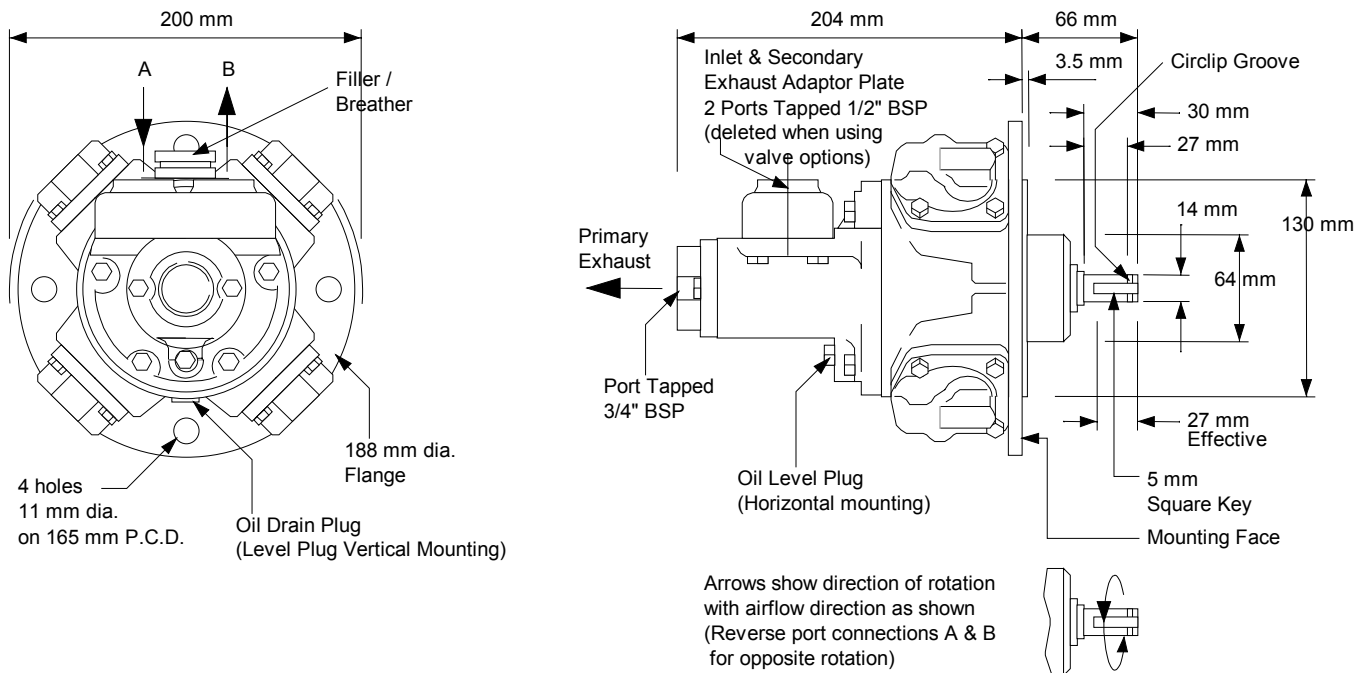
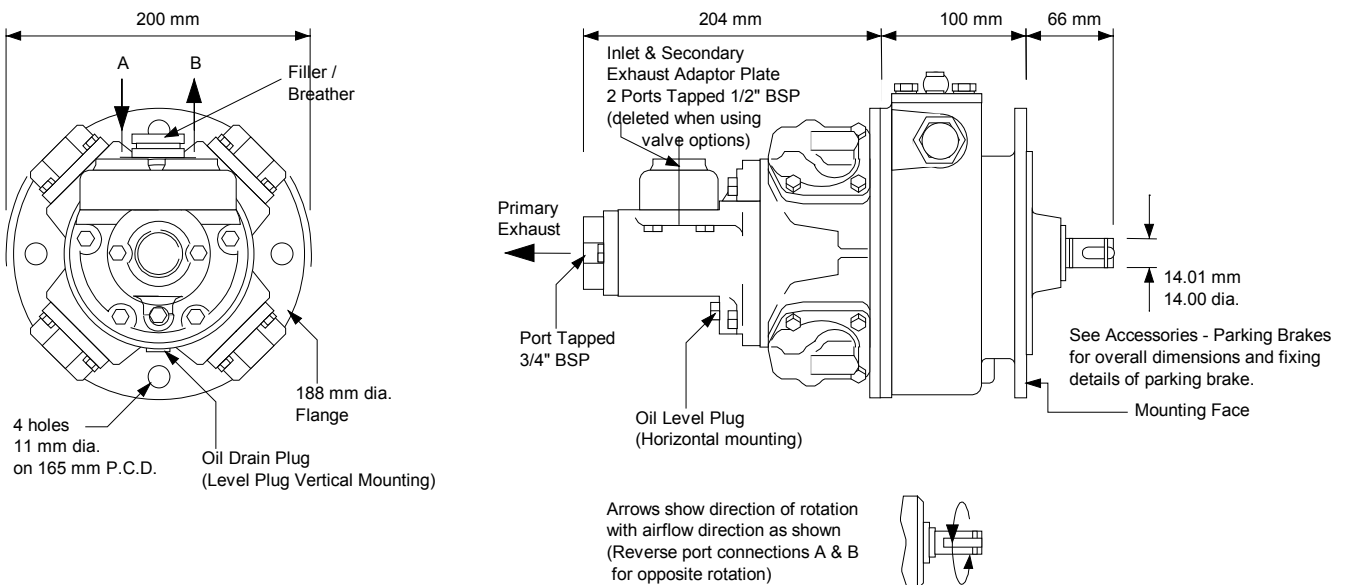


