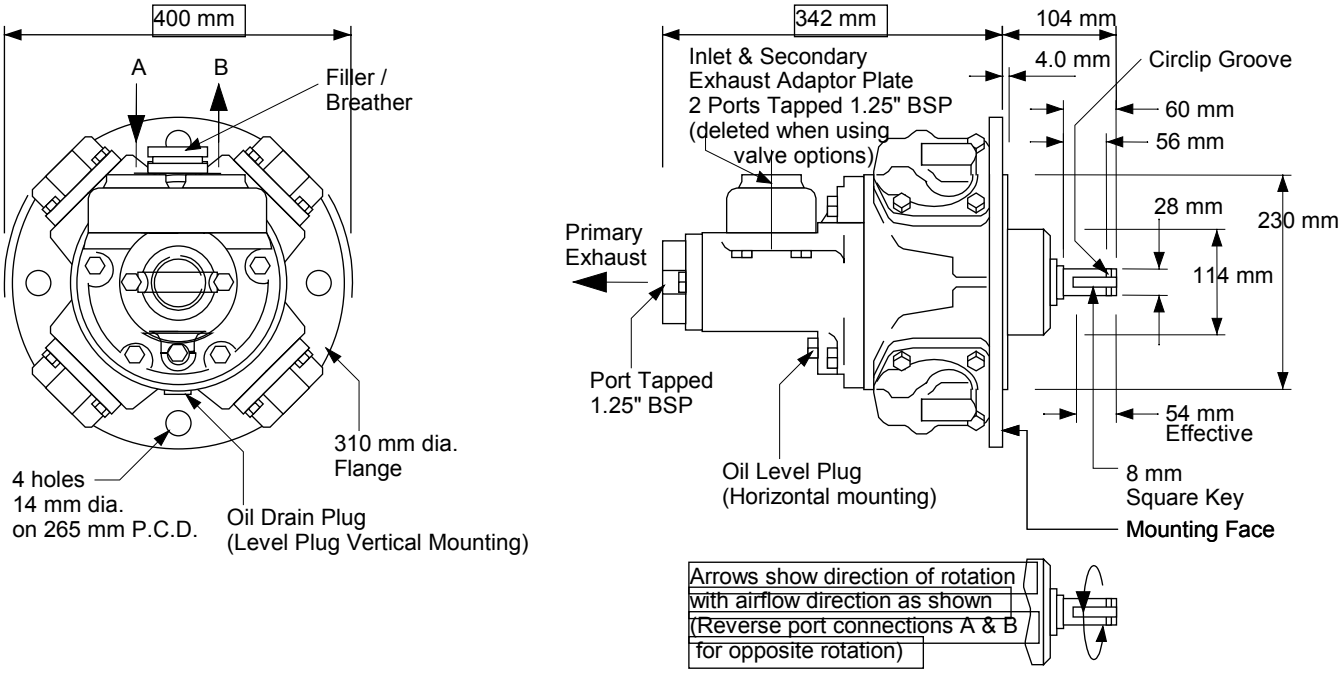
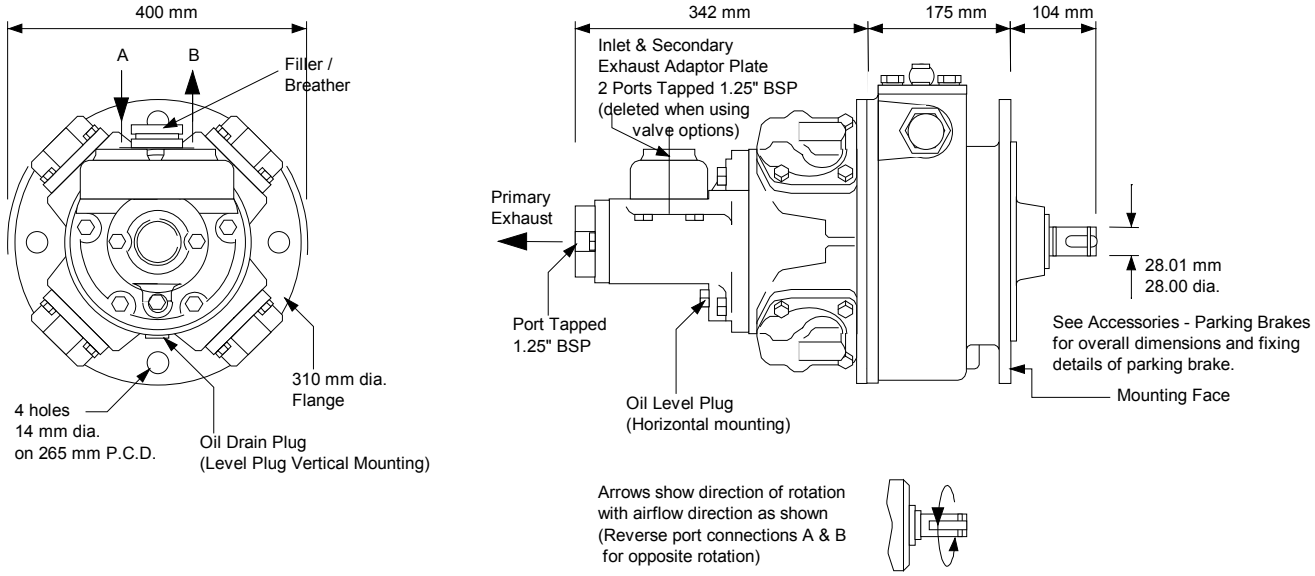
