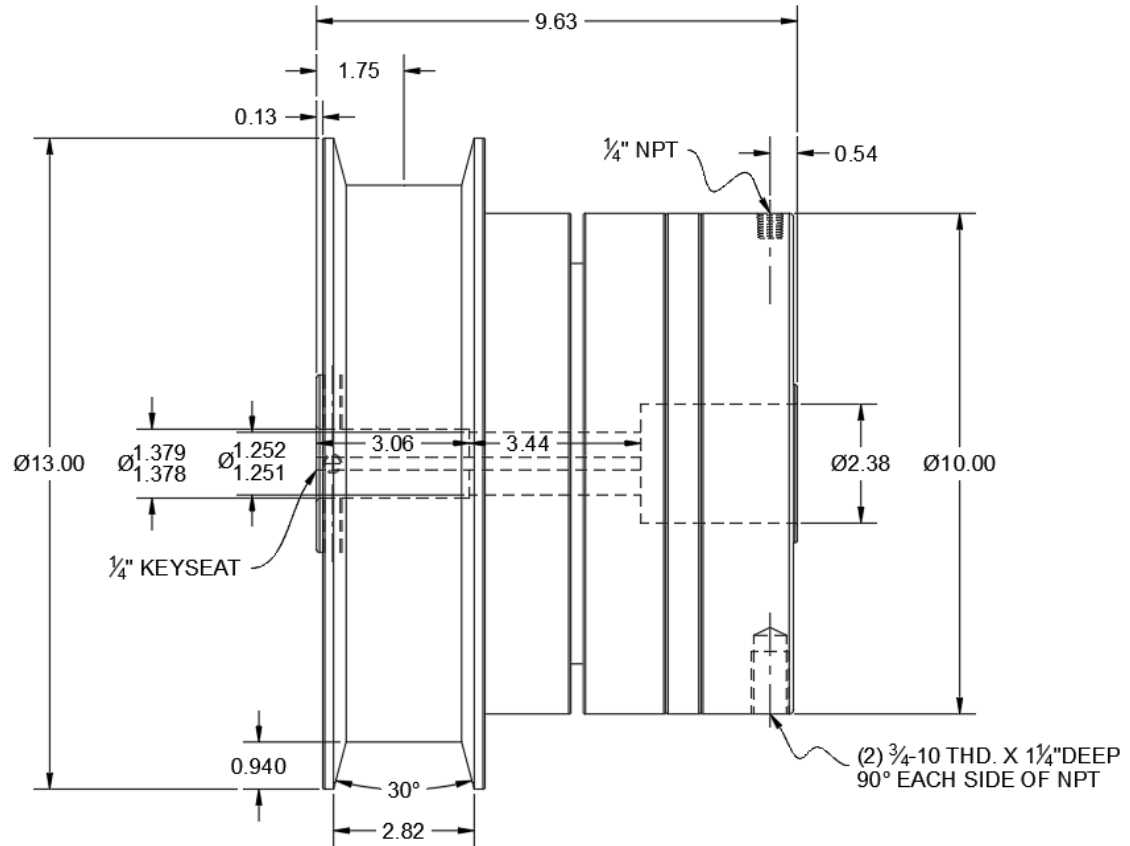




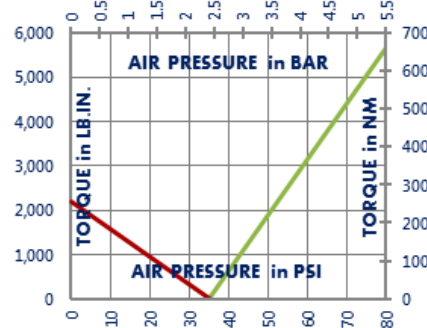
X8A2K-001

Clutch-Brake with Variable Speed Belt Pulley

Clutch Engagement/Brake Engagement
Air/Spring
Facing Type
High Coefficient
Clutch Torque @ 80 PSI (max) – Dynamic
5,767 Pound Inches
Brake Torque @ Spring Pressure (fixed)
2,177 Pound Inches
Brake Release Pressure
30 - 40 PSI
Maximum RPM
1,750
Bore Size with Standard Keyway
1.250
Air Volume New
4.60 Cubic Inches
Air Volume Worn
4.90 Cubic Inches
Finish
Aluminum
Open or Enclosed Construction
Open
Shipping Weight
130 Pounds



TORQUE vs. AIR PRESSURE



NEW vs. BURNISHED TORQUE

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.

PRODUCT SELECTION

Torque capacity is only one factor to consider when making a product selection. Insure that you will have right product for the job by contacting our engineering department for application review and selection assistance.



