

Rotating Joint - Hydraulic Unit

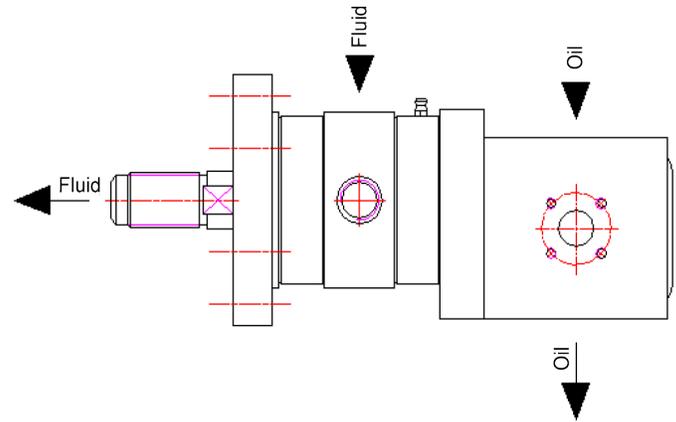
Z65-3e

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