

DHS140-36-2F Series--Fiber Optic Combined Slip Ring

DHS140-36-2F Description:

DHS140-36-2F product with 2 fiber optic channels, single model, with 36 signal channels, suitable for rotating application, working speed 100rpm.

DHS140-36-2F Customized Options:

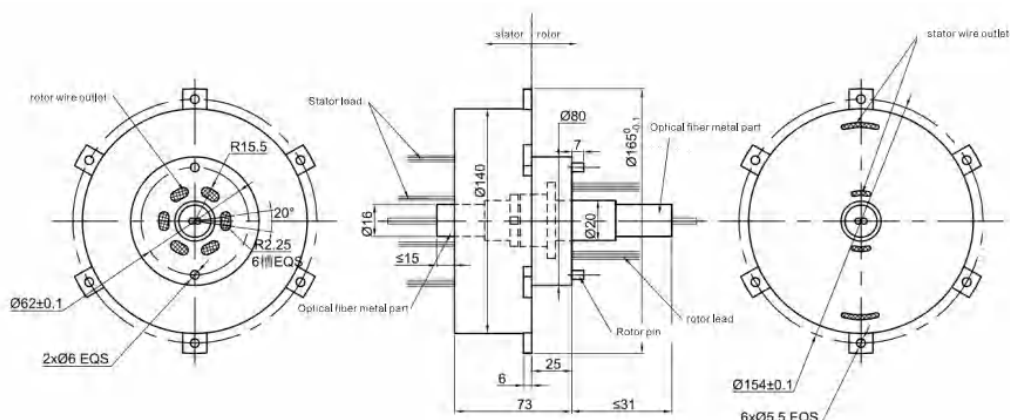
- ◆ Cable length
- ◆ Number of loops
- ◆ Fiber type
- ◆ Fiber lengths
- ◆ Fiber connector



Typical Application:

Remote control systems, transmission and control of digital and analog signals
 Radar, antenna systems
 Video surveillance systems

DHS140-36-2F Standard Drawing :



DHS140-36-2F Technical Parameters:

Optical Fiber Parameters			
No of Channels	2 Ring or Custom		
Wavelength	1310nm-1550nm		
Optical Fiber Type	Single Mode		
Connector Type	Stator-SC/PC, Rotor-SC/PC		
Insertion loss	< 5dB		
Insertion loss variation	≤±1.3dB		
Return loss	> 45B		
Pigtail length	Stator :300mm+500mm Rotor:900mm+500mm		
Electrical technical		Mechanical technical	
No of Channels	36	Speed range	0-100rpm
Rated Current	3 rings-15A,2 rings-30A,31 rings-1A	Protection level	IP51
Rated Voltage	0-440VAC/240VDC	Structural material	Aluminum alloy
Contact resistance variation	< 10mΩ	Working humidity	< 70%
Insulation resistance	≥1000MΩ@1000VDC	Electrical contact material	Precious metal
Electrical strength	1000VAC@50Hz,60s,1mA	Lead specification	15A-AFP 3*0.75mm ² , 30A-AF 7*0.3mm ²
Working temperature	-20°C ~ +80°C	Lead length	Rotor:2500+50mm,Stator 500mm+20mm