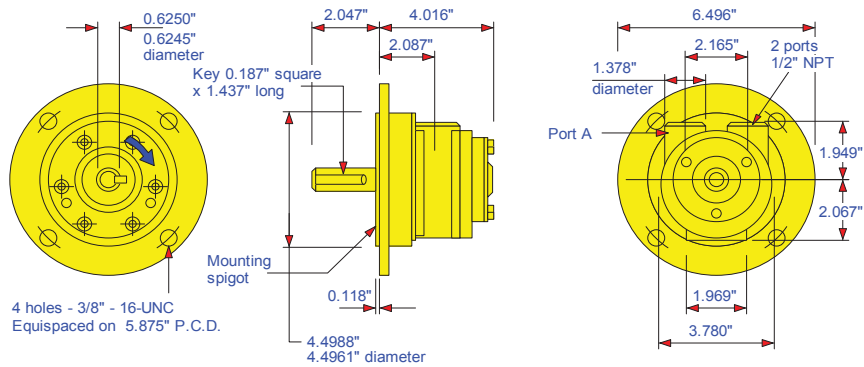


VA4C Vane Air Motor

Motor code : VA4CXXX10

Nema 56C configuration



Attitude: The motor can be operated in all positions
Maximum temperature -20°C to +80°C (-4°F to +176°F)
Muffler supplied with motor

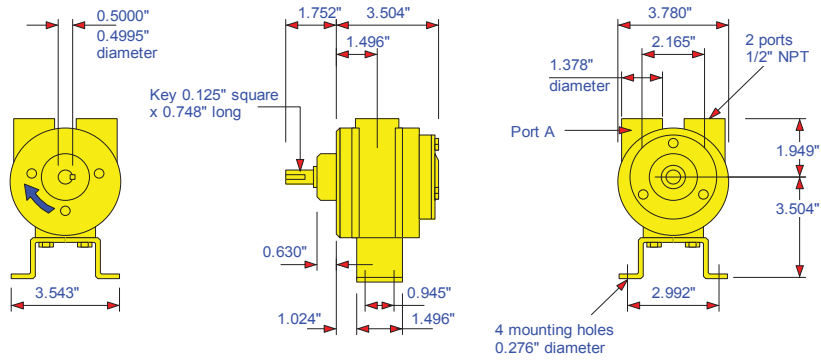
Max. Overhung Force on shaft 170 N (40 lbf.)
Axial loads should be kept to a minimum
Mass 8.00 kg (17.63 lb.)

**Note: With air inlet at port 'A', shaft rotation is clockwise looking on shaft.
For opposite rotation reverse ports.
Motor is reversible**

VA4J Vane Air Motor

Motor code : VA4JXXX10

Foot mounting configuration



Attitude: The motor can be operated in all positions
Maximum temperature -20°C to +80°C (-4°F to +176°F)
Muffler supplied with motor

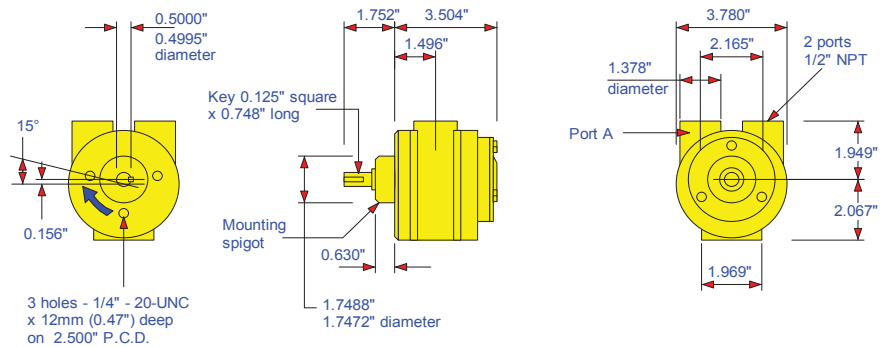
Max. Overhung Force on shaft 170 N (40 lbf.)
Axial loads should be kept to a minimum
Mass 3.80 kg (8.38 lb.)

