

Model 310 Clutch-Brake Coupling Inside Mounted Per FC-310016

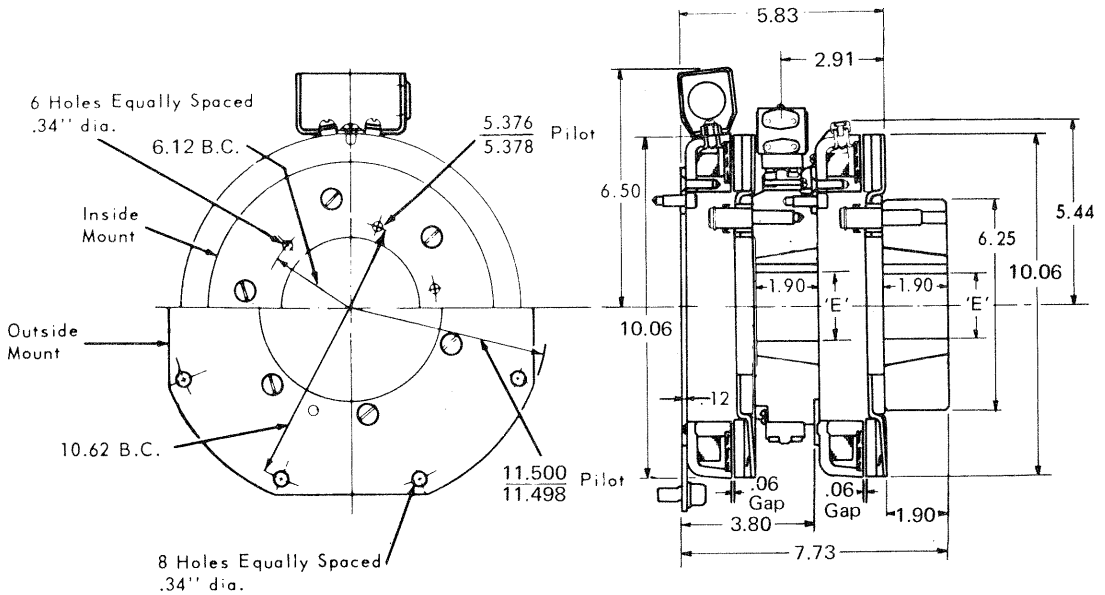
Model 310 Clutch-Brake Coupling Outside Mounted Per FC-310017

Technical Data

Static Torque	.....	300 lb. ft.	
Maximum Speed	.....	3000 RPM	
Coil Voltage	.....	90 vdc	24 vdc
Rated Current	.....	.584 amp	2.7 amp

MODEL 310—Torque at Various RPM Points

RPM	0	300	600	900	1200	1500	1800	2400	3000
Lb. Ft.	300	262	218	174	149	133	118	87	74

