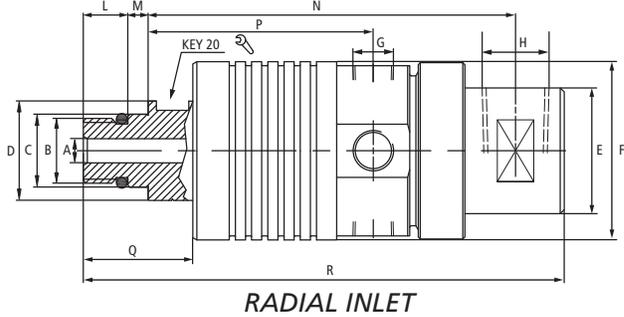
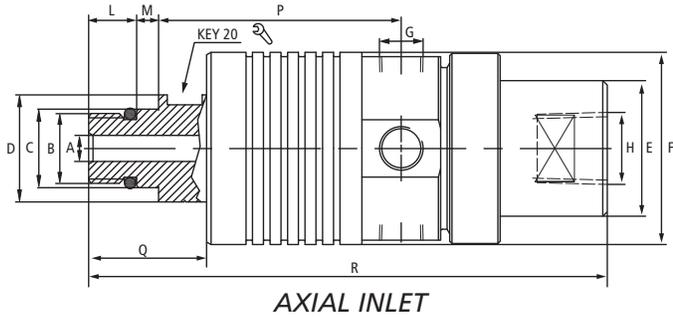




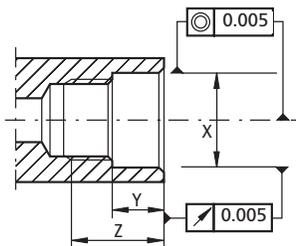
Fluid	PSI (BAR)	Temperature °F (°C)	RPM
Coolant	1,160 (80)	195 (90)	20,000
MQL	145 (10)	195 (90)	20,000
Air	116 (8)	122 (50)	20,000
Dry Run	-	-	20,000



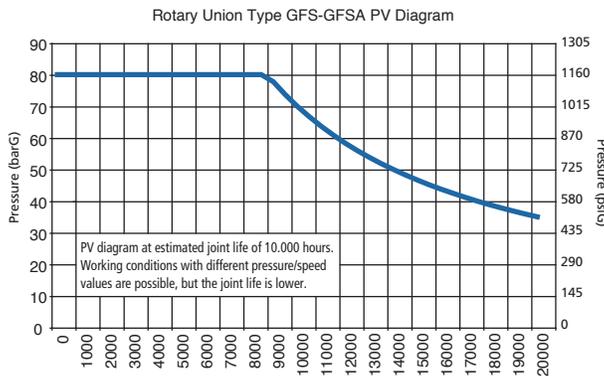
Type	A	B	C	D	E	F	G	H	L	M	P	Q	R	Weight Lb (Kg)
GFS009028410	6	M16 X 1.5 LH	18 g6	24.5	31	44	1/8" NPT	3/8" BSP	11	5	55.5	27	118.6	1.1 (0.50)
GFS009028411	6	5/8" - UNF LH	16.65 h4	24.5	31	44	1/8" NPT	3/8" BSP	14	5	55.5	30	121.1	1.1 (0.50)

Type	A	B	C	D	E	F	G	H	L	M	N	P	Q	R	Weight Lb (Kg)
GFSA009028415	6	M16 X 1.5 LH	18 g6	24.5	31	44	1/8" NPT	3/8" BSP	11	5	90.1	55.5	27	118.6	1.1 (0.50)
GFSA009028416	6	5/8" - UNF LH	16.65 h4	24.5	31	44	1/8" NPT	3/8" BSP	14	5	90.1	55.5	30	121.1	1.1 (0.50)

Dimensions in millimeters. For reference only and subject to change.



See page 18  
for spindle detail



INSTALLATION INSTRUCTIONS

## Overview

- Special seal design permits dry running
- Optimised seal balance ratio for minimal friction
- High precision angular contact bearings eliminate wobble and vibration
- Labyrinth seal and drain holes protect bearings
- Anodised aluminium body
- High-speed, dry run applications
- Reduced coolant misting for improved air quality
- Low heat generation in bearings and mechanical seal
- No leakage during tool change commutation
- Low vibration for precise machining
- Also available for rotation with compressed air
- Supplied with bearings run-in upon request
- Closing ring suitable for proximity sensing draw bar position