Note: With air inlet at port 'A', shaft rotation is clockwise looking on shaft. For opposite rotation reverse ports. Motor is reversible

VA4X Vane Air Motor

Motor code : VA4XXXX10

Face mounting configuration



Attitude: The motor can be operated in all positions
Maximum temperature -20°C to +80°C (-4°F to +176°F)
Muffler supplied with motor

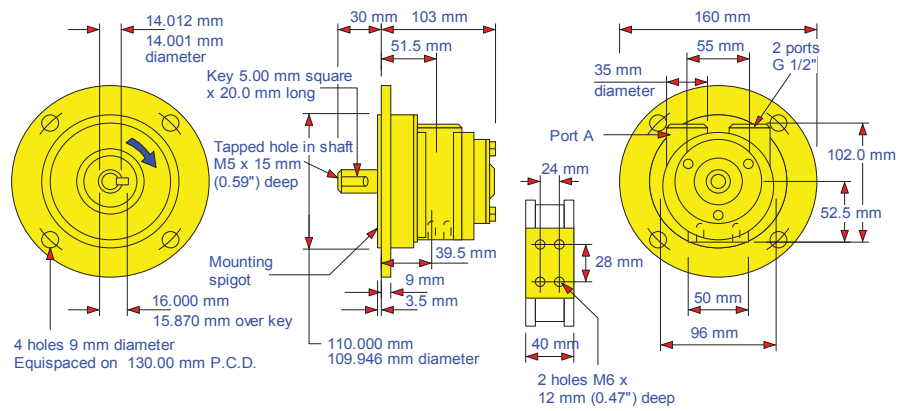
Max. Overhung Force on shaft 170 N (40 lbf.)
Axial loads should be kept to a minimum
Mass 3.80 kg (8.38 lb.)

**Note: With air inlet at port 'A', shaft
rotation is clockwise looking on shaft.
For opposite rotation reverse ports.
Motor is reversible**

VS4C Vane Air Motor

Motor code : VS4CXXX00

D71 configuration



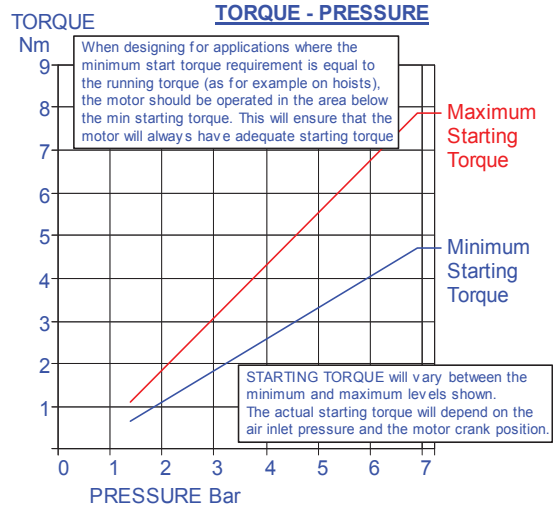
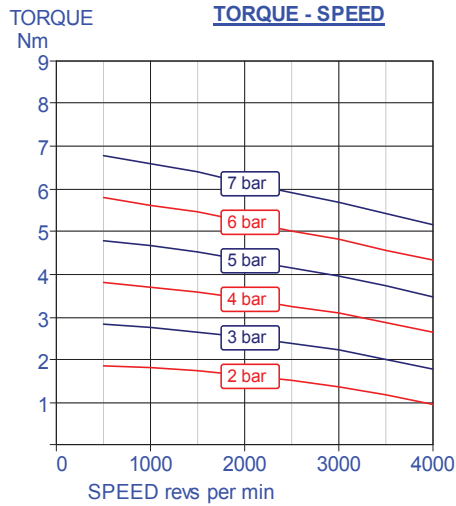
Attitude: The motor can be operated in all positions
Maximum temperature -20°C to +80°C (-4°F to +176°F)
Muffler supplied with motor

Max. Overhung Force on shaft 170 N (40 lbf.)
Axial loads should be kept to a minimum
Mass 8.00 kg (17.63 lb.)

