Mosmatic 31.051, DGL In-Line Brass Stainless Swivel 1/4in Fip X 1/4in Mip Triple Bearing System



Model Number: 31.051

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Manufacturer: Mosmatic

Mosmatic 31.051 DGL In-Line Stainless Swivel 1/4" Fip X 1/4" Mip Triple Bearing Seal

Description

The Mosmatic DGL Swivel 31.051 is a brass, nickel-plated high-flow swivel engineered for handling thrust and radial forces in automatic car washes, high-pressure hose reels, and industrial cleaning systems. Built to withstand rigorous use, it ensures long-lasting, maintenance-free performance in both fixed and rotating setups.

Featuring a triple bearing system (2x radial and 1x thrust ball bearing), this swivel allows for stable, reliable rotation under high-pressure conditions. The O-ring NBR sealing system provides leak-proof operation and is upgradeable to EPDM or FKM seals for enhanced chemical compatibility. With a bulkhead mounting configuration and corrosion-resistant body, the DGL 31.051 is a trusted solution for demanding cleaning applications.

Applications

- Automatic car wash systems
- High-pressure hose reels
- Robotic wash arms and gantry systems
- Industrial cleaning equipment
- High-flow pressure washing systems

Features

- Design: Straight inline swivel
- Material: Brass, nickel plated
- Seal Type: O-ring NBR (optional EPDM or FKM)
- Bearing System: Triple (2x radial, 1x thrust)
- Thread IN (G1): 1/4" NPTF
- Thread OUT (G2): 1/4" NPTM

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Mosmatic 31.051, DGL In-Line Brass Stainless Swivel 1/4in Fip X 1/4in Mip Triple Bearing System

- Overall Diameter: 0.98"
- Overall Length: 2.55"
- 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
- Mounting Type: Bulkhead fitting
- Maintenance: Maintenance-free

Specification

Boom Compatible
Yes

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

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

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PSI
4000

RPM
30

Swivel Type
DGL

Temp in Fartenheit
250

Additional Information
Sales Brochure
http://www.autowashonline.com/default.aspx?page=Item%20Detail $59.49
http://www.staniosindustrial.com/ $88.67
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Availability: This product was added to our catalog on Friday 03 January, 2014

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