

General Dimensions

MODEL SERIES	Spacer & Flange Material	Max DBSE @ 1780 rpm @ 1.15 SF	Max DBSE @ 1480 rpm @ 1.15 SF	Max Bore		A	B		C		D	Min DBSE	Min Bore
				Standard	Oversized		Standard	Oversized	Standard	Oversized			
350.275	F A R	95 / 2413 107 / 2718 114 / 2896	106 / 2692 119 / 3023 126 / 3200	2.13 / 55	2.38 / 65	5.25 133	3.06 / 78	4 / 102	1.81 / 46	2.6 / 66	2.75 / 70	5.4 137	0.63 16
375.275	F A R	95 / 2413 107 / 2718 114 / 2896	106 / 2692 119 / 3023 126 / 3200	2.13 / 55	2.38 / 65	5.25 133	3.06 / 78	4 / 102	1.81 / 46	2.6 / 66	2.75 / 70	5.4 137	0.63 16
450.275	F A R X	95 / 2413 107 / 2718 114 / 2896 128 / 3251	106 / 2692 119 / 3023 126 / 3200 141 / 3581	2.25 / 55	3.00 / 75	6.25 133	3.15 / 46	4 / 102	2.6 / 66	2.63 / 67	2.75 / 70	5.4 137	
485.338	F A R	100 / 2540 116 / 2946 127 / 3226	113 / 2870 127 / 3226 140 / 3556	2.69 / 75	3.38 / 86	6.00 152	3.72 / 94	4.75 / 121	2.75 / 70	2.75 / 70	3.38 / 86	8.0 203	
485.425	R X	141 / 3581 154 / 3912	154 / 3912 169 / 4293								4.25 / 108	8.0 203	
485.625	R	170 / 4318	189 / 4800								6.25 / 159	9.5 / 241	
650.425	A R X	133 / 3378 141 / 3581 154 / 3912	148 / 3759 154 / 3912 169 / 4293	3.13 / 80	4.01 / 100	6.75 171	5.25 / 133	6.75 / 171	2.56 / 65	2.75 / 70	4.25 / 108	6 152	1.00 25
650.625	R X	170 / 4318 186 / 4725	189 / 4800 208 / 5283								6.25 / 160	9.5 241	
650.825	R X	193 / 4902 209 / 5309	215 / 5461 232 / 5893								8.25 / 210		
850.625	A R X	157 / 3988 170 / 4318 186 / 4725	172 / 4369 189 / 4800 208 / 5283	4.13 / 105	5.06 / 130	9.0 229	5.8 / 147	7.5 / 191	3.31 / 84.1	3.5 / 89	6.25 / 160	142 361	
850.825	R X	193 / 4902 209 / 5309	215 / 5461 232 / 5893								8.25 / 210		
850.1025	X	229 / 5817	253 / 6426								10.25 / 260		
850.1275	X	245 / 6223	275 / 6985								12.75 / 324		
Units of Measure	US	in	in	in	in	in	in	in	in	in	in	in	in
	SI	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm

Engineering Data

MODEL SERIES	Spacer & Flange Material	Weight @ Min DBSE	WR ² @ Min DBSE ★	Weight Change per Length	WR ² Change per Length ★	Continuous Torque @ 1.0 SF	Continuous Torque @ 2..0 SF	Peak Overload Torque
350.275	F A R	13.8 / 6.2	32 / 0.0093	0.07 / 1.5 0.06 / 1.2 0.06 / 1.1	0.13 / 0.0015 0.11 / 0.0013 0.10 / 0.0012	3617 408	1,808 204	5,425 613
375.275	F A R	13.8 / 6.2	32 / 0.0093	0.07 / 1.5 0.06 / 1.2 0.06 / 1.1	0.13 / 0.0015 0.11 / 0.0013 0.10 / 0.0012	5311 600	2,660 300	7,967 900
450.275	F A R X	12.9 / 5.9	32 / 0.0092	0.07 / 1.5 0.06 / 1.2 0.06 / 1.1 0.06 / 1.2	0.13 / 0.0015 0.11 / 0.0013 0.10 / 0.0012 0.10 / 0.0012	7250.0 820	3,625 410	10,875 1229
485.338	F A R	23.4 / 10.6	47 / 0.014	0.09 / 1.8 0.08 / 1.5 0.07 / 1.4	0.24 / 0.0029 0.21 / 0.0024 0.19 / 0.22	11,000 1243	5,500 621	16,500 1864
485.425	R X	24.0 / 10.9	74 / .022	0.09 / 1.7 0.09 / 1.8	0.38 / 0.0044 0.39 / 0.0045			
485.625	R	26.5 / 12.0	92 / 0.027	0.13 / 2.6	1.2 / 0.015			
650.425	A R X	31.5 / 14.3	122 / 0.036	0.10 / 1.9 0.089 / 1.7 0.092 / 1.8	0.42 / 0.0049 0.38 / 0.0044 0.39 / 0.005	18,100 2045	9,050 1022	27,150 3067
650.625	R X	34.4 / 15.6	141 / 0.041	0.13 / 2.6 0.14 / 2.7	1.2 / 0.014 1.3 / 0.015			
650.825	R X	37.9 / 17.2	194 / 0.056	0.18 / 3.4 0.18 / 3.6	2.9 / 0.033 3.0 / 0.035			
850.625	A R X	63.6 / 28.8	440 / 0.130	0.15 / 2.9 0.13 / 2.6 0.14 / 2.7	1.4 / 0.016 1.2 / 0.014 1.3 / 0.015	36,200 4090	18,100 2045	54,300 6135
850.825	R X	68.5 / 31.0	512 / 0.15	0.18 / 3.4 0.18 / 3.6	2.9 / 0.033 3.0 / 0.035			
850.1025	X	74.8 / 33.9	657 / 0.19	0.23 / 4.4	5.8 / 0.067			
850.1275	X	78.4 / 35.6	768 / 0.22	0.28 / 5.5	11.3 / 0.13			
Units of Measure	US	lb	lb-in ²	lb/in	lb-in ² /in	in-lb	in-lb	in-lb
	SI	kg	kg-m ²	kg/m	kg-m ² /m	Nm	Nm	Nm

★ The standard weight and WR² values are at minimum DBSE and standard minimum bore for a complete assembly. To determine the total weight or inertia, subtract the minimum DBSE from the total DBSE required and multiply that value times the WT and/or WR² change per length then add that calculated WT or WR² to the minimum DBSE values. Values may vary slightly depending on the actual bore and key size.