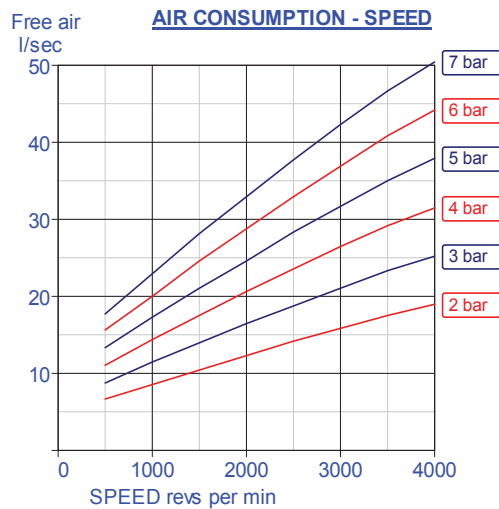
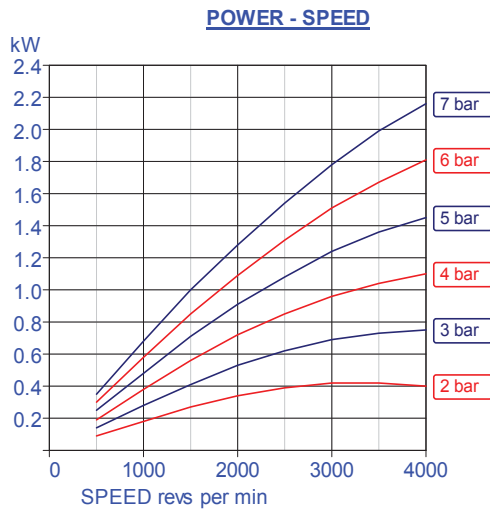
**Note: With air inlet at port 'A', shaft rotation is clockwise looking on shaft.
For opposite rotation reverse ports.
Motor is reversible**

V4 Series Vane Air Motor

Maximum continuous speed 4000 rpm



A pressure regulator should be used to control the air pressure to the motor, to limit the maximum output torque applied to the driven assembly.



Muffler supplied with motor
Motor is reversible

Attitude: The motor can be operated in all positions
Maximum temperature -20°C to +80°C (-4°F to +176°F)

Max. Overhung Force on motor shaft 170 N (40 lbf.)
Axial loads should be kept to a minimum

