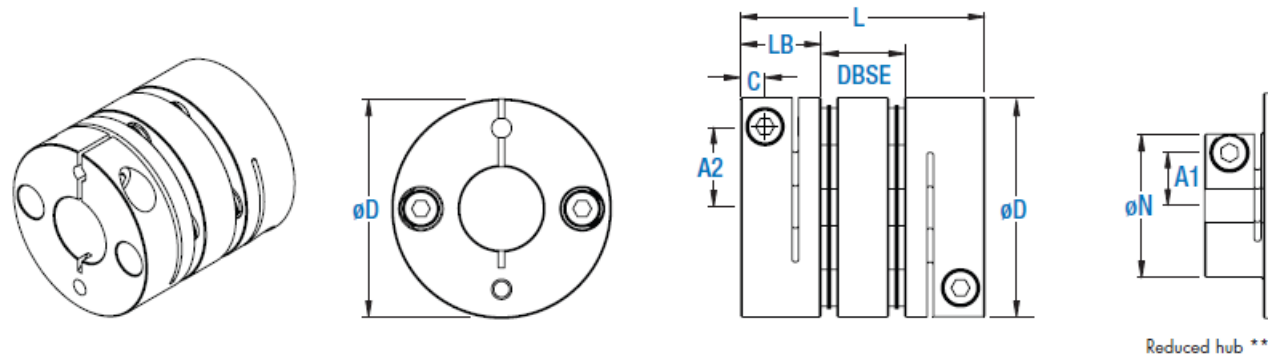


Model	Operating Torque in-lbs (Nm)	Maximum RPM rpm	Torsional Stiffness in-lbs/deg (Nm/rad)	Axial Stiffness lbs/in (N/mm)	Misalignment Capacity			Moment of Inertia lb-in ² (kgm ² (x10 ⁻⁹))	Weight ounce (gram)	Style
					Parallel inch (mm)	Angular degree	Axial ± inch ± (mm)			
SC002R	2.2 (0.25)	10,000	14 (95)	97 (17)	0.001 (0.03)	0.5	0.002 (0.08)	0.0002 (0.07)	0.14 (4)	C
SC005R	5.3 (0.6)	10,000	39 (250)	400 (70)	0.002 (0.05)	0.5	0.004 (0.10)	0.0012 (0.37)	0.35 (10)	C
SC010R	8.9 (1.0)	10,000	108 (700)	400 (70)	0.004 (0.11)	1	0.008 (0.20)	0.0027 (0.80)	0.53 (15)	C
SC020R	18 (2.0)	10,000	286 (1,850)	183 (32)	0.006 (0.15)	1	0.013 (0.33)	0.012 (3.40)	1.3 (35)	C
SC025R	35 (4.0)	10,000	432 (2,800)	171 (30)	0.006 (0.16)	1	0.015 (0.38)	0.018 (5.26)	1.4 (40)	C
SC030R	44 (5.0)	10,000	618 (4,000)	183 (32)	0.007 (0.18)	1	0.016 (0.4)	0.025 (7.33)	1.9 (54)	A
								0.032 (9.39)	2.2 (60)	B
								0.039 (11.5)	2.4 (68)	C
SC035R	71 (8.0)	10,000	1,390 (9,000)	320 (56)	0.009 (0.24)	1	0.020 (0.5)	0.092 (26.8)	4.3 (122)	C
SC040R	89 (10)	10,000	1,545 (10,000)	228 (40)	0.009 (0.24)	1	0.024 (0.6)	0.101 (29.5)	4.3 (122)	A
								0.123 (36.1)	4.8 (136)	B
								0.146 (42.6)	5.3 (151)	C
SC050R	221 (25)	10,000	2,472 (16,000)	137 (24)	0.011 (0.28)	1	0.031 (0.8)	0.331 (96.9)	8.7 (246)	A
								0.407 (118.9)	9.7 (275)	B
								0.483 (141.7)	10.7 (304)	C
SC055R	354 (40)	10,000	3,863 (25,000)	123 (21.5)	0.012 (0.31)	1	0.033 (0.84)	0.891 (261.3)	16.1 (459)	C
SC060R	531 (60)	10,000	5,407 (35,000)	218 (38)	0.013 (0.34)	1	0.035 (0.9)	0.862 (252)	15.5 (440)	A
								1.08 (315.7)	17.6 (498)	B
								1.29 (377)	19.5 (556)	C
SC080R	885 (100)	10,000	10,813 (70,000)	366 (64)	0.02 (0.52)	1	0.04 (1.10)	3.54 (1,034)	37.0 (1,051)	C
SC090R	1,593 (180)	10,000	7,724 (50,000)	308 (54)	0.02 (0.52)	1	0.05 (1.30)	6.08 (1,776)	48.4 (1,373)	C
SC100R	2,213 (250)	10,000	9,268 (60,000)	317 (55)	0.02 (0.52)	1	0.06 (1.48)	9.26 (2,704)	60.2 (1,707)	C

