

Rotating Joint - Hydraulic Unit

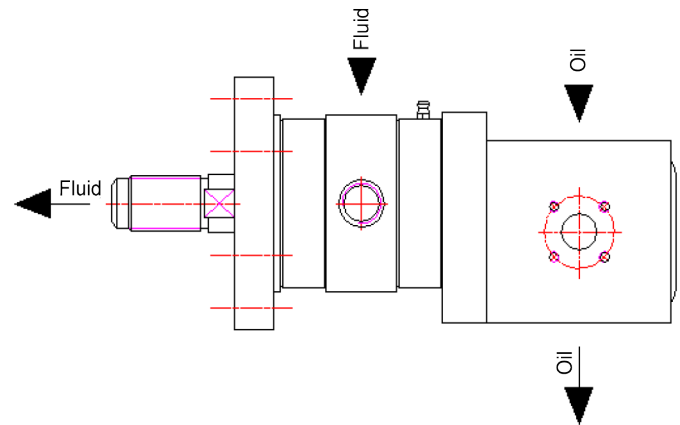
Z65-3e

Range of rotating joints available:

- Rotating joints up to 50,750 PSI (3500 bar)
- Rotating joints up to size DN 20
- High speed rotating joints with non-contacting seals
- Rotating joints for contaminated media, with contact seals
- Externally-driven rotating joints; hydraulic pneumatic, electric
- Hose reel rotating joints
- Custom-built rotating joints designed to specification

Technical Data

| Part Number 7008787 | U.S. | Metric |
|-----------------------|---|-------------------|
| Maximum Pressure | 21,750 PSI | 1500 bar |
| Nom. Diameter (ID) | 0.8" | 20 mm |
| Connection Inlet | | M 22 x 1.5 female |
| Connection Shaft Side | | M 30 x 2 |
| Length | 7.4" | 188 mm |
| Length with Motor | 12.6" | 320 mm |
| Weight | 16.5 lbs. | 7.5 kg |
| Speed | 0-500 RPM (depending on pressure of rotating joint) | |



| Flow Required (based on required torque) | | |
|--|---------------------------|------------------|
| 0.49 in ³ /U | (8 cm ³ /U) | Part No. 7008788 |
| 0.67 in ³ /U | (11 cm ³ /U) | Part No. 7008789 |
| 0.97 in ³ /U | (16 cm ³ /U) | Part No. 7008790 |
| 1.16 in ³ /U | (19 cm ³ /U) | Part No. 7008791 |
| 1.37 in ³ /U | (22.5 cm ³ /U) | Part No. 7008792 |

Maximum Oil Pressure 3,335-2,230 PSI (230-160 bar) (depending on hydraulic motor)

Note

Rotating arms, nozzle holder etc. can be designed to specification



Drive Unit Pneumatic 5/3500

Z65-2e

Technical Data

| | U.S. | Metric |
|------------------------------------|------------------------------------|----------------------|
| Max. Working Pressure | 50,750 PSI | 3500bar |
| Max. Flow Rate | 13.2 GPM | 50 L/min |
| Connection Inlet | | M 26 x 1.5 female |
| Connection Shaft Side | | M 14 x 1.5 LH female |
| Important | No traverse loads permitted | |
| Width x Length | 4.0" x 8.8" | 102 mm x 223 mm |
| Weight (approx.) | 5.5 lbs. | 2.5 kg |
| Pneumatic Drive / Air motor | | |
| Speed | | 0-1800 RPM |
| Air requirement | 0.18 ft ³ /s | 5.0 L/s |
| Air working pressure | 91 PSI | 6.3 bar |
| Power | 0.16 HP | 120W |

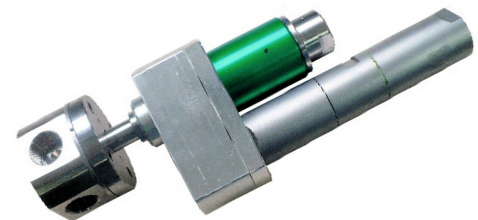


Part No. 7029561

Note

Usable nozzle heads: see page P35-1E with HP-Pipe nipple M 14x1.5 LH male (p/n 7014047)
See Rotating nozzle PRD 3500 AIR: Page Z30-1e

| | U.S. | Metric |
|-------------------------------------|------------------------------------|------------------------|
| Max. Working Pressure | 50,750 PSI | 3500bar |
| Max. Flow Rate | 13.2 GPM | 50 L/min |
| Connection Inlet | | M 26 x 1.5 female |
| Connection Outlet 4x M 26x1.5 IG | | Nozzle carrier ø 80 mm |
| Important | No traverse loads permitted | |
| Width x Length | 4.8" x 13.0" | 121 mm x 331 mm |
| Weight (approx.) | 11.7 lbs. | 5.3 kg |
| Pneumatic Drive / Air motor | | |
| Speed | | 0-1800 RPM |
| Air requirement | 0.28 ft ³ /s | 8.0 L/s |
| Air working pressure | 91 PSI | 6.3 bar |
| Power | 0.40 HP | 300W |



Part No. 7028990

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WARNING: This product might contain a chemical known to the State of California to cause cancer, and birth defects or other reproductive harm.
For more information go to www.P65Warnings.ca.gov