

Capsule Slip Rings Type DHS

Capsule slip rings are the optimize solution for signal and data transmission in compact places.

The products are fully customizable: they are available from 2 to 56 rings with different diameter housing and different flanges to fit them.

Capsule slip rings use gold to gold coating contact technology to let the signals transmission very reliable, coupled with low rotary torque.

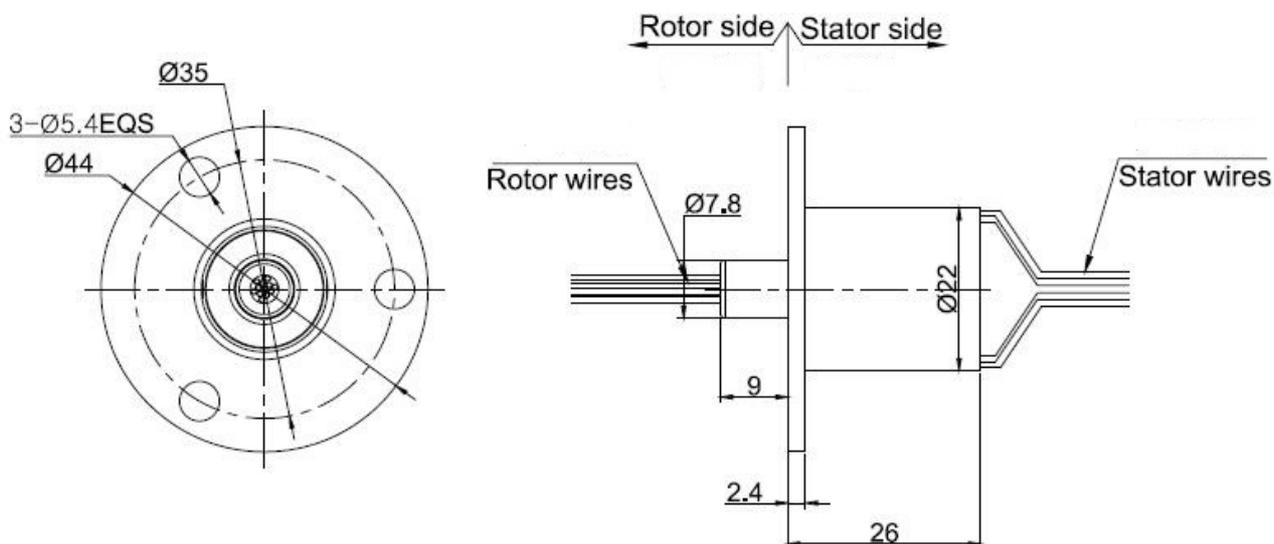


Main Features

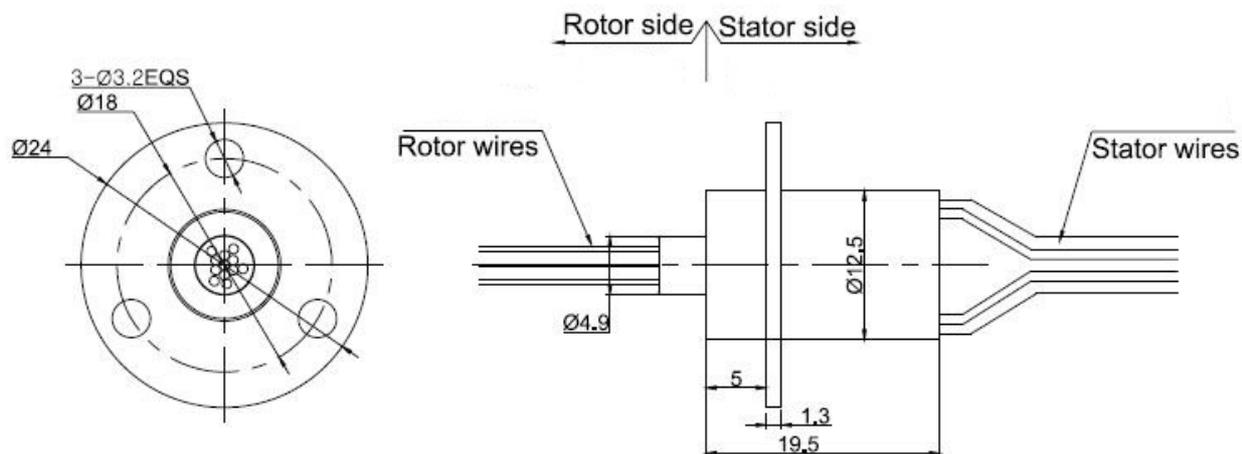
- **Number of rings:** from 2 to 56
- **Nominal current for each ring:** 2A (*customizable for higher current*)
- **Protection degree:** IP65 (*customizable IP67*)
- **Rotating speed:** up to 250 RPM (*customizable up to 1000 RPM*)
- **Working life:** 10 millions revolutions (*customizable up to 300 millions*)
- **Housing material:** plastic (*customizable with aluminium housing*)
- **Housing diameter:** from 5.9 to 30 mm (*customizable*)
- **Contacts material:** Gold to Gold for signals and Ethernet
- **Standard wire lead length:** 250mm on both sides (*customizable*)
- **Wire type:** Flexible, color-coded, silver-plated, Teflon® insulated
- **Electric noise:** lower than 10mohms
- **Working temperature:** -20°C to +80°C
- **Insulation strength:** 500V AC@50HZ 60S
- **Insulation resistant:** 500MΩ 500VDC

Some examples

DHS022-12-2A: 12 rings 2A, diameter 22mm



DHS0125-12-2A: 12 rings 2A, diameter 12,5mm



Other technical drawings of customized products available on request.