

DHS225-38-2Y-1FSeries-Hydraulic-electrical Slip Ring

DHS225-38-2Y-1F Description:

DHS225-38-2F-1F product with 2 hydraulic channels, G2-1/2 inch, with 38 signal channels, suitable for rotating application, working speed 10rpm.

DHS225-38-2Y-1F Customized Options:

- ◆Cable length
- ◆Number of channels
- ♦Signal Type
- ◆Number of Fluid passage
- ◆Shell Material
- ◆Working medium



Typical Application:

Industrial robots - spray robots used on assembly lines need to use gas-electric slip rings to receive instructions from the control system while obtaining sufficient compressed air to ensure normal spraying operations.

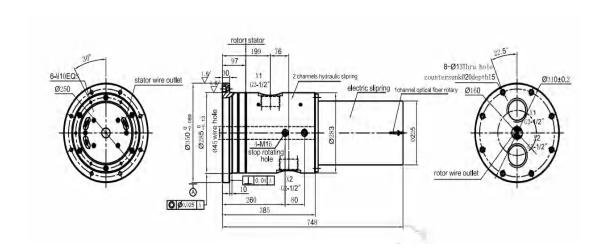
Medical devices - During endoscopic examinations, in order to maintain image quality and protect sensitive components from the internal environment, designs with gas-electric combined slip rings



are often used to ensure that all necessary power and air sources can be safely and effectively transmitted to the probe part

Wind power generation - the variable pitch control system on the top of the tower must rely on gas-electric combined slip rings to maintain an unobstructed communication link with the ground, and also ensure that the appropriate amount of hydraulic oil or compressed air can be supplied to the corresponding actuators in a timely manner.

DHS225-38-2Y-1F Standard Drawing:



DHS225-38-2Y-1F Technical Parameters:

Hydraulic Channel Parameters			
No of Channels	2 Ring or Custom		
Interface Thread	G2-1/2"		
Flow Hole	Ф51		
Medium	Water glycol		
Working Pressure	1Мра		
Working Speed	≤200rpm		
Working temperature	-30°C ~ +80°C		
Electrical technical		Mechanical technical	
No of Channels	38 rings or Custom	Speed range	0-10rpm
Rated Current	2 Circuit for 400A	Protection level	IP54
Rated Voltage	0-440VAC/240VDC	Structural material	precious metal
Contact resistance variation	<10mΩ	Working humidity	<70%
Insulation resistance	1000MΩ@1000VDC	Electrical contact material	Precious metal
Electrical strength	1500VAC@50Hz,60s,1mA	Structural material	Q235A
Working temperature	-40°C ~ +60°C		