# 58PI
## Tension Control Clutch
### SensiFlex® Pilot Input



| | |
|---|---|
| **Engagement/Disengagement** | |
| Air/Spring | |
| **Facing Type** | |
| Low Coefficient | |
| **Torque @ 80 PSI – Dynamic** | |
| 222 Pound Inches | |
| **Minimum Engagement Pressure** | |
| 3 - 4 PSI | |
| **Maximum Operating Pressure** | |
| 80 PSI | |
| **Maximum RPM** | |
| 1,750 | |
| **Bore Range with Standard Keyway** | |
| 0.500 (13) to 1.000 (24) Inches (mm) | |
| **Air Volume New** | |
| 0.22 Cubic Inches | |
| **Air Volume Worn** | |
| 1.17 Cubic Inches | |
| **Finish** | |
| Iron | |
| **Open or Enclosed Construction** | |
| Open | |
| **Shipping Weight** | |
| 12 Pounds | |



5.56 [141]

0.92        1/8" NPT        0.75

Ø 2.7463 / 2.7475    Ø0.500 [Ø13]  Ø1.000 [Ø24]    1.71    Ø1.02    Ø5.00 [Ø127]

(3) ¼-20 THD. X ⅞" DEEP ON A Ø3.250" BC

(1) ¼-20 THD. X ½" DEEP 90° CCW FROM NPT (VIEW) ←
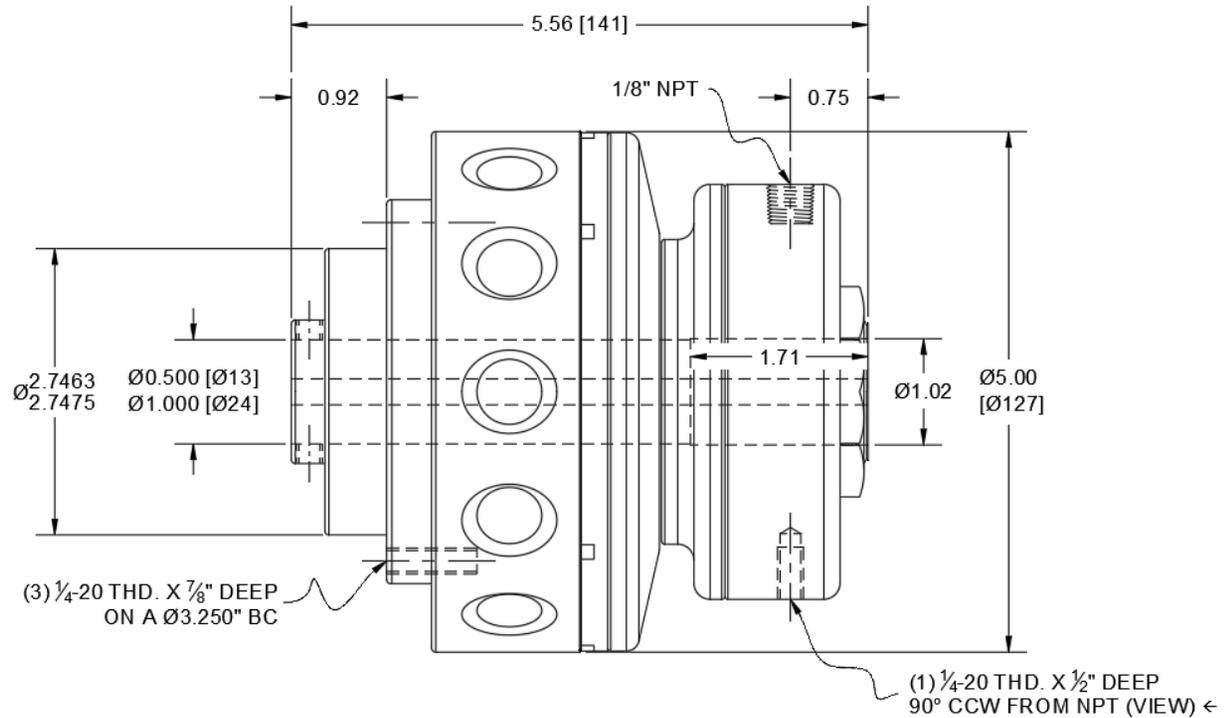
## CONTINUOUS THERMAL HORSEPOWER