GLOBE RM110 radial piston air motor

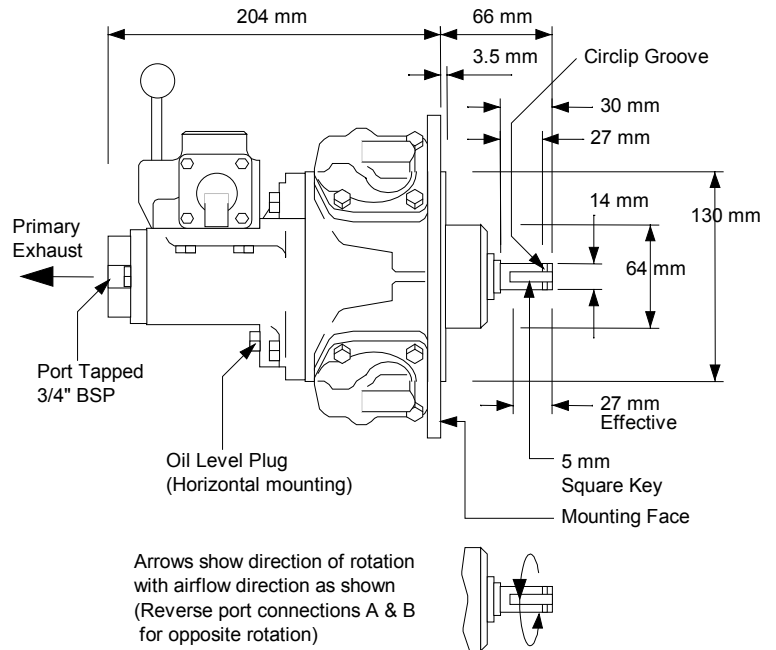
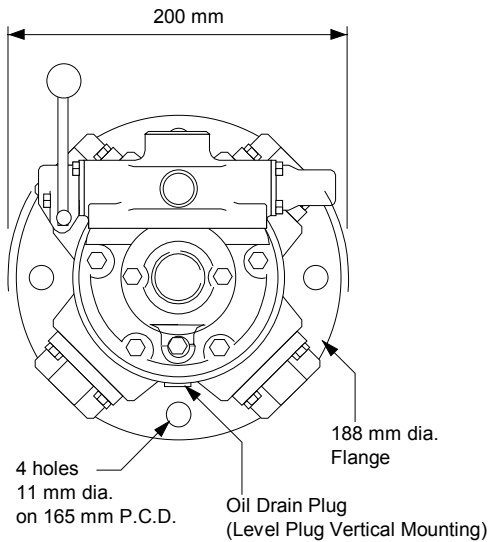