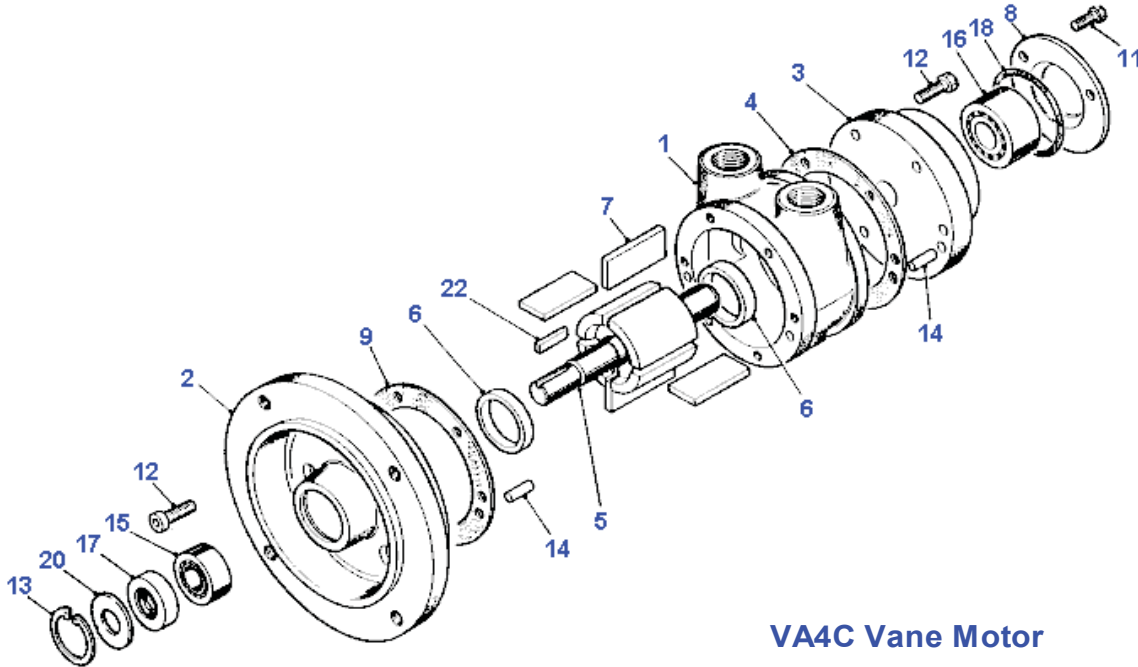
AIRLINE FILTRATION AND LUBRICATION

Use 64 micron filtration or better. Choose a lubricator suitable for the flow required. Prior to initial start-up, inject oil into the inlet port.