SPEED, RPM

HORSEPOWER

**MACH III**
Motion Control Solutions
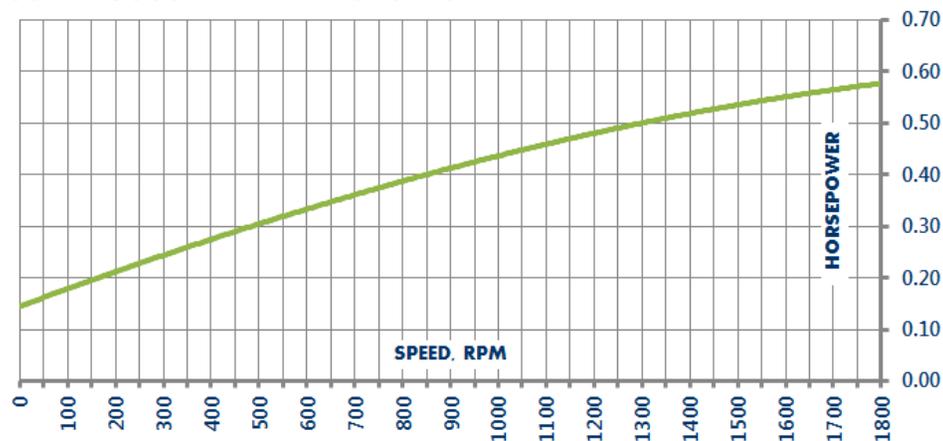
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# 58PI
## Parts Diagram
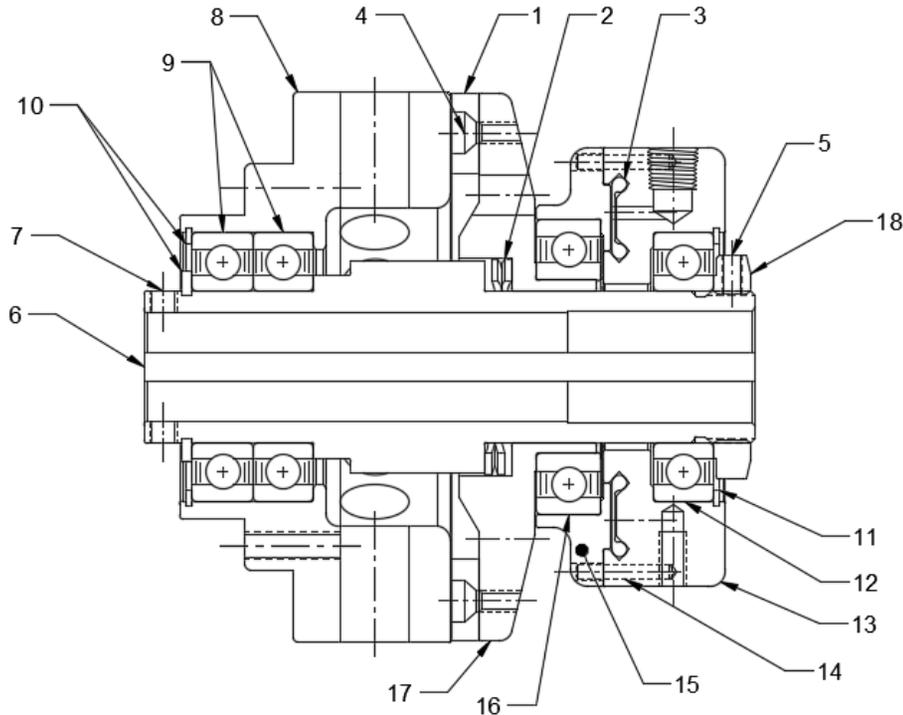
| REF# | DESCRIPTION & PARTS INCLUDED | QUANTITY | KIT NUMBER |
|---|---|---|---|
| | **REPAIR KIT** | | **58PI-LOCO-RPRK** |
| 1 | Friction Disc | 1 | |
| 2 | Wave Spring | 1 | |
| 3 | Diaphragm | 1 | |
| 4 | Screw | 6 | |
| 5 | Nylon Point Set Screw | 1 | |
| | **DRIVE HUB KIT** | | **58PI-HUBK** |
| 6 | Drive Hub | 1 | *Specify Bore Size When Ordering* |
| 7 | Set Screw | 2 | |
| | **SLEEVE KIT** | | **58PI-SLVK** |
| 8 | Sleeve | 1 | |
| 9 | Bearing | 2 | |
| 10 | Retainer Ring | 2 | |
| | **CYLINDER KIT** | | **58PI-CYLK** |
| 11 | Retainer Ring | 1 | |
| 12 | Bearing | 1 | |
| 13 | Cylinder | 1 | |
| 14 | Pin | 2 | |
| | **PISTON KIT** | | **58PI-PSTK** |
| 15 | Piston | 1 | |
| 16 | Bearing | 1 | |
| 17 | Drive Disc | 1 | |
| | **FACING KIT** | | **58PI-LOCO-FCGK** |
| 1 | Friction Disc | 1 | |
| 4 | Screw | 6 | |
| 5 | Nylon Point Set Screw | 1 | |
| | **NUT KIT** | | **58PI-NUTK** |
| 18 | Nut | 1 | |
| 5 | 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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