GLOBE RM110 radial piston air motor + brake

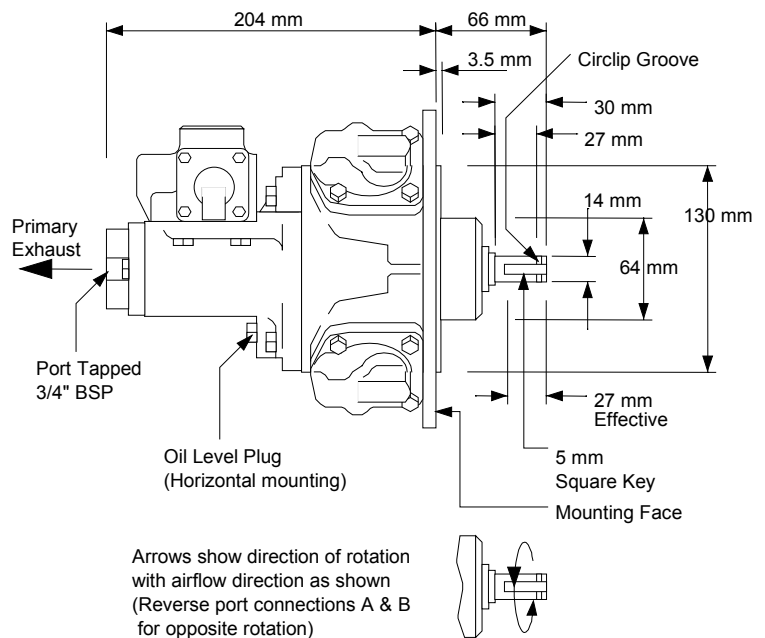
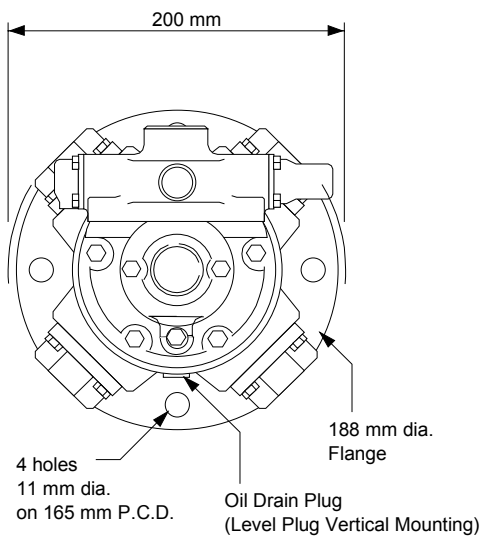


GLOBE RM110 radial piston air motor

GLOBE RM110 radial piston air motor + HCV

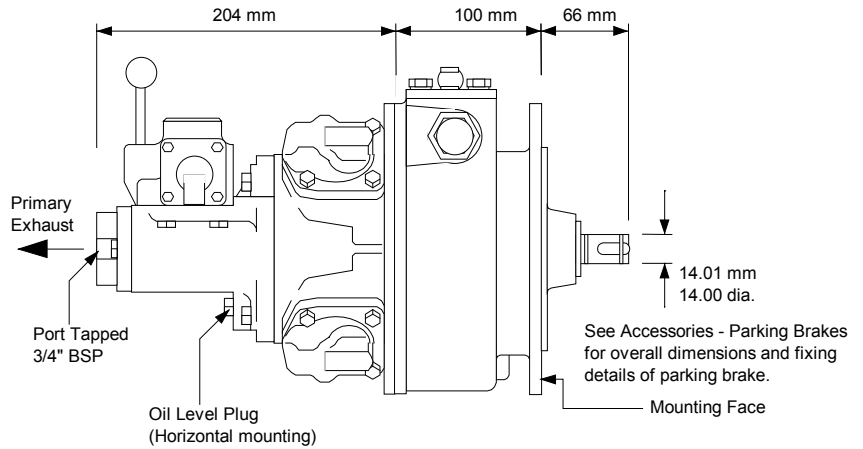
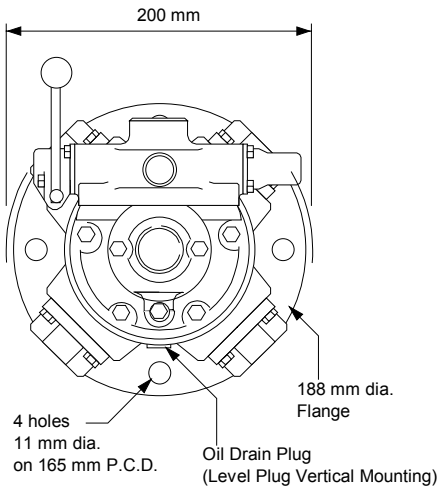


