

78BK

Tension Control Brake

SensiFlex® Flange Mount



Engagement/Disengagement

Air/Spring

Facing Type

Low Coefficient

Torque @ 80 PSI – Dynamic

994 Pound Inches

Minimum Engagement Pressure

3.5 – 4.5 PSI

Maximum Operating Pressure

80 PSI

Maximum RPM

1,750

Bore Range with Standard Keyway

0.875 (22) to 1.875 (50) Inches (mm)

Air Volume New

0.65 Cubic Inches

Air Volume Worn

4.39 Cubic Inches

Finish

Iron

Open or Enclosed Construction

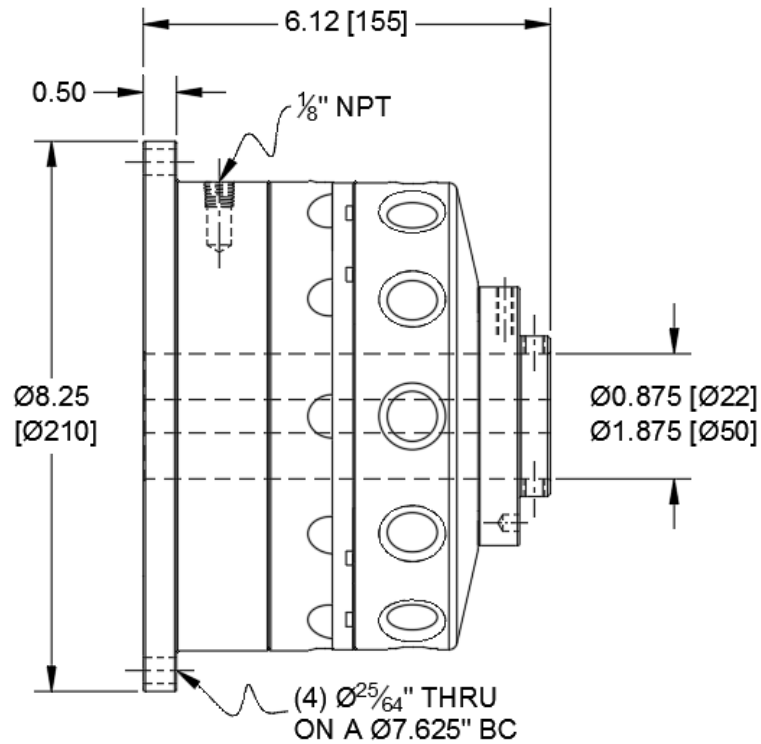
Open

Mounting Bolt Circle

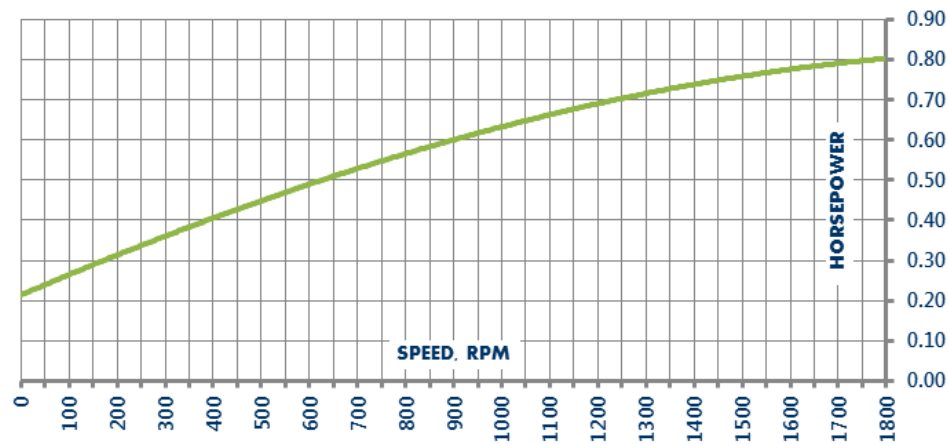
7.625 Inches

Shipping Weight

42 Pounds



CONTINUOUS THERMAL HORSEPOWER

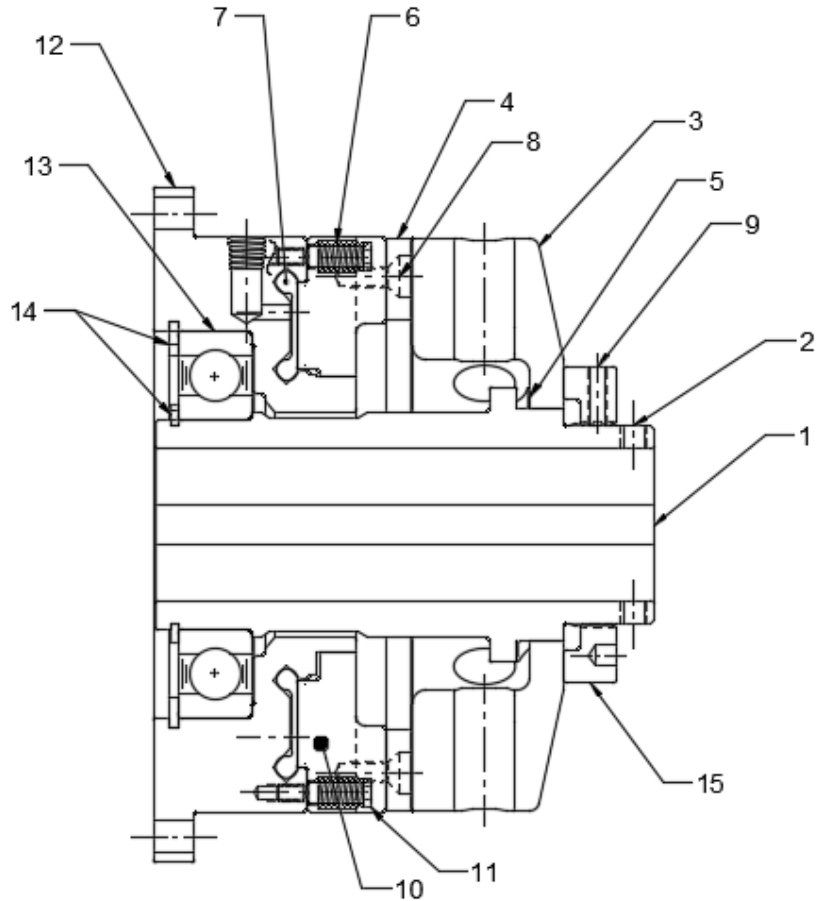


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Parts Diagram



REF#	DESCRIPTION & PARTS INCLUDED	QUANTITY	KIT NUMBER
DRIVE HUB KIT			78BK-HUBK
1	Drive Hub	1	<i>Specify Bore Size When Ordering</i>
2	Set Screw	2	
DRIVE DISC KIT			78BK-DRDK
3	Drive Disc	1	
FACING KIT			78BK-LOCO-FCGK
4	Friction Disc	1	
8	Screw	6	
9	Nylon Point Set Screw	1	
REPAIR KIT			78BK-LOCO-RPRK
4	Friction Disc	1	
5	Wave Spring	1	
6	Coil Spring	6	
7	Diaphragm	1	
8	Screw	6	
9	Nylon Point Set Screw	1	
PISTON KIT			78BK-PSTK
10	Piston	1	
11	Stud	6	
CYLINDER KIT			78BK-CYLK
12	Cylinder	1	
13	Bearing	1	
14	Retainer Ring	2	
NUT KIT			78BK-NUTK
15	Nut	1	
9	Nylon Point Set Screw	1	

PARTS KITS

The *Repair Kit* contains common wear items for this product. Users are encouraged to stock one or more repair kits considering the number of units installed and the potential downtime if machinery on which the unit is installed is critical equipment. To obtain current pricing and lead time for parts kits, contact customer service.

orders@machiii.com

ADDITIONAL PRODUCT INFORMATION

For illustrated guides showing how Mach III products work, selection guidelines, product manuals, and installation and use recommendations:

<https://machiii.com/resources/how-our-products-work>

For information about how to order, return policy and warranty information:

<https://machiii.com/resources/how-to-order>



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