Lubricator drop rate 4-5 drops/minute continuous operation

Lubricator drop rate 9-12 drops/minute intermittent operation

VA4C Motor Spare Parts List

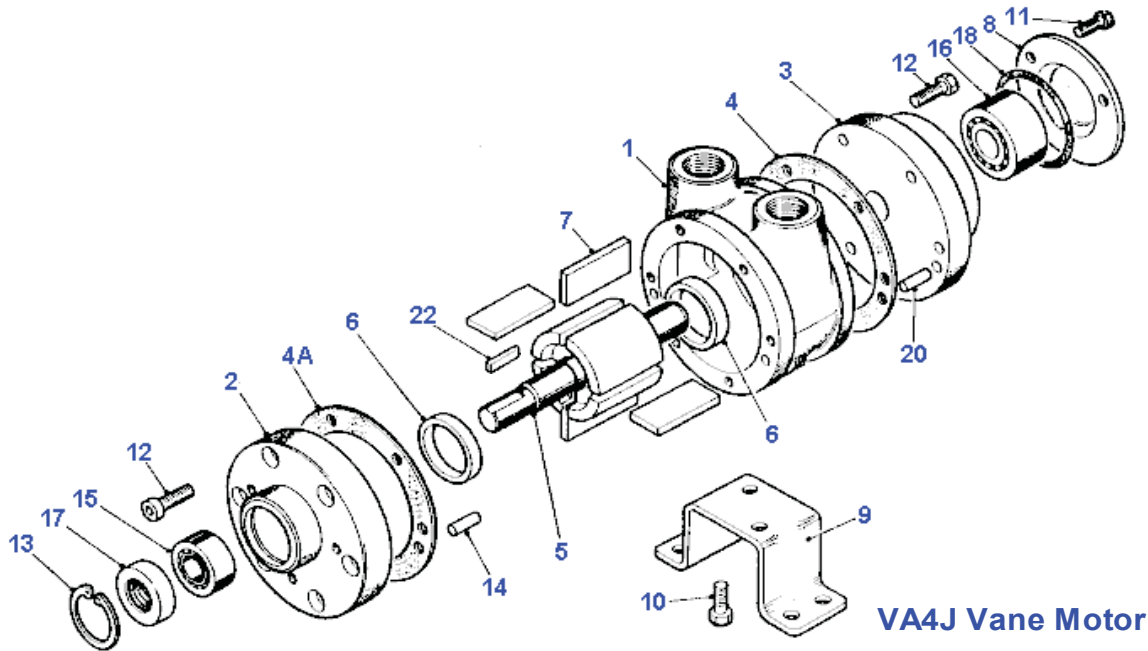


VA4C Vane Motor

If unit is pre 1990 supply consult manufacturer to confirm design

| <u>Item</u> | <u>Part No.</u> | <u>Description</u> | <u>Qty</u> | <u>Kit No.</u> |
|-------------|-----------------|--------------------|------------|----------------|
| 01 | 720-001 | BSP Body | 1 | |
| 02 | 740-518 | Front Plate NEMA | 1 | |
| 03 | 740-002 | End Plate | 1 | |
| 04 | - | Gasket | 2 | 749-910 |
| 05 | 740-910 | Rotor Shaft Assy | 1 | |
| 06 | 740-006 | Ejection Ring | 2 | |
| 07 | - | Blades | 4 | 749-910 |
| 08 | 740-008 | Cover Plate | 1 | |
| 09-1 | - | Gasket | 1 | 749-910 |
| 09-2 | - | Gasket | 1 | 749-910 |
| 09-3 | - | Gasket | 1 | 749-910 |
| 11 | 802-001 | Screw | 3 | |
| 12 | 809-007 | Cap Screw | 12 | |
| 13 | - | Circlip | 1 | 749-910 |
| 14 | 806-024 | Dowel | 4 | |
| 15 | 807-025 | Bearing | 1 | |
| 16 | 807-028 | Bearing | 1 | |
| 17 | - | Oil Seal | 1 | 749-910 |
| 18 | - | O Ring | 1 | 749-910 |
| 20 | 720-100 | Seal Backing Ring | 1 | |
| 22 | 811-020 | Key | 1 | |
| | 749-910 | V4 Seal Kit | | |
| | 820-024 | Silencer 1/2 NPT | 1 | |

