DEUBLIN®

Description

The SRD-30 is a reliable, cost-effective, and proven product that provides excellent performance for many applications. It is a very versatile slip ring due to its unique design. This slip ring can transmit both signal and power effectively. Commonly used on packaging, labeling, and filling machines, and in connection with a Rotary Union.

Model Family	Industry	Application
SRD-30	**Multiple**	**Packaging, Automation, Rotary Table**

Electrical Features
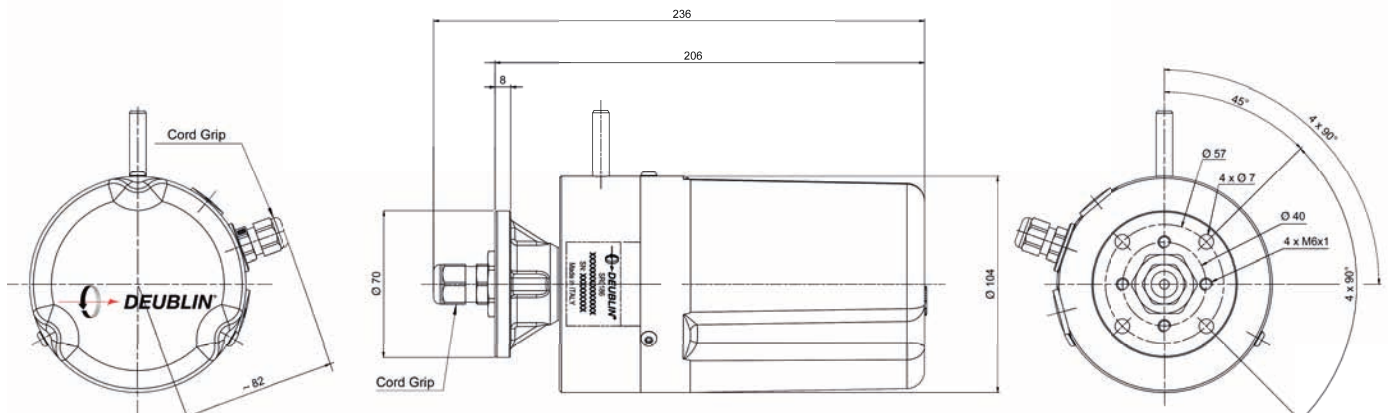
Electrical Channels	Up to 32
Voltage, max	640 VAC/DC for power – 30VDC for signal
Current, max steady state	Up to 25 A
Data Communication Speed	Up to 100 Mbps for signal
Conductor Ring	Gold Plated Copper Alloy
Brush Contact	Alloy monofilament or polyfilament
Wiring	Up to 4 mm² power/0,34 mm² signal
Connection, stator	Cordgrip
Connection, rotor	Cordgrip

Mechanical Features

Speed, max.	250 RPM
Direction of Rotation	Bi-Directional
IP Rating	Standard IP55 - Max. IP67
Mounting Orientation	Vertical or Horizontal
Temperature, operating	-20 °C to +80 °C
Temperature, storage	-40 °C to +90 °C
Material, housing	Anodized Aluminum
Material, rotor	Anodized Aluminum
Material, cover	Carbon Graphite Filled PA

Versions

SRD-30 (standard)	Cordgrip connection both on rotor and stator side, 3 m flying leads
Options	Connectors, Mounting Flanges, Painted covers, flying lead length, customized anti-rotation, internal heater for low temperature applications