Parts & Accessories > Swivels Pressure Rotary Union > 90 Degree Pressure Swivels Rotary Union > Mosmatic 33.503, DGG Bulkhead 90 Degree Elbow Swivel, 21mm-1.5M Metric X 3/8in G Male Straight Thread, 4000psi

Mosmatic 33.503, DGG Bulkhead 90 Degree Elbow Swivel, 21mm-1.5M Metric X 3/8in G Male Straight Thread, 4000psi



Model Number: 33.503

Mosmatic 33.503, DGG Bulkhead 90 Degree Elbow Swivel, 21mm-1.5M Metric X 3/8in G Male Straight Thread, 4000psi

Manufacturer: Mosmatic

Mosmatic 33.503, DGG Bulkhead 90 Degree Elbow Swivel, 21mm-1.5M Metric X 3/8in G Male Straight Thread, 4000psi
Description
The Mosmatic DGG Swivel 33.503 (90 Degrees) is a brass, nickel-plated swivel engineered for high-pressure and self-rotating cleaning systems. Designed for optimal performance in demanding applications such as parts washers, tire cleaners, and industrial surface cleaning equipment, it ensures reliable rotation and long-term durability.

Equipped with a triple bearing system—2x radial ball bearings and 1x thrust ball bearing—this swivel delivers smooth, precise rotation under pressure. The integrated O-ring NBR seal system offers excellent sealing performance, with optional EPDM or FKM variants for compatibility with a wide range of chemicals. With a compact 90° body, corrosion-resistant materials, and bulkhead mounting capability, the DGG 33.503 offers maintenance-free operation for continuous-duty use.
Applications

- High-pressure rotating cleaning equipment
- Tire and underbody cleaning systems
- Parts washers and degreasers
- Self-rotating surface cleaners
- Industrial and commercial cleaning systems

Features

- Design: 90° angled swivel
- Material: Brass, nickel plated
- Seal System: O-ring NBR (optional EPDM or FKM)
- Bearing Type: Triple bearing (2x radial, 1x thrust)

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- Thread IN (G1): M21x1.5M
- Thread OUT (G2): G3/8" M
- Overall Diameter: 1.34"
- Overall Length: 2.76"
- 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 Style: Bulkhead fitting
- Maintenance: Maintenance-free

Specifications
Pressure: 4000 psi (27.5 MPa)
Temperature: 90°F at 1000 RPM, 250°F at 30 RPM
RPM: max 1,000 rpm
Material Type: Brass, Nickel plated
Inner Part: Stainless steel
Seal: O-ring NBR (optional: EPDM or FKM)
Throughput/medium: ph 3-12 / filtered 10 microns, compressed air (290 psi)
Thread In: G1 M21X1.5M
Thread Out: G2 G3/8"M
Nominal Width (NW): 1/4"
Wrench Size 1 (SW1): 0.87"
Wrench Size 2 (SW2): 0.75"
Wrench Size 3 (SW3): 1.34"
Diameter (D) (overall diameter): 1.34"
Length 1 (L1) (overall length) : 2.76"
Length 2 (L2): 0.47"
Weight: 10.4 oz
Video

Additional Information
Sales Brochure

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Availability: This product was added to our catalog on Sunday 05 January, 2014

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