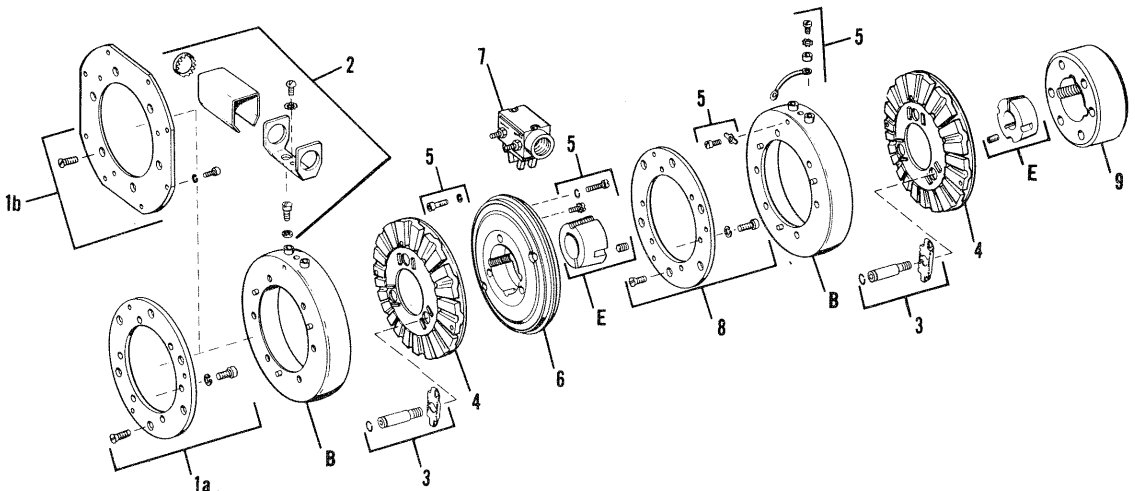


Customer Must Maintain:

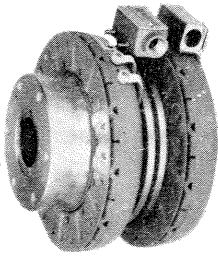
1. Concentricity between shafts within .010 T.I.R.
2. Angular alignment of shafts within .010 T.I.R.
3. Composite of both within .010 T.I.R.

*Bore 'E'	Keyway
.500 - .562	.125 x .062
.625 - .875	.187 x .094
.937 - 1.250	.250 x .125
1.312 - 1.375	.312 x .156
1.437 - 1.750	.375 x .187
1.812 - 2.250	.500 x .250
2.312 - 2.500	.625 x .312

*Diameters are available in 0.062" increments.



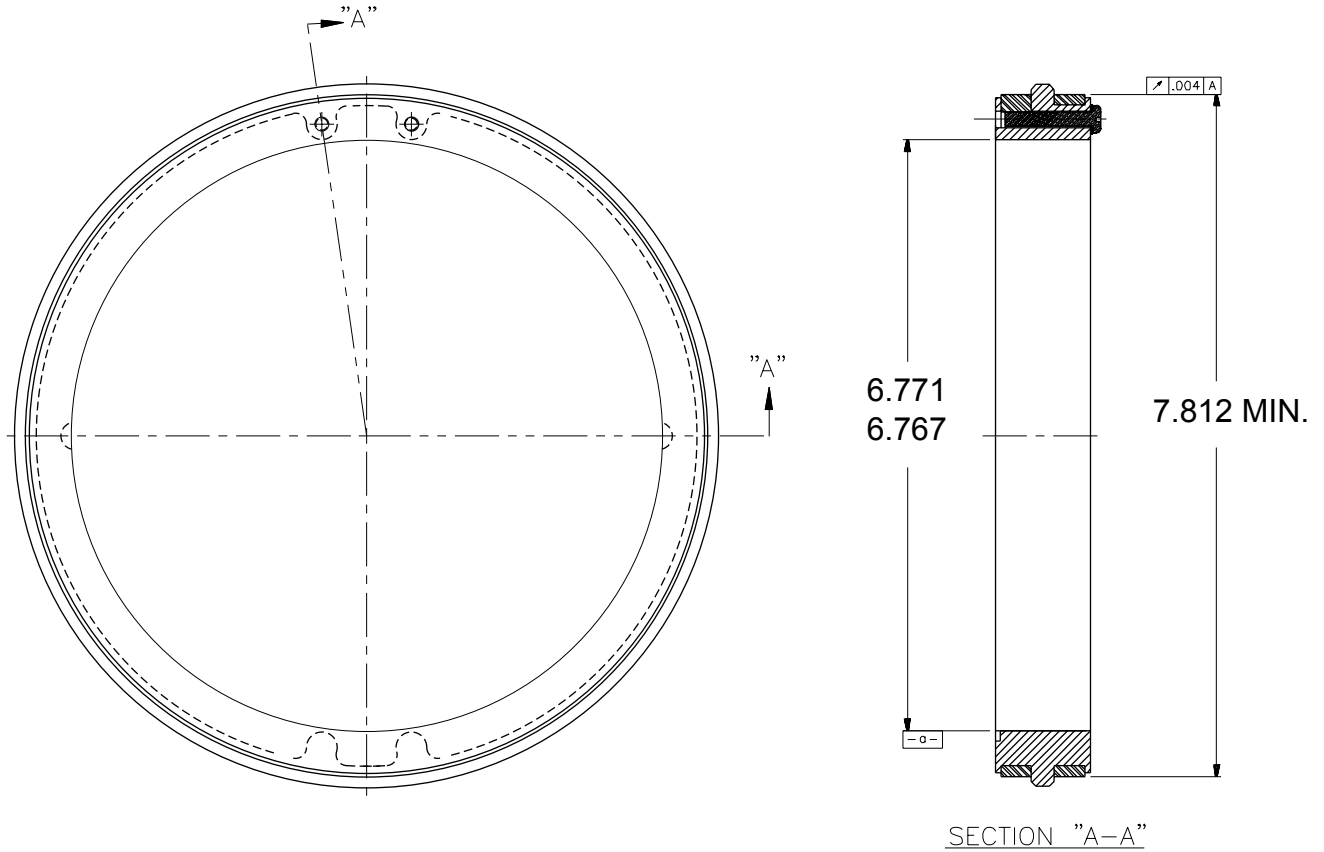
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Model 310 Clutch-Brake Coupling Outside Mounted Per FC-310017



