	250	8 ¾
38	14	16 ½	19	19	1 ¾	10	16	1 ¾	D.I.	300	9 ¼
40	14 ½	17	20	20	1 ⅞	12	16	1 ½	D.I.	340	9 ¾

(1) The quantity of bolts will change if the coupling is used below 50% of its maximum rating.

(2) Maximum standard bore may be exceeded if special Muff hub is used.

(3) Material of main coupling castings: - ALUM. - heat treated aluminum

- D.I. - ductile iron - non-magnetic materials available on request