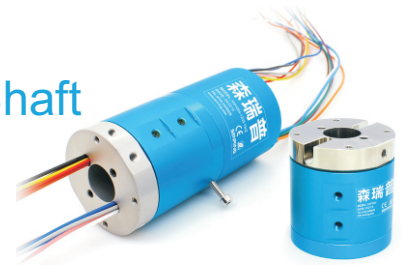


3404004 Series Two Passage Hollow Shaft Rotary Unions(with center hole 20mm)



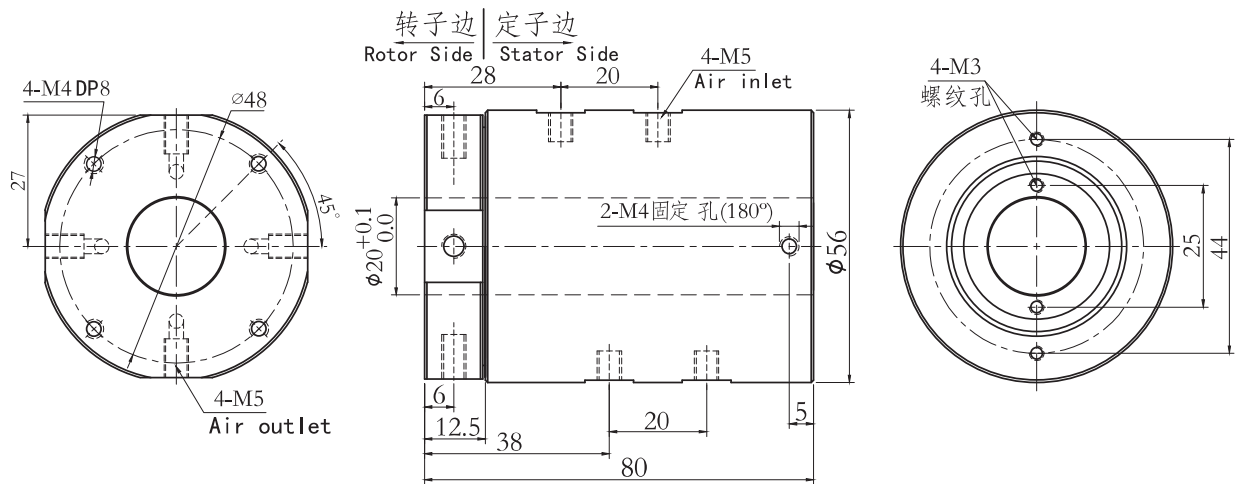
4 Passage(M5 port,4~6mm pipes)+Electrical(Power/Signal)

support M5 port for 6~8mm pipes,can transfer various mediums including compressed air,steam,vacuum,negative pressure,positive pressure,cooling water,hot oil,etc when 360° rotating , it also can combine to transmit electrical power and signal.

Part No. Description

| Part No. | Description | For example: |
|----------|--------------------------------------------------------------------------|----------------------------------------------|
| 3404004 | 4 Passage Rotary Unions M5 port ,4~6mm pipes with center hole 20mm | 05:5A 10:10A 06:6 circuits 12:12 circuits |

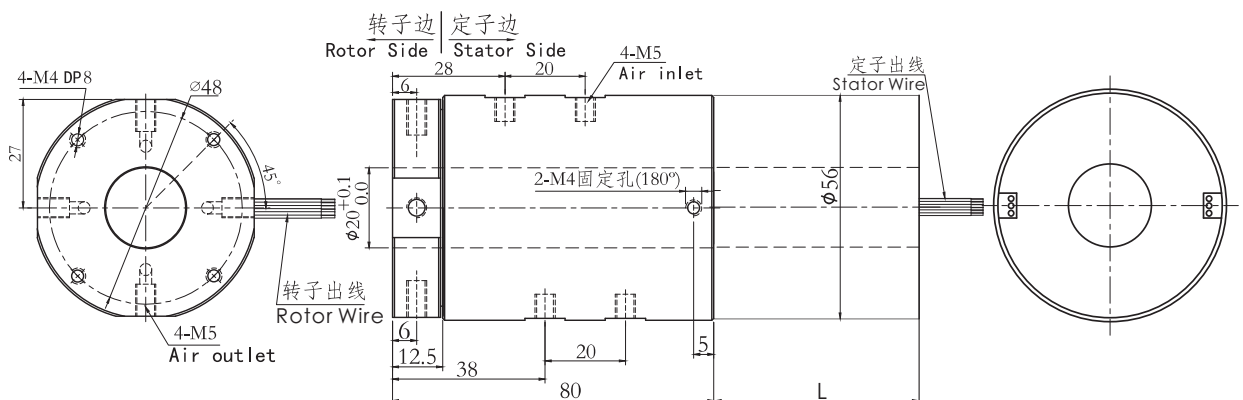
3404004 (Rotary Union Only) Drawing,4 Passage(4~6mm pipe,with center hole 20mm)



Standard Model List

| Model | Passages(Gas/Flow) | Port Size | Pipe Size |
|---------|--------------------|-----------|-----------|
| 3404004 | 4 | M5 | 4~6mm |

3404004-X3AX4S 4 Passage(4~6mm pipe,with center hole 20mm)+electrical power/signal(5A, 10A option)



Standard Model List

| Model | Passages(Gas/Flow) | Port Size | Pipe Size | Signal Circuits(5A/10A) | Length L(mm) |
|--------------|--------------------|-----------|-----------|-------------------------|--------------|
| 3404004-0605 | 4 | M5 | 4~6mm | 6 | 34.5 |
| 3404004-1205 | 4 | M5 | 4~6mm | 12 | 57.5 |

Technical Specification

| Rotary Union Specification | | | | | |
|----------------------------|-------------------------------------------------------|-----------------------|-----------------------------------|----------------------------------|--|
| Passages | 4 Passage(Gas/Flow) | Max. Pressure | 1Mpa, Vacuum -90kPa | | |
| Pipe size | 4mm Pipe(M5) | torque | <0.4N.m | | |
| Mechanical parameters | | Electrical parameters | | | |
| Spec. | Data | Spec. | Data | | |
| Working Life | 20millions for ref (depends on working conditions) | | Power | Signal | |
| | | Voltage Range | 0~440VAC/VDC | 0~440VAC/VDC | |
| Max. Speed | 250RPM continously, 1000RPM intermittently | Insulation Resistance | <500M Ω /300VDC | <500M Ω /300VDC | |
| | | Lead Wire Spec. | AWG17# Silver-plated teflon wire | AWG22# Silver-plated teflon wire | |
| Working Temp. | -30 $^{\circ}$ C~80 $^{\circ}$ C | Lead Wire Length | standard 250mm(can be customized) | | |
| Work Humidity | 0~85% RH | Insulation Resistance | 500VAC@50Hz,6s | | |
| Contact Material | precious metal | Electrical Noise | <0.01 Ω | | |
| Housing Material | aluminum alloy | | | | |
| IP Grade | IP51 | | | | |

Color Code of Lead Wire

| ring # | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|---------|
| color | BLK | BRN | RED | ORG | YEL | GRN | BLU | PUR | GRY | WHT | PINK | LGT BLU |