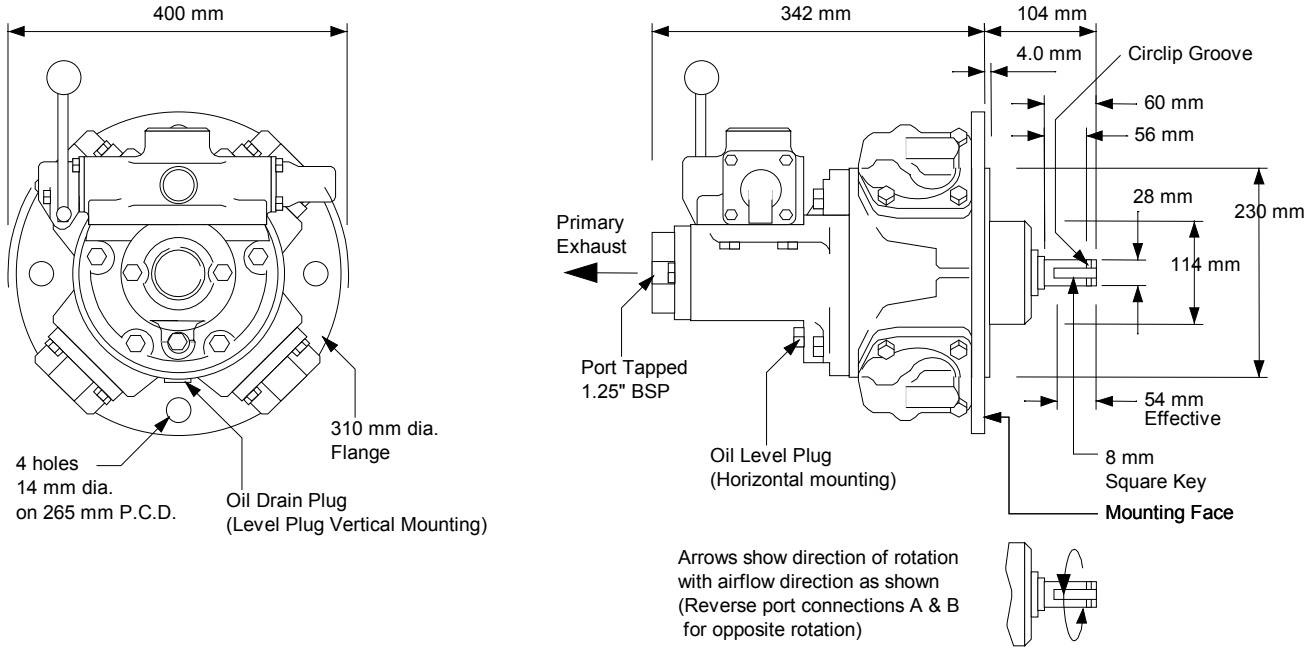
GLOBE RM410 radial piston air motor



