Mosmatic 31.052, DGL In-Line Brass Stainless Swivel 1/4in Fip X 1/4in Fip Triple Bearing System



Model Number: 31.052

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Manufacturer: Mosmatic

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Description
The Mosmatic DGL Swivel 31.052 is a brass, nickel-plated swivel engineered for high-flow and high-pressure applications such as automatic car wash systems, hose reels, and industrial cleaning setups. Designed to withstand both thrust and radial forces, this swivel offers optimal performance in continuous-use operations.

With a triple bearing system (2x radial ball bearings, 1x thrust ball bearing) and a robust O-ring NBR seal system—with optional upgrades to EPDM or FKM—this swivel ensures longevity, smooth rotation, and corrosion resistance. It features a bulkhead mount, is maintenance-free, and built for maximum reliability and durability.
Applications

- Automatic car wash systems
- High-pressure hose reels
- Industrial and commercial cleaning
- Mobile wash units
- High-flow self-rotating equipment

Features

- Model: Mosmatic DGL 31.052
- Material: Brass, nickel plated
- Thread IN (G1): 1/4" NPTF
- Thread OUT (G2): 1/4" NPTF
- Seal Type: O-ring NBR (optional EPDM or FKM)
- Bearing System: Triple bearing (2 radial, 1 thrust)
- Mounting Style: Bulkhead fitting

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- Corrosion Resistant: Yes
- Maintenance: Maintenance-free
- Overall Diameter: 0.98"
- Overall Length: 2.75"
- Nominal Width (NW): 1/4"
- Wrench Size (SW): 0.87"
- Max Pressure: 4000 PSI
- Max RPM: 1000
- Max Temperature:
- 90°F at 1000 RPM
- 250°F at 30 RPM

Specification

Boom Compatible
Yes

Female NPTF
1/4" Fip X 1/4" Fip

Flange Type
Inline

Low RPM
No

Manufacturer
Mosmatic

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Parts & Accessories > Swivels Pressure Rotary Union > In Line Pressure Swivels Rotary Union > Mosmatic 31.052, DGL In-Line Brass Stainless Swivel 1/4in Fip X 1/4in Fip Triple Bearing System

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PSI
4000

RPM
30

Swivel Type
DGL

Temp in Fartenheit
250

Additional Information
Sales Brochure

Availability: This product was added to our catalog on Friday 03 January, 2014

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