

AUTOFLEX DISC COUPLINGS

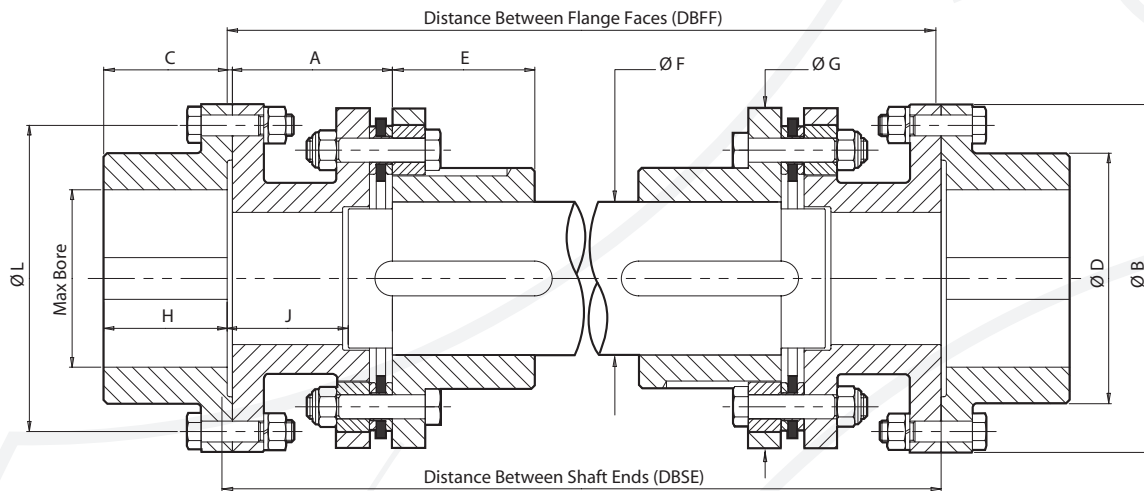
SERIES PMC - PAPER MACHINE COUPLING

The Autoflex PMC coupling has been designed as a non-lubricated, maintenance free drop-in replacement for a standard AGMA floating shaft gear coupling. The PMC flange has been designed to bolt up to the rigid hubs using standard AGMA accessories.

Overload collars provide protection against transient torques.
Scalloped Disc's offer higher flexibility and thus lower reaction forces on the equipment
Superior performance in arduous environments.

Replacing the gear coupling with the PMC offers the following benefits,
Non lubricated, maintenance free coupling
Zero Backlash design
Superior balance characteristics which will not change over the life of the equipment.

The PMC is designed to fit on a floating shaft. In many situations, the customer can modify their existing floating shafts to accommodate the PMC coupling eliminating the cost of the shaft.



**8 - Link
Paper Machine Coupling**

Technical Details

Coupling Size - Links	AGMA Gear Coupling Size	Rating HP/100 rpm	Torque Rating		Misalignment	
			Cont. (in.lbs)	Peak (in.lbs)	Axial (in)	Max. Angular per Disc Pack
1900-8	3-1/2	270	168,000	336,000	0.232	0.3°
2500-8	4	350	221,000	443,000	0.239	0.3°
2870-8	4-1/2	400	254,000	507,000	0.273	0.3°
4420-8	5	620	391,000	783,000	0.311	0.3°
7240-8	5-1/2	1,000	641,000	128,000	0.371	0.3°

Dimensional Details

Coupling Size - Links	Max. Bore ① ② AGMA Rigid (in)	A Min DBSE (in)	B (in)	C (in)	D (in)	E (in)	F (in)	G (in)	H (in)	J (in)	L (in)
1900-8	5 7/8	5.44	11.00	4.13	7.75	4.53	5.50	11.54	4.03	3.99	9.50
2500-8	6 3/4	5.75	12.50	4.63	9.00	5.12	5.50	12.21	4.44	4.35	11.00
2870-8	7 5/8	5.82	13.63	5.25	10.13	5.71	6.50	13.54	5.06	4.23	12.00
4420-8	8 3/4	6.82	15.31	5.88	11.31	6.89	7.25	15.47	5.69	4.97	13.50
7240-8	9 3/4	7.07	16.75	7.16	11.50	8.47	8.75	18.27	6.91	4.97	14.50

1) Maximum Bore assumes a standard AGMA interference fit with a square keyway. Larger bores are available using rectangular keys.

2) Maximum bore may vary depending on the rigid hub used - Maximum bore shown are based on using Falk™ rigid hubs

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NOTES: When ordering specify application torque (continuous and peak) and maximum speed. If coupling is required complete with hubs specify distance between shaft ends (DBSE) and bore/keyway details. If coupling is required without hubs specify distance between flange faces (DBFF).