GLOBE RM110 radial piston air motor + RCV

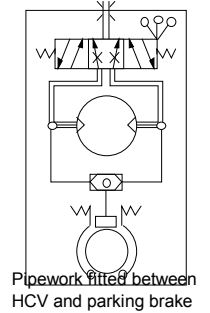




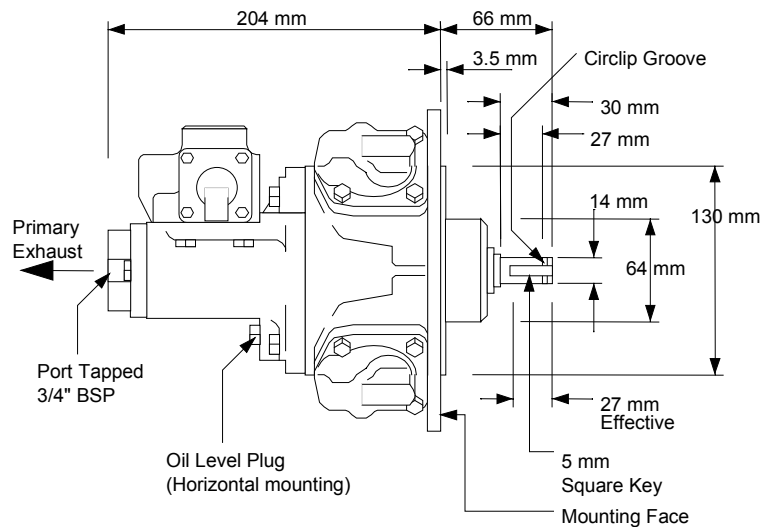
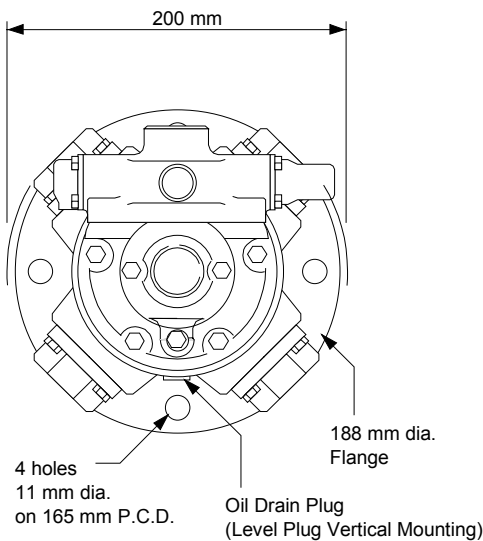
GLOBE RM110 radial piston air motor + brake + HCV



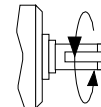
Arrows show direction of rotation with airflow direction as shown (Reverse port connections A & B for opposite rotation)

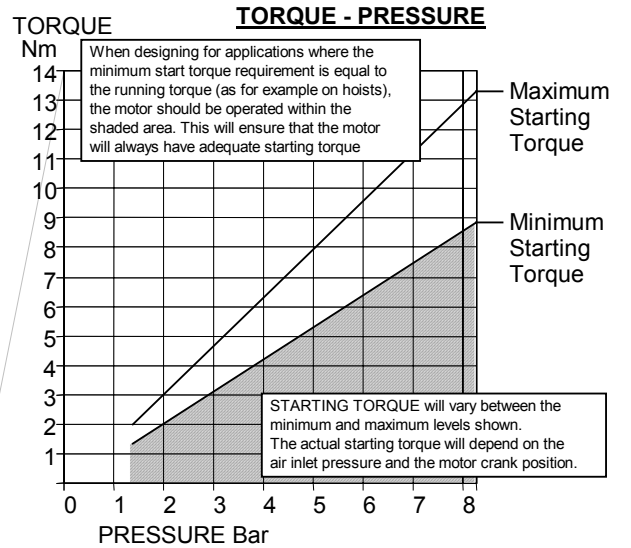
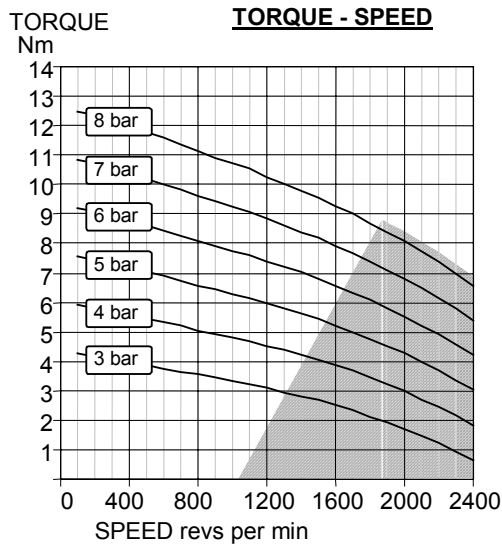


