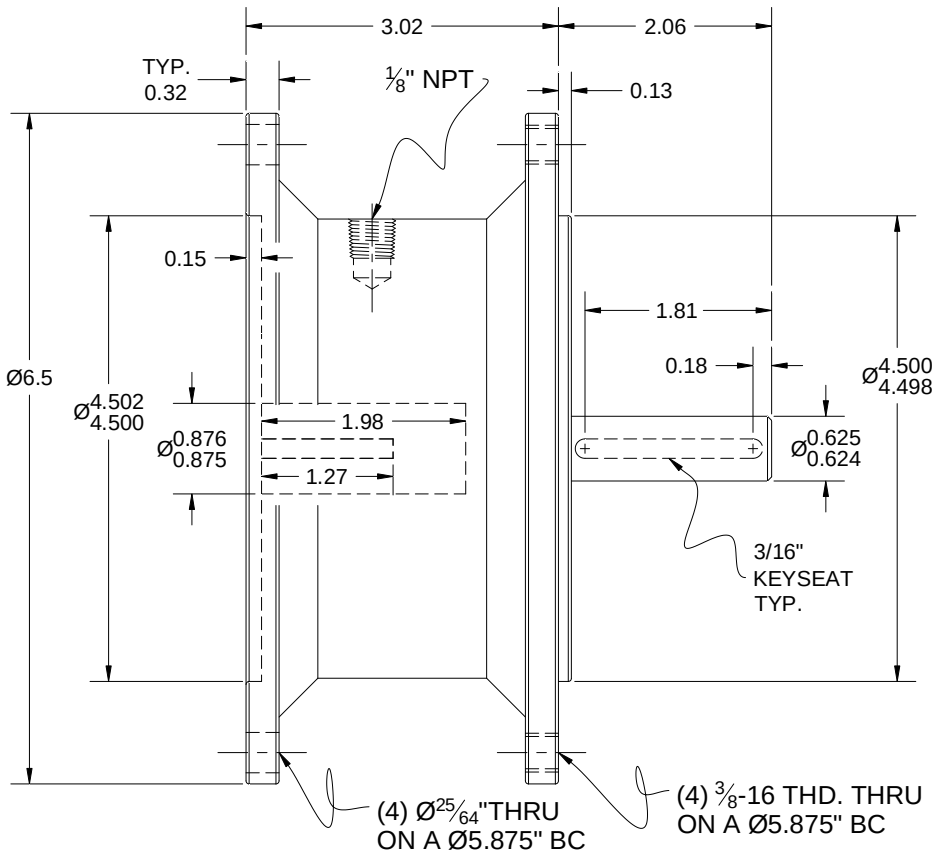
D3C3R-005

143/145TC Input - 56C Output
NEMA Frame Spring Engaged Brake

NOT suitable for pulley output

Engagement/Disengagement	
Spring/Air	
Facing Type	
High Coefficient	
Torque – Dynamic	
222 Pound Inches	
Minimum Disengagement Pressure	
53 PSI	
Maximum Operating Pressure	
80 PSI	
Maximum RPM	
1,750	
Input Bore/Output Shaft	
0.875 / 0.625 Inches	
Air Volume New	
0.07 Cubic Inches	
Air Volume Worn	
0.22 Cubic Inches	
Finish	
Aluminum	
Open or Enclosed Construction	
Enclosed	
Shipping Weight	
7 Pounds	



Repair Parts

The kit shown below contains the common wear parts for this product. All other parts are available. Contact Mach III for complete parts lists, installation & maintenance documents, parts pricing and availability.

Repair Kit Part # C3C3R-005-RPRK

Contents:

3	High Coefficient Friction Discs
2	O-Rings
27	Coil Springs

Product Selection

New clutch or brake torque is approximately 40% less than rated design torque until the friction and drive discs are worn in (lapped, burnished). The length of time for wear-in to occur varies by application.

When calculating required torque always use a service factor of 1.5 to 2. It is not recommended to select a product for use at its maximum rated torque for continuous duty.

Take Advantage of Mach III's Expertise

Contact Mach III's factory based engineering department for experienced application review and selection assistance.

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