Parts & Accessories > Swivels Pressure Rotary Union > In Line Pressure Swivels Rotary Union > Mosmatic 31.163, DGL In-Line Brass High Pressure Stainless Swivel with Triple Bearing System, 3/8in Fip X 3/8in G Straight Thread

Mosmatic 31.163, DGL In-Line Brass High Pressure Stainless Swivel with Triple Bearing System, 3/8in Fip X 3/8in G Straight Thread



Model Number: 31.163

Mosmatic 31.163, DGL In-Line Brass High Pressure Stainless Swivel with Triple Bearing System, 3/8in Fip X 3/8in G Straight Thread

Manufacturer: Mosmatic

Mosmatic 31.163, DGL In-Line Brass High Pressure Stainless Swivel with Triple Bearing System, 3/8in Fip X 3/8in G Straight Thread
Description
The Mosmatic DGL Swivel 31.163 is a high-performance brass, nickel-plated swivel designed to withstand radial and thrust forces in high-pressure, high-flow environments. Ideal for automatic car wash systems and high-pressure hose reels, this swivel combines precision engineering with long-term durability.

Equipped with a triple bearing system—two radial ball bearings and one thrust bearing—this model ensures smooth operation and high load capacity. It features an O-ring NBR seal system, with optional EPDM or FKM seals for extended chemical compatibility. With corrosion-resistant construction and bulkhead mounting, the DGL 31.163 is maintenance-free and engineered for maximum performance.
Applications

- Automatic and tunnel car wash systems
- High-pressure hose reels
- Commercial vehicle wash bays
- Industrial pressure washing
- Rotating equipment in cleaning systems

Features

- Model: Mosmatic DGL 31.163
- Material: Brass, Nickel-Plated
- Thread IN (G1): 3/8" NPTF
- Thread OUT (G2): G3/8" M
- Seal Type: O-ring NBR (Optional: EPDM or FKM)

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- Bearing System: Triple bearing (2 radial, 1 thrust)
- Mounting: Bulkhead fitting
- Corrosion Resistant: Yes
- Maintenance: Maintenance-free design
- Overall Diameter: 0.98"
- Overall Length: 2.59"
- Nominal Width (NW): 1/4"
- Wrench Size (SW): 0.87"
- Max Pressure: 4000 PSI
- Max RPM: 1000
- Temperature Range:
- 90°F at 1000 RPM
- Up to 250°F at 30 RPM

Specification

Boom Compatible
Yes

Female NPTF
3/8" Fip X 3/8" G M Straight

Flange Type
Inline

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Low RPM
No

Manufacturer
Mosmatic

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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