



The single passage SPSM Series rotary unions are small, lightweight but rugged and corrosion-resistant thanks to their aluminum construction with a stainless steel shaft.

* The use of liquid media is not recommended for this product. Please select from one of our other product lines or consult PES if your application requires use of liquid media.

Feature

SPS(M) 5410	
Type	Single Passage
Passages	1 passage
Connector	1/2" BSPT
Overall Diameter	44.400 mm
Overall length	66.800 mm
Min Torque	1.360 Nm
Passage Size	12.700 mm
Maximum Pressure ¹	4 MPa (40 bar)
Maximum Vacuum ¹	30 HG
Max Speed ¹	500 rpm
Temperature Range ¹	-18°C ÷ 105°C

¹ Values are dependent on a combination of all application parameters. Please consult PES.

SINGLE-PASS SOLUTION FOR TRANSFER OF AIR OR VACUUM THROUGH A ROTARY INSTALLATION*

General information

SPS(M) 5410	
Connection Sizes	1/8", 1/4", 3/8", 1/2", 3/4", 1" BSPT
Plating and Coating	Shaft : 304 Stainless Steel Housing : Blue Anodized Aluminium
Mounting	Tapped holes are provided on the housing with male BSPT thread connection for shaft mounting

Notice : The provided technical data are the higher limits recommended in static condition. To obtain the correct dimensioning of the product, it is necessary to hold account of all the applicable dynamic forces, including the inertia of the manipulator, the configuration of the tools and the external forces applied.

The SPS(M) Series rotary unions give a single-pass solution for hydraulic, pneumatic or even vacuum applications that can be integrated directly with Thru-bore Slip Rings to combine a single fluid passage with power, signal and/or data transfer.

Advantages

Multipurpose solution for air, gas, oil, water or vacuum

Easy integration

High performances (pressure, rotating speed)

Benefits

Avoid the need of complex piping arrangements

Increased machinery performances

Piping maintenance mitigated



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