

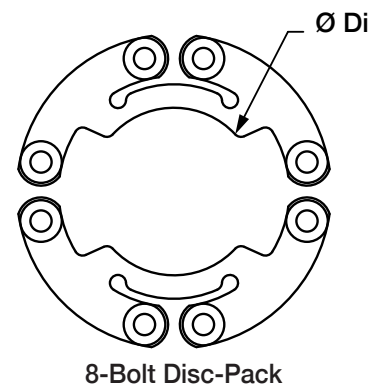
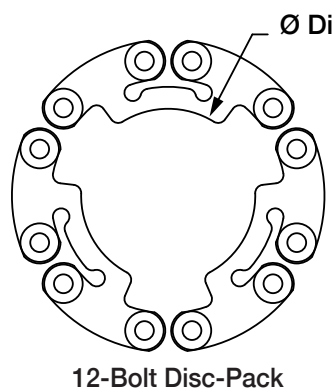
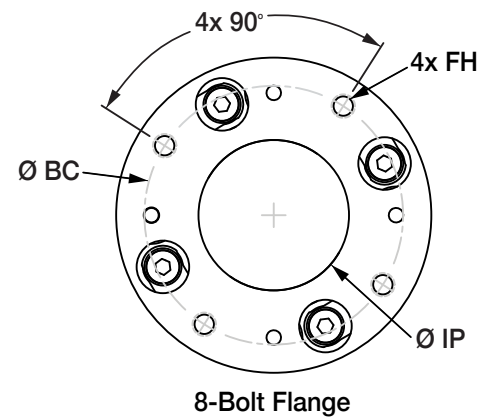
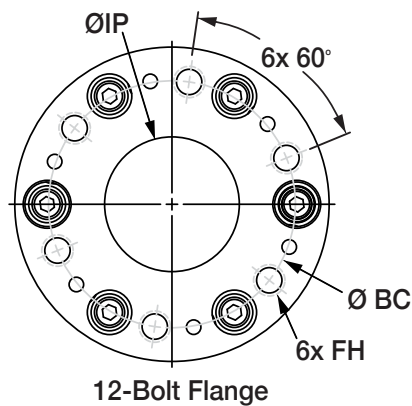
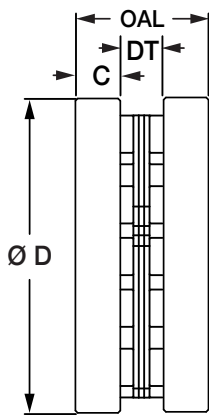
Single Flex Flange Configuration

Performance Information

Model	Continuous Torque	Peak Torque	Torsional Stiffness	Maximum Speed	Misalignments			Unit Weight at	Inertia at
					Angular	Parallel	Axial	Flange (FM1 Hubs)	Flange (FM1 Hubs)
	Nm	Nm	Nm/Rad	RPM	Degrees °	mm	mm	kg	kg-cm ²
8A55	42	84	26324	20790	0.75	0.02	0.47	0.19	0.91
8A67	88	176	34442	17089	0.75	0.03	0.58	0.33	2.25
12A85	313	626	100200	13467	0.50	0.05	0.48	0.63	6.88
12A95	452	904	156129	12063	0.50	0.05	0.48	0.91	12.41
12A105	655	1311	213134	10924	0.50	0.06	0.56	1.34	22.47
12A120	1017	2034	378301	9558	0.50	0.07	0.53	2.22	47.82
12A140	1808	3616	564470	8188	0.50	0.08	0.74	3.44	98.36
12A165	3107	6215	1045833	6941	0.50	0.09	0.84	5.17	214.7
12A190	4915	9831	1728333	6031	0.50	0.11	0.94	8.88	483.6
12A215	7345	14689	2670800	5326	0.50	0.13	1.04	13.1	1226

• Balancing will be required to obtain maximum rpm - consult Zero-Max.

Dimensional Information



Model	ØD	ØBC	HP	FH	ØIP	C	Di	DT	OAL
	Flange Plate OD	Mounting Bolt Circle Diameter	# of Mtg. Holes & Angle	Flange Bolt Hole Size	Flange Pilot ID	Flange Length	Disc Pack ID	Disc Pack Thick-ness	
	mm	mm			mm	mm	mm	mm	
8A55	55.000/54.970	45	4 x 90 deg	M4-0.7	25.000/25.025	6	24.9	8.2	20.1
8A67	67.000/66.970	55	4 x 90 deg	M6-1.0	32.000/32.025	8	31.8	8.9	24.9
12A85	85.000/84.965	65	6 x 60 deg	M8-1.25	40.000/40.025	10	41.4	7.1	27.2
12A95	95.000/94.965	75	6 x 60 deg	M10-1.5	45.000/45.025	12	47.8	8.3	32.3
12A105	105.000/104.965	85	6 x 60 deg	M10-1.5	50.000/50.025	14	52.1	10.8	38.8
12A120	120.000/119.965	95	6 x 60 deg	M14-2.0	55.000/55.030	18	59.4	12.3	48.4
12A140	140.000/139.960	110	6 x 60 deg	M16-2.0	60.000/60.030	20	70.6	12.3	52.3
12A165	165.000/164.960	130	6 x 60 deg	M18-2.5	80.000/80.030	23	84.8	14.8	60.9
12A190	190.000/189.954	150	6 x 60 deg	M24-3.0	90.000/90.035	30	98.8	17.9	77.9
12A215	215.00/214.954	170	6 x 60 dea	M27-3.0	90.000/90.035	32	113	20.5	84.5

• Above Dimensions apply to Flange model "FM1"

How to Order

# of bolts	Type	Size	Hub 1	Hub 2
8 = 8 bolts 12 = 12 bolts	A = Single-Flex	55 67 85 95 105 120 140 165 190 215	FM = Flange Mount	FM = Flange Mount

Example:

12 A 140 FM FM
12A140-FM-FM

All clearance fits (standard) are according with the ANSI B4.2 (imperial) and with the ISO 286-1 (metric).
Contact Zero-Max for special tolerances.