

LHS145-24Q Series---Pneumatic Rotary Joint

LHS145-24Q Description:

LHS115-4Y product with 4 Gas Channels, OD 145 mm, suitable for rotating application, interface thread G1/8", support 0-48 channels.



LHS145-24Q Customized Options:

- ◆ Number of electrical, gas and liquid circuits
- ◆ Cable length
- ◆ Number of channels
- ◆ Working medium and working pressure of gas and liquid circuits
- ◆ Wire length, connection terminals
- ◆ Shell material and color
- ◆ Protection level
- ◆ Rated speed

Typical Application:

Agricultural machinery: For example, rotating arms in sprinkler systems

Construction machinery: Hydraulic systems in equipment such as excavators and cranes

Food processing equipment: For the transfer of sterile liquids or gases

Pharmaceutical industry

Printing machinery: In large printing presses, ink and cleaning solvents need to be transferred to the drum through the rotating shaft

Textile machinery: In spinning machines or other textile equipment, lubricants or coolants may need to be distributed through rotary joints.

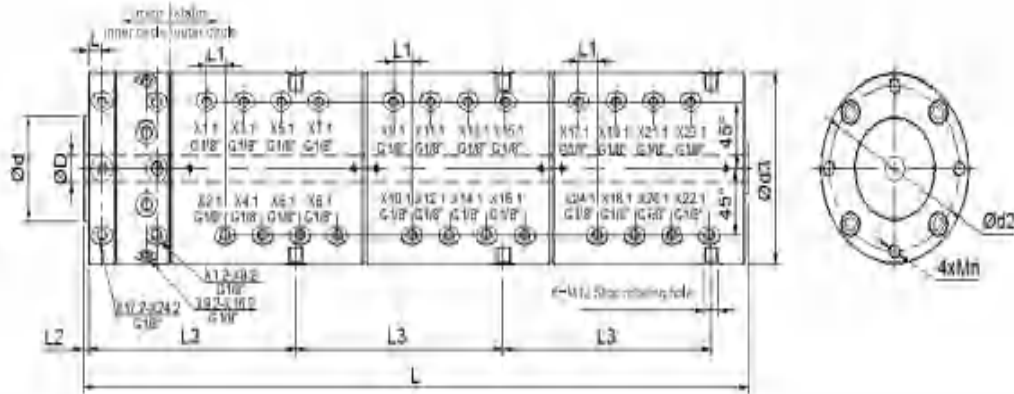
Robotics: Especially in industrial robot arms, electricity, compressed air or vacuum can be transferred to the end effector through rotary joints.

Wind power generation: In the blade adjustment system of wind turbines, hydraulic oil or other control media may need to be transferred through rotary joints.

Shipping and offshore engineering: Ship cranes, deck machinery, and subsea drilling equipment all require reliable rotary joints to achieve fluid transmission.

Automated production lines: In some automated production processes, rotary joints can help achieve material or product transfer, especially where circular motion is involved.

LHS145-24Q Standard Drawing :



LHS145-24Q Technical Parameters:

Rotary Joint Technical Parameter	
No of Channel	24 Way or Custom
Interface Thread	G1/8'
Flow Hole	Φ6
Medium	Compressed Air
Pressure	1.1Mpa
Rotating Speed	≤15rpm
Temperature	-30°C+80°C