

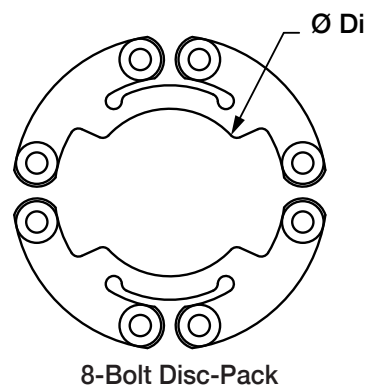
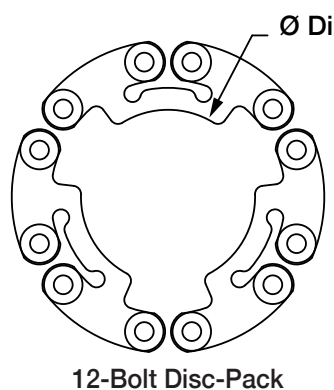
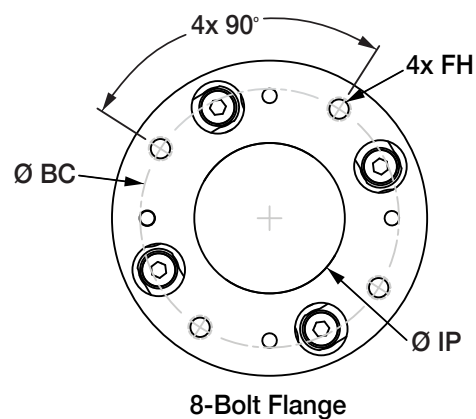
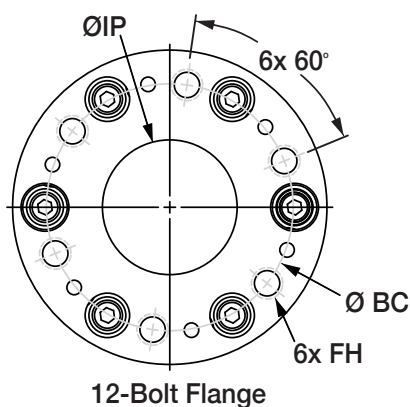
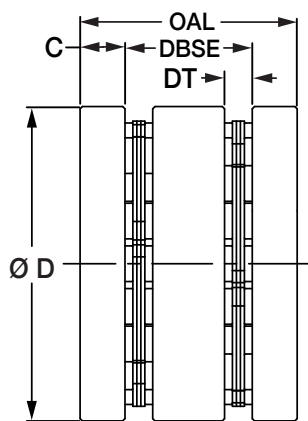
Double Flex Flange Configuration

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
8P55	42	84	13162	20790	0.75	0.25	0.97	0.38	1.84
8P67	88	176	17221	17089	0.75	0.33	1.42	0.67	4.57
12P85	313	626	50097	13467	0.50	0.23	0.97	1.27	14.02
12P95	452	904	78065	12063	0.50	0.25	0.97	1.75	24.38
12P105	655	1311	106570	10924	0.50	0.30	1.12	2.59	43.78
12P120	1017	2034	189147	9558	0.50	0.36	1.07	4.05	88.85
12P140	1808	3616	282232	8188	0.50	0.38	1.47	6.15	182.5
12P165	3107	6215	522920	6941	0.50	0.46	1.68	9.64	406.8
12P190	4915	9831	864163	6031	0.50	0.56	1.88	16.0	889.6
12P215	7345	14689	1335400	5326	0.50	0.66	2.08	24.1	1675

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

Dimensional Information



Model	ØD	ØBC	HP	FH	ØIP	C	Di	DT	DBSE	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 Thickness	Disc Pack Thickness	
	mm	mm			mm	mm	mm	mm	mm	
8P55	55.000/54.970	45	4 x 90 deg	M4-0.7	25.000/25.025	6	24.9	8.2	24.7	36.7
8P67	67.000/66.970	55	4 x 90 deg	M6-1.0	32.000/32.025	8	31.8	8.9	32.0	48.0
12P85	85.000/84.965	65	6 x 60 deg	M8-1.25	40.000/40.025	10	41.4	7.1	40.0	60.0
12P95	95.000/94.965	75	6 x 60 deg	M10-1.5	45.000/45.025	12	47.8	8.3	46.0	70.0
12P105	105.000/104.965	85	6 x 60 deg	M10-1.5	50.000/50.025	14	52.1	10.8	53.0	81.0
12P120	120.000/119.965	95	6 x 60 deg	M14-2.0	55.000/55.030	18	59.4	12.3	64.0	100
12P140	140.000/139.960	110	6 x 60 deg	M16-2.0	60.000/60.030	20	70.6	12.3	72.0	112
12P165	165.000/164.960	130	6 x 60 deg	M18-2.5	80.000/80.030	23	84.8	14.8	84.0	130
12P190	190.000/189.954	150	6 x 60 deg	M24-3.0	90.000/90.035	30	98.8	17.9	105	165
12P215	215.000/214.954	170	6 x 60 deg	M27-3.0	90.000/90.035	32	113	20.5	119	183

• Above Dimensions apply to Flange model "FM1"

How to Order

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

Example:

12 P 140 FM FM

12P140-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.