VA4J / VA4X Motor Spare Parts List

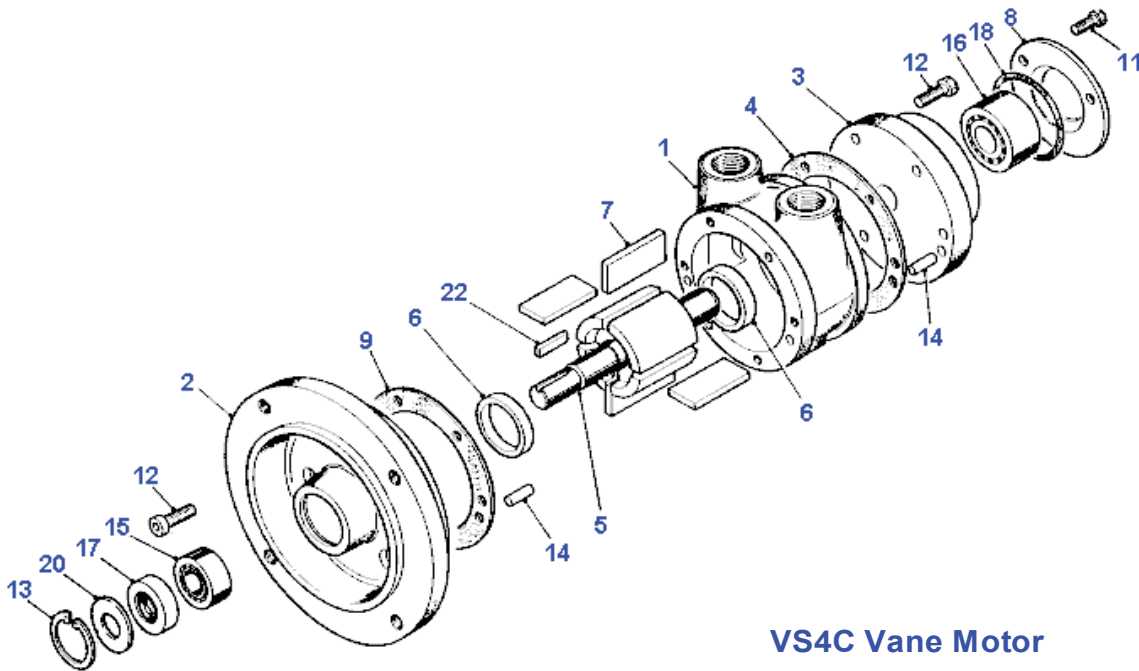


VA4J Vane Motor

If unit is pre 1990 supply consult manufacturer to confirm design

| Item | Part No. | Description | Qty | Kit No. |
|-------|----------|------------------|-----|---------|
| 01 | 740-001 | Body | 1 | |
| 02 | 740-003 | Front Plate | 1 | |
| 03 | 740-002 | End Plate | 1 | |
| 04 | - | Gasket | 2 | 749-910 |
| 04A-1 | - | Gasket | 1 | 749-910 |
| 04A-2 | - | Gasket | 1 | 749-910 |
| 04A-3 | - | Gasket | 1 | 749-910 |
| 05 | 740-911 | Rotor Shaft Assy | 1 | |
| 06 | 740-006 | Ejection Ring | 2 | |
| 07 | - | Blades | 4 | 749-910 |
| 08 | 740-008 | Cover Plate | 1 | |
| 09 | 740-023 | Foot | 1 | |
| 10 | 802-011 | Screw | 4 | |
| 11 | 802-001 | Screw | 3 | |
| 12 | 809-007 | Cap Screw | 12 | |
| 13 | - | Circlip | 1 | 749-910 |
| 14 | 806-024 | Dowel | 2 | |
| 15 | 807-027 | Bearing | 1 | |
| 16 | 807-028 | Bearing | 1 | |
| 17 | - | Oil Seal | 1 | 749-910 |
| 18 | - | O Ring | 1 | 749-910 |
| 20 | 806-032 | Dowel | 2 | |
| 22 | 811-023 | Key | 1 | |
| | 749-910 | V4 Seal Kit | | |
| | 820-024 | Silencer 1/2 NPT | 1 | |

VS4C Motor Spare Parts List



VS4C Vane Motor

If unit is pre 1990 supply consult manufacturer to confirm design

| Item | Part No. | Description | Qty | Kit No. |
|------|----------|-------------------|-----|---------|
| 01 | 740-101 | Body BSP | 1 | |
| 02 | 740-535 | Front Plate D71 | 1 | |
| 03 | 740-002 | End Plate | 1 | |
| 04 | - | Gasket | 2 | 749-910 |
| 05 | 740-920 | Rotor Shaft Assy | 1 | |
| 06 | 740-006 | Ejection Ring | 2 | |
| 07 | - | Blades | 4 | 749-910 |
| 08 | 740-008 | Cover Plate | 1 | |
| 09-1 | - | Gasket | 1 | 749-910 |
| 09-2 | - | Gasket | 1 | 749-910 |
| 09-3 | - | Gasket | 1 | 749-910 |
| 11 | 802-001 | Screw | 3 | |
| 12 | 809-007 | Cap Screw | 12 | |
| 13 | - | Circlip | 1 | 749-910 |
| 14 | 806-024 | Dowel | 4 | |
| 15 | 807-025 | Bearing | 1 | |
| 16 | 807-028 | Bearing | 1 | |
| 17 | - | Oil Seal | 1 | 749-910 |
| 18 | - | O Ring | 1 | 749-910 |
| 20 | 720-100 | Seal Backing Ring | 1 | |
| 22 | 811-027 | Key | 1 | |
| | 749-910 | V4 Seal Kit | | |
| | 820-004 | Silencer 1/2 BSP | 1 | |