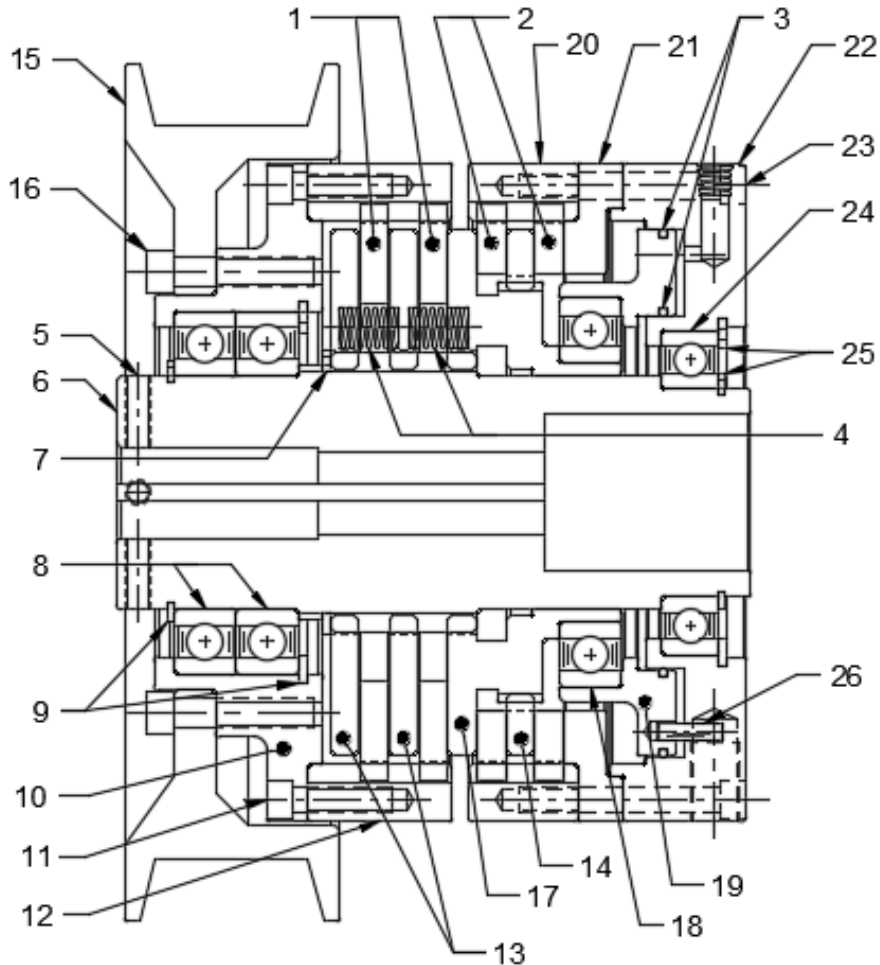
859-291-0849

engineering@machiii.com

www.machiii.com

X8A2K-001

Parts Diagram



REF#	DESCRIPTION & PARTS INCLUDED	QUANTITY	KIT NUMBER
	REPAIR KIT		X8A2K-001-RPRK
1	Friction Disc	2	
2	Brake Friction Disc	2	
3	O-Ring	2	
4	Spring	42	
	DRIVE HUB KIT		X8A2K-001-HUBK
5	Set Screw	3	
6	Drive Hub	1	
7	Retainer Ring	1	
	SLEEVE KIT		C8A2K-STH-SLVK
8	Bearing	2	
9	Retainer Ring	2	
10	Sleeve	1	
11	Screw	6	
12	Ring Gear	1	
	DRIVE DISC KIT		X8A2K-001-DRDK
13	Drive Disc	2	
14	Brake Drive Disc	1	
	PULLEY KIT		X8A2K-001-PULK
15	Pulley	1	
16	Screw	6	
	PISTON KIT		X8A2K-001-PSTK
17	Cone	1	
18	Bearing	1	
19	Piston	1	
	CYLINDER KIT		X8A2K-001-CYLK
20	Brake Ring Gear	1	
21	Brake Adapter	1	
22	Cylinder	1	
23	Screw	6	
24	Bearing	1	
25	Retainer Ring	2	
26	Pin	2	

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

Click on the links below or copy and paste into your web browser.

To view the Installation & Maintenance Manual for this product:

http://www.machiii.com/PDF/Product-Manuals/CLUTCHBR_SHAFT_BALLBRG_MANUAL.pdf

For information about the application and use of this and other Mach III products:

<http://machiii.com/Application/Default.asp>



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