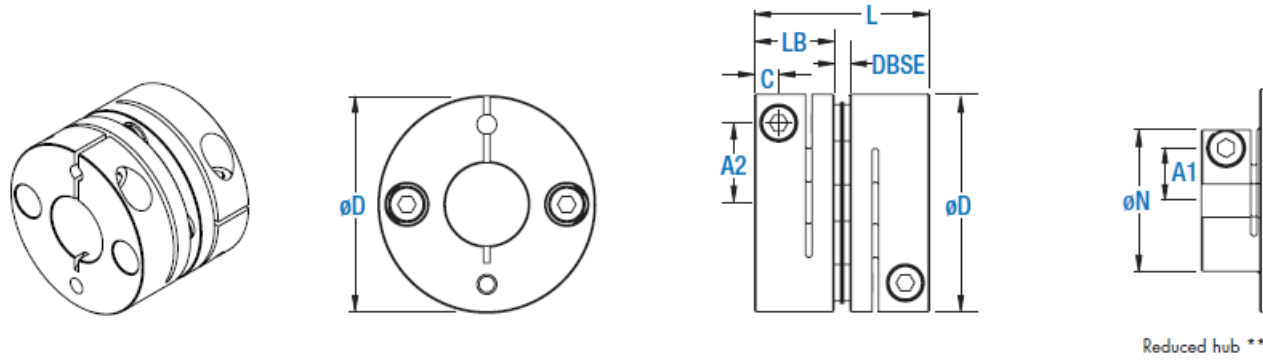


Model	Operating Torque	Maximum RPM	Torsional Stiffness	Axial Stiffness	Misalignment Capacity			Moment of Inertia	Weight	Style
					Parallel	Angular	Axial			
	in-lbs (Nm)	rpm	in-lbs/deg (Nm/rad)	lbs/in (N/mm)	inch (mm)	degree	± inch ± (mm)	lb-in² kgm²(x10⁻⁹)	ounce (gram)	
SD002R	2.2 (0.25)	10,000	29 (190)	194 (34)	0.0003 (0.01)	0.5	0.001 (0.04)	0.0002 (0.06)	0.10 (3)	C
SD005R	5.3 (0.6)	10,000	77 (500)	799 (140)	0.001 (0.02)	0.5	0.002 (0.05)	0.0009 (0.26)	0.25 (7)	C
SD010R	8.9 (1.0)	10,000	216 (1,400)	799 (140)	0.001 (0.02)	1	0.004 (0.10)	0.0019 (0.58)	0.39 (11)	C
SD020R	18 (2.0)	10,000	572 (3,700)	366 (64)	0.001 (0.02)	1	0.006 (0.15)	0.008 (2.36)	0.9 (25)	C
SD025R	35 (4.0)	10,000	865 (5,600)	343 (60)	0.001 (0.02)	1	0.007 (0.19)	0.013 (3.67)	1.0 (29)	C
SD030R	44 (5.0)	10,000	1,236 (8,000)	366 (64)	0.001 (0.02)	1	0.008 (0.2)	0.014 (4.00)	1.2 (34)	A
								0.021 (6.06)	1.4 (41)	B
								0.028 (8.12)	1.7 (49)	C
SD035R	71 (8.0)	10,000	2,781 (18,000)	640 (112)	0.001 (0.02)	1	0.010 (0.25)	0.063 (18.4)	3.0 (84)	C
SD040R	89 (10)	10,000	3,089 (20,000)	457 (80)	0.001 (0.02)	1	0.012 (0.3)	0.056 (16.4)	2.7 (77)	A
								0.078 (23.0)	3.2 (90)	B
								0.101 (29.5)	3.7 (105)	C
SD050R	221 (25)	10,000	4,943 (32,000)	274 (48)	0.001 (0.02)	1	0.016 (0.4)	0.188 (54.9)	5.5 (156)	A
								0.263 (77.1)	6.5 (185)	B
								0.339 (99.3)	7.5 (214)	C
SD055R	354 (40)	10,000	7,723 (50,000)	245 (43)	0.001 (0.02)	1	0.016 (0.42)	0.642 (188)	11 (314)	C
SD060R	531 (60)	10,000	10,813 (70,000)	436 (76.4)	0.001 (0.02)	1	0.018 (0.45)	0.491 (144)	9.8 (279)	A
								0.704 (205)	11.9 (337)	B
								0.918 (268.6)	14 (396)	C
SD080R	885 (100)	10,000	21,626 (140,000)	731 (128)	0.001 (0.02)	1	0.02 (0.55)	2.43 (709.3)	25.6 (727)	C
SD090R	1,593 (180)	10,000	15,447 (100,000)	616 (108)	0.001 (0.02)	1	0.03 (0.65)	4.20 (1,227)	33.8 (959)	C
SD100R	2,213 (250)	10,000	18,535 (120,000)	664 (111)	0.001 (0.02)	1	0.03 (0.74)	6.36 (1,858)	41.6 (1,181)	C