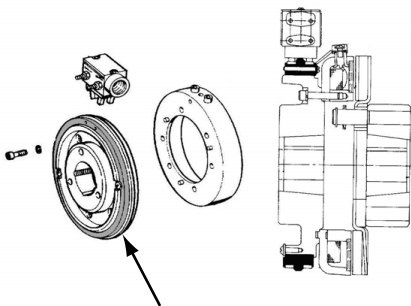
- Rotating Field
- Pin Drive

Item	Qty.	Part No.	Description
Major Parts			
1	1		Mounting Plate w/Accessories
1a		310481	Inside mounted
1b		310491	Outside mounted
2	1	326078	Brake Magnet Accessories
3	2	326075	Adjustable Gap Accessories
4	2	310380	Armature Plate Assembly Current Design is solid
5	1	326136	Clutch Magnet Accessories
6	1		Slip Ring & Hub Assembly
		310461 *	Right hand
		310471 *	Left hand (shown)
* Slip Ring 326012 only available see next page for details			
7	1	326019 **	Brush Holder Assembly
** Replaced by 326958			
Brushes available for old style see Service Parts			
8	1		Mounting Plate w/Accessories
		310481	Inside mounted
9	1	310450	Armature Hub
B	2		Field Magnet Assembly
		310373	24 volts
		310374	90 volts
E	2	326039	Split Taper Bushing (2517) (See note below)
Service Parts			
7a	4	326023	Brush

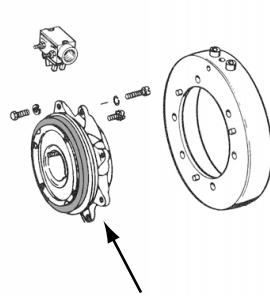
326012 Slip Ring



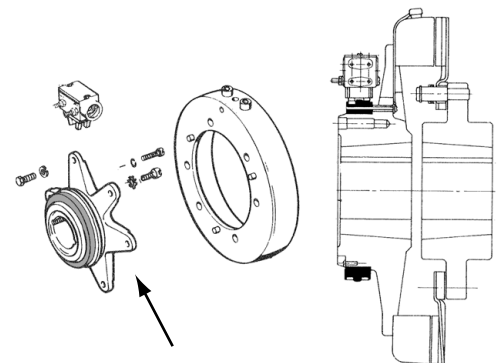
Use 326012 Slip Ring as Service Part for the following:
308461, 308471, 310461, 310471, 312461, 312471
315461, and 315471 Slip Ring and Hub Assembly



Slip Ring and Hub
Models 308 and 310



Slip Ring and Hub
Model 312



Slip Ring and Hub
Model 315

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