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



Double 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)	inch (mm)	M Size	in-lbs (Nm)
SC002R	0.125 (3)	0.1875 (5)	0.47 (12)	0.618 (15.7)	0.232 (5.9)	-	0.153 (3.9)	0.224 (5.6)	-	0.146 (3.7)	0.074 (1.9)	M1.6	2 (0.23)
SC005R	0.125 (3)	0.1875 (6)	0.63 (16)	0.913 (23.2)	0.309 (7.85)	-	0.295 (7.5)	0.256 (6.5)	-	0.189 (4.8)	0.098 (2.5)	M2.0	3.5 (0.4)
SC010R	0.125 (3)	0.3125* (8)*	0.748 (19)	1.02 (25.9)	0.36 (9.15)	-	0.299 (7.6)	0.335 (8.5)	-	0.228 (5.8)	0.124 (3.15)	M2.5*	9* (1)*
SC020R	0.1875 (4)	0.375 (11)	1.024 (26.0)	1.272 (32.3)	0.423 (10.75)	-	0.425 (10.8)	0.417 (10.6)	-	0.374 (9.5)	0.130 (3.3)	M2.5	9 (1)
SC025R	0.250 (5)	0.500 (14)	1.142 (29.0)	1.291 (32.8)	0.423 (10.75)	-	0.445 (11.3)	0.571 (14.5)	-	0.433 (11.0)	0.130 (3.3)	M2.5	9 (1)
SC030R	0.250** (5)**	0.625 (16)	1.339 (34.0)	1.488 (37.8)	0.488 (12.4)	0.850 (21.6)	0.511 (13.0)	0.571 (14.5)	0.315 (8)	0.492 (12.5)	0.148 (3.75)	M3	13 (1.5)
SC035R	0.250 (6)	0.6875 (18)	1.535 (39.0)	1.890 (48)	0.610 (15.5)	-	0.669 (17.0)	0.669 (17)	-	0.551 (14)	0.177 (4.5)	M4	30 (3.4)
SC040R	0.375** (8)**	0.8125 (22)	1.732 (44.0)	1.890 (48)	0.610 (15.5)	1.165 (29.6)	0.669 (17.0)	0.768 (19.5)	0.433 (11)	0.669 (17)	0.177 (4.5)	M4	30 (3.4)
SC050R	0.375** (8)**	1.125 (30)	2.205 (56.0)	2.354 (59.8)	0.807 (20.5)	1.496 (38)	0.740 (18.8)	1.024 (26)	0.571 (14.5)	0.866 (22)	0.236 (6)	M5	62 (7)
SC055R	0.4375 (10)	1.125 (30)	2.480 (63.0)	2.705 (68.7)	0.945 (24)	-	0.815 (20.7)	1.220 (31)	-	0.906 (23)	0.305 (7.75)	M6	124 (14)
SC060R	0.4375** (11)**	1.375 (35)	2.677 (68.0)	2.886 (73.3)	0.992 (25.2)	1.811 (46)	0.902 (22.9)	1.220 (31)	0.689 (17.5)	1.043 (26.5)	0.305 (7.75)	M6	124 (14)
SC080R	0.750 (18)	1.5625 (40)	3.228 (82.0)	3.858 (98)	1.181 (30)	-	1.496 (38.0)	1.496 (38)	-	1.102 (28)	0.354 (9)	M8	266 (30)
SC090R	1.000 (25)	1.750 (45)	3.622 (94.0)	3.882 (98.6)	1.181 (30)	-	1.520 (38.6)	1.654 (42)	-	1.339 (34)	0.354 (9)	M8	266 (30)
SC100R	1.3125 (32)	1.750 (45)	4.095 (104.0)	4.000 (101.6)	1.181 (30)	-	1.638 (41.6)	1.890 (48)	-	1.535 (39)	0.354 (9)	M8	266 (30)

*SC010 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

Pour SD/SC ALESAGES possibles en mm

[illegible]