GLOBE RM110 radial piston air motor + brake + RCV

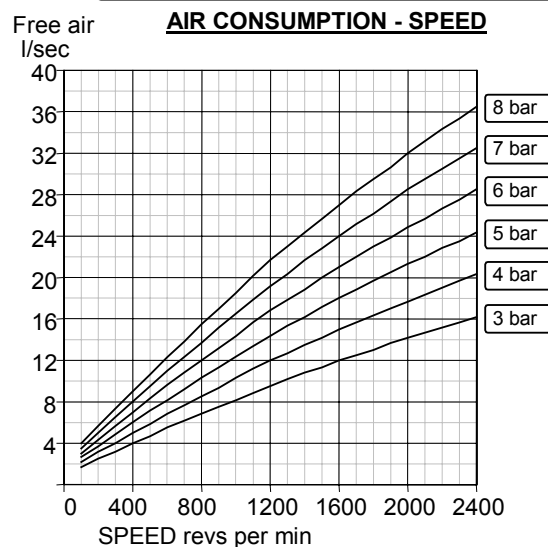
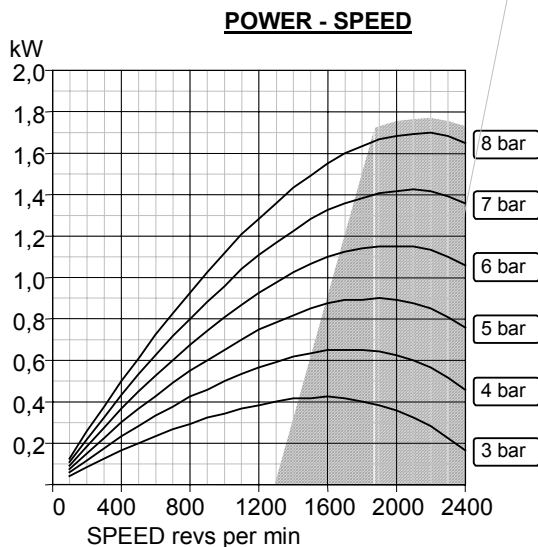


Arrows show direction of rotation with airflow direction as shown (Reverse port connections A & B for opposite rotation)



Performances GLOBE RM110 radial piston air motor
Gearbox ratio None Maximum continuous speed 2400 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.



It is desirable that the motor's continuous operating speed is close as possible to the speed at which PEAK POWER is since this gives optimum performance and air

LUBRICATING OIL CAPACITIES

Horizontal 75ml Vertical 150ml
Use a good quality hydraulic oil with a viscosity of around 100cSt (460SSU) at 40°C (104°F)

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 3-4 drops/minute continuous operation
Lubricator drop rate 6-8 drops/minute intermittent operation