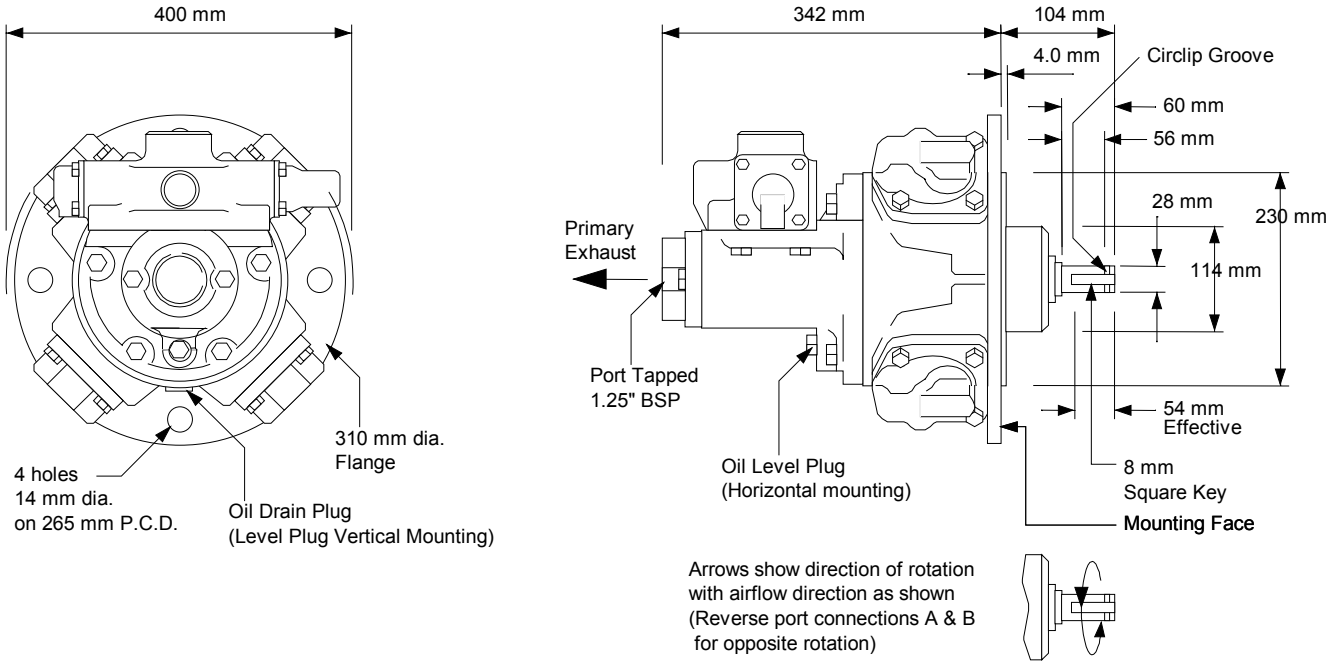
GLOBE RM410 radial piston air motor + brake



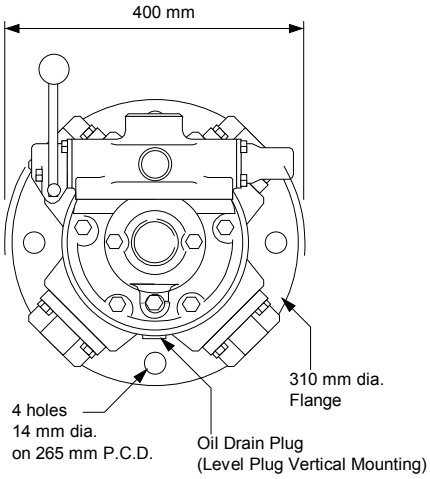
GLOBE RM410 radial piston air motor + HCV

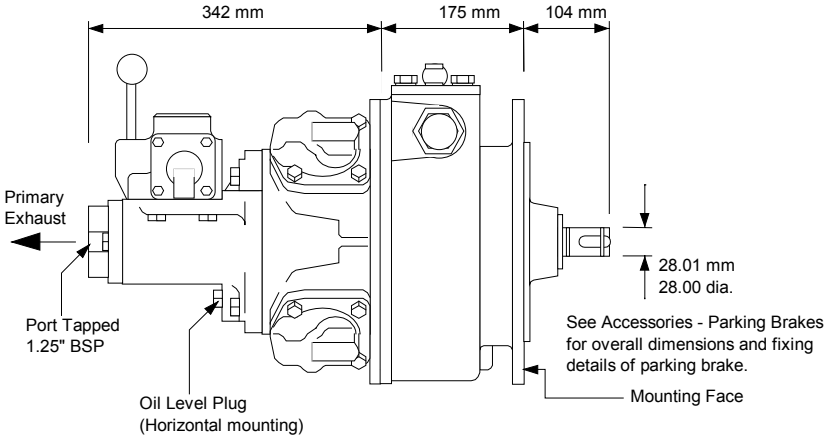


GLOBE RM410 radial piston air motor + RCV

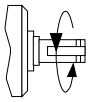


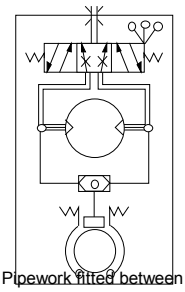
GLOBE RM410 radial piston air motor + brake + HCV





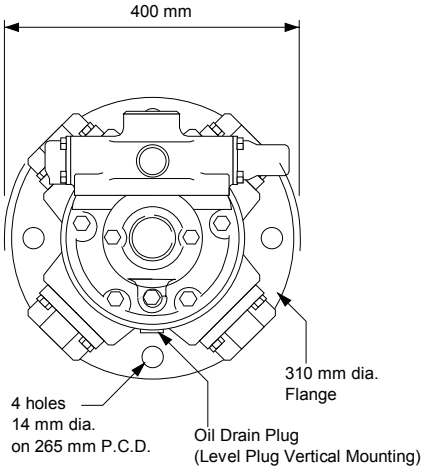
Arrows show direction of rotation
with airflow direction as shown
(Reverse port connections A & B
for opposite rotation)

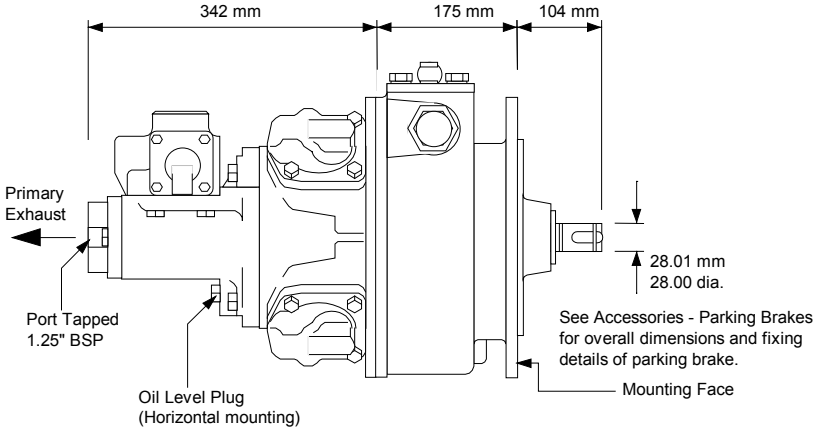




Pipework fitted between
HCV and parking brake

GLOBE RM410 radial piston air motor + brake + RCV





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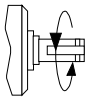
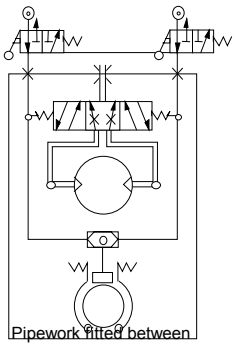
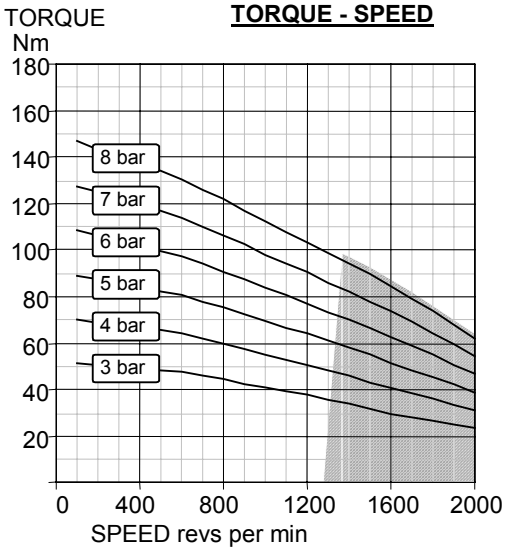




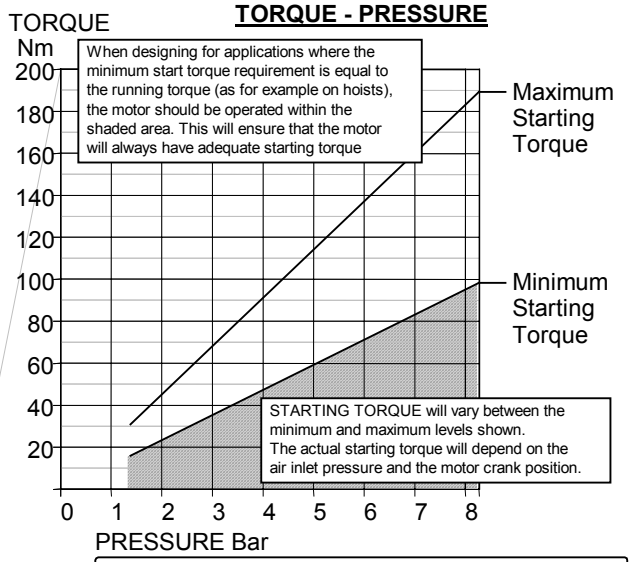
Performances GLOBE RM410 radial piston air motor

Gearbox ratio None Maximum continuous speed 2000 rpm

TORQUE - SPEED

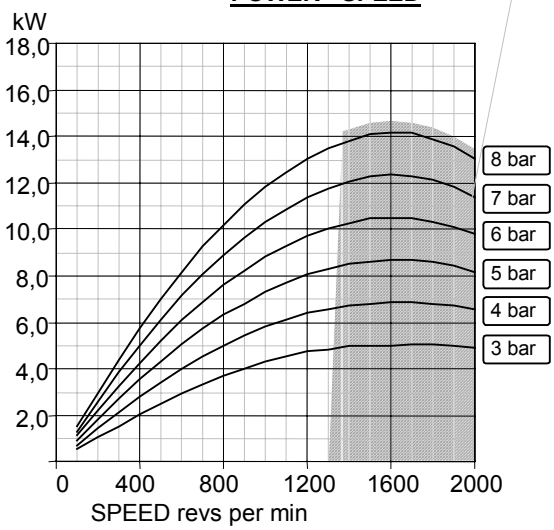


TORQUE - PRESSURE

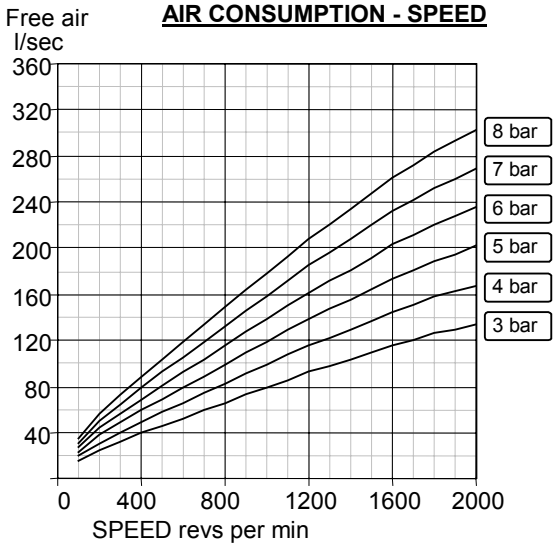


A pressure regulator should be used to control the air pressure to the motor, to limit the maximum output torque applied to the driven assembly.

POWER - SPEED



AIR CONSUMPTION - SPEED



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 500ml Vertical 940ml
Use a goood quality hydraulic oil with a viscosity of around 100cSt (460SSU) at 40°C (104°F)

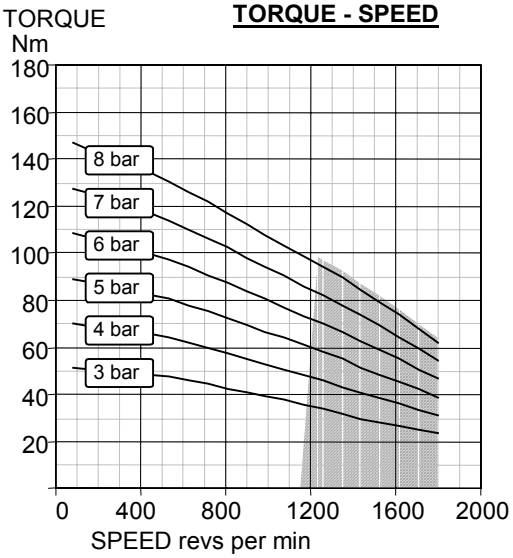
AIRLINE FILTRATION AND LUBRICATION
Use 64 micron filtration or better. Choose a lubricator suitable for the flow required. Prior to initial start-up, inject oil into the inlet port.
Lubricator drop rate 6-8 drops/minute continuous operation
Lubricator drop rate 12-16 drops/minute intermittent operation

GENERAL DATA
MASS (motor only) 62 kgs (137 lbs)
MOMEMT OF INERTIA of rotating parts 4.1 gm² (motor only)
MAX OVERHUNG FORCE on motor shaft 1330 N (300 lbf)
TEMPERATURE RANGE -20°C to +80°C (-4°F to +176°F)

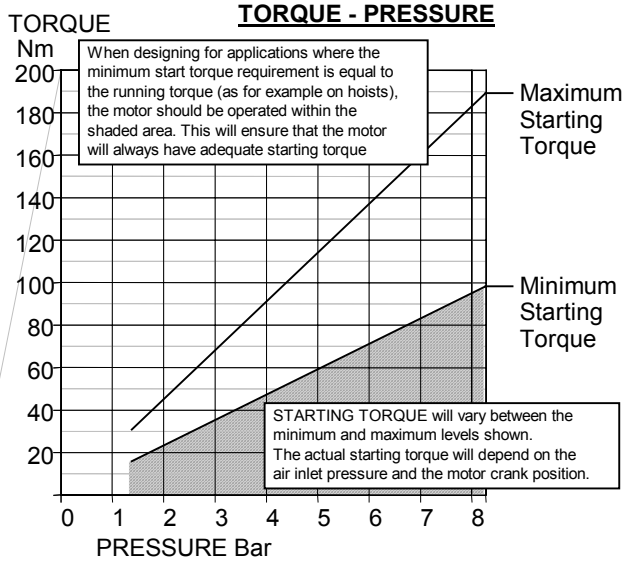
Performances GLOBE RM410 radial piston air motor + valve (RCV or HCV)

Gearbox ratio None **Maximum continuous speed 1800 rpm**
Contol valve fitted

TORQUE - SPEED



TORQUE - PRESSURE



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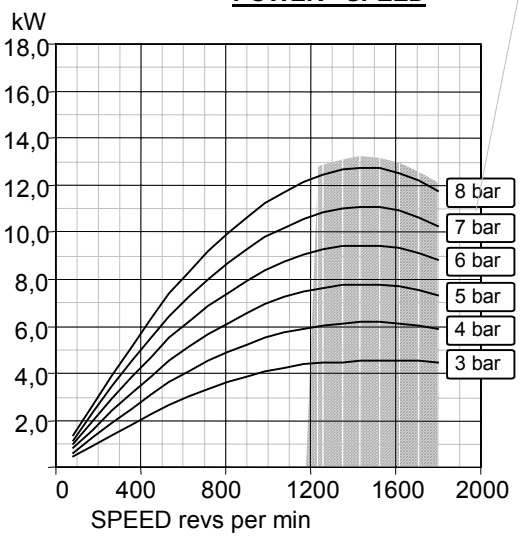