- Moment of Inertia and Weight are measured with the maximum bore diameters
- Recommended tolerance of mounted shaft is h7



Single Disc Dimensions

Model	Bores		Outside Diameter	Overall Length	Hub Length	Reduced Hub Diameter	Distance Between Shaft Ends	Inside dia. of the flex disc	Clamp Screw to Bore (on reduced hubs)	Clamp Screw	Clamp Screw to End of Hub C	Clamp Screw Size	Tightening Torque
	Min inch (mm)	Max inch (mm)	D inch (mm)	L inch (mm)	LB inch (mm)	N inch (mm)	DBSE inch (mm)	K inch (mm)	A1 inch (mm)	A2 inch (mm)	C inch (mm)	M Size	in-lbs (Nm)
SD002R	0.125 (3)	0.1875 (5)	0.47 (12)	0.486 (12.35)	0.232 (5.9)	-	0.021 (0.55)	0.224 (5.6)	-	0.146 (3.7)	0.074 (1.9)	M1.6	2 (0.23)
SD005R	0.125 (3)	0.1875 (6)	0.63 (16)	0.657 (16.7)	0.309 (7.85)	-	0.039 (1.0)	0.256 (6.5)	-	0.189 (4.8)	0.098 (2.5)	M2.0	3.5 (0.4)
SD010R	0.125 (3)	0.3125* (8)*	0.748 (19)	0.762 (19.35)	0.36 (9.15)	-	0.041 (1.05)	0.335 (8.5)	-	0.228 (5.8)	0.124 (3.15)	M2.5*	9* (1)*
SD020R	0.1875 (4)	0.375 (11)	1.024 (26.0)	0.911 (23.15)	0.423 (10.75)	-	0.065 (1.65)	0.417 (10.6)	-	0.374 (9.5)	0.130 (3.3)	M2.5	9 (1)
SD025R	0.250 (5)	0.500 (14)	1.142 (29.0)	0.921 (23.4)	0.423 (10.75)	-	0.075 (1.9)	0.571 (14.5)	-	0.433 (11.0)	0.130 (3.3)	M2.5	9 (1)
SD030R	0.250** (5)**	0.625 (16)	1.339 (34.0)	1.075 (27.3)	0.488 (12.4)	0.850 (21.6)	0.098 (2.5)	0.571 (14.5)	0.315 (8)	0.492 (12.5)	0.148 (3.75)	M3	13 (1.5)
SD035R	0.250 (6)	0.6875 (18)	1.535 (39.0)	1.339 (34)	0.610 (15.5)	-	0.118 (3.0)	0.669 (17)	-	0.551 (14)	0.177 (4.5)	M4	30 (3.4)
SD040R	0.375** (8)**	0.8125 (22)	1.732 (44.0)	1.339 (34)	0.610 (15.5)	1.165 (29.6)	0.118 (3.0)	0.768 (19.5)	0.433 (11)	0.669 (17)	0.177 (4.5)	M4	30 (3.4)
SD050R	0.375** (8)**	1.125 (30)	2.205 (56.0)	1.709 (43.4)	0.807 (20.5)	1.496 (38)	0.094 (2.4)	1.024 (26)	0.571 (14.5)	0.866 (22)	0.236 (6)	M5	62 (7)
SD055R	0.4375 (10)	1.125 (30)	2.480 (63.0)	1.992 (50.6)	0.945 (24)	-	0.102 (2.6)	1.220 (31)	-	0.906 (23)	0.305 (7.75)	M6	123 (14)
SD060R	0.4375** (11)**	1.375 (35)	2.677 (68.0)	2.110 (53.6)	0.992 (25.2)	1.811 (46)	0.126 (3.2)	1.220 (31)	0.689 (17.5)	1.043 (26.5)	0.305 (7.75)	M6	124 (14)
SD080R	0.750 (18)	1.5625 (40)	3.228 (82.0)	2.677 (68)	1.181 (30)	-	0.315 (8)	1.496 (38)	-	1.102 (28)	0.354 (9)	M8	266 (30)
SD090R	1.000 (25)	1.750 (45)	3.622 (94.0)	2.689 (68.3)	1.181 (30)	-	0.327 (8.3)	1.654 (42)	-	1.339 (34)	0.354 (9)	M8	266 (30)
SD100R	1.3125 (32)	1.750 (45)	4.095 (104.0)	2.748 (69.8)	1.181 (30)	-	0.386 (9.8)	1.890 (48)	-	1.535 (39)	0.354 (9)	M8	266 (30)

*SD010 with a bore of 8mm or 0.3125" will have a M2 clamp screw and a tightening torque of 3.5 in lbs. or 0.4Nm