GENERAL DATA

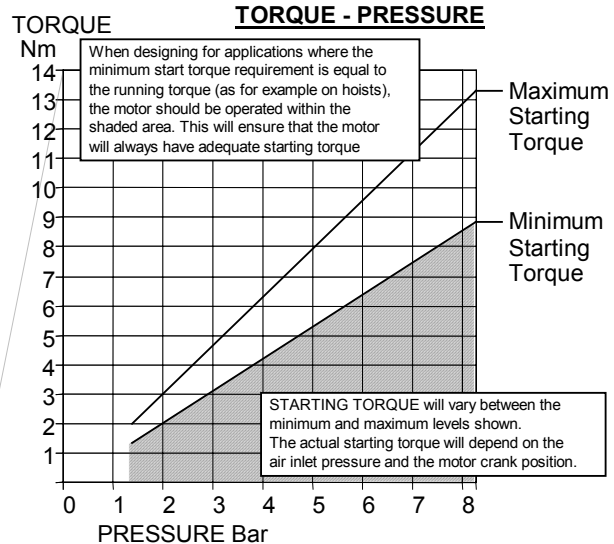
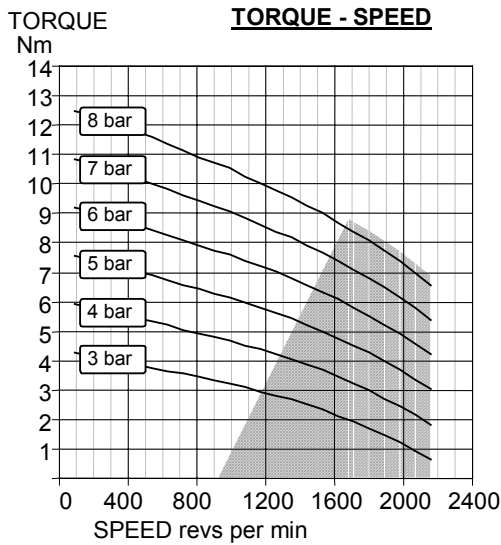
MASS (motor only) 13 kgs (28.7 lbs)
MOMENT OF INERTIA of rotating parts 0.01 gm² (motor or
MAX OVERHUNG FORCE on motor shaft 445 N (100 lbf)
TEMPERATURE RANGE -20°C to +80°C (-4°F to +176°F)



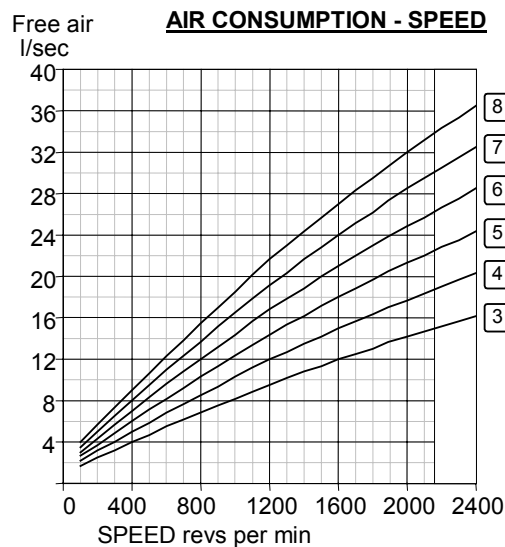
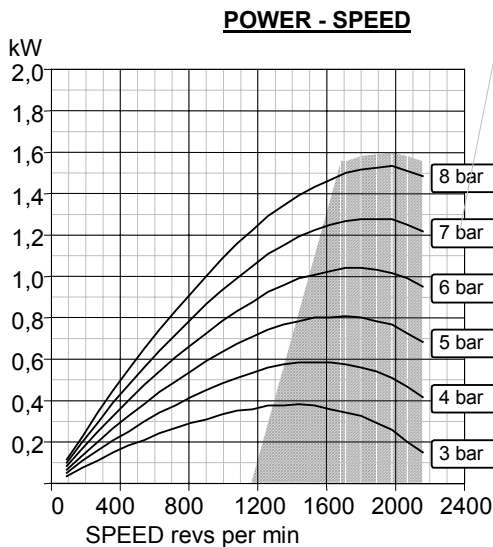
Performances GLOBE RM110 radial piston air motor + valve (RCV or HCV)

**Gearbox ratio None
Contol valve fitted**

Maximum continuous speed 2160 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.



It is desirable that the motor's continuous operating speed is close as possible to the speed at which PEAK POWER is since this gives optimum performance and air

LUBRICATING OIL CAPACITIES

Horizontal 75ml Vertical 150ml
Use a good quality hydraulic oil with a viscosity of around 100cSt (460SSU) at 40°C (104°F)

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 3-4 drops/minute continuous operation
Lubricator drop rate 6-8 drops/minute intermittent operation

GENERAL DATA

MASS (motor only) 13 kgs (28.7 lbs)
MOMENT OF INERTIA of rotating parts 0.01 gm² (motor or MAX OVERHUNG FORCE on motor shaft 445 N (100 lbf)
TEMPERATURE RANGE -20°C to +80°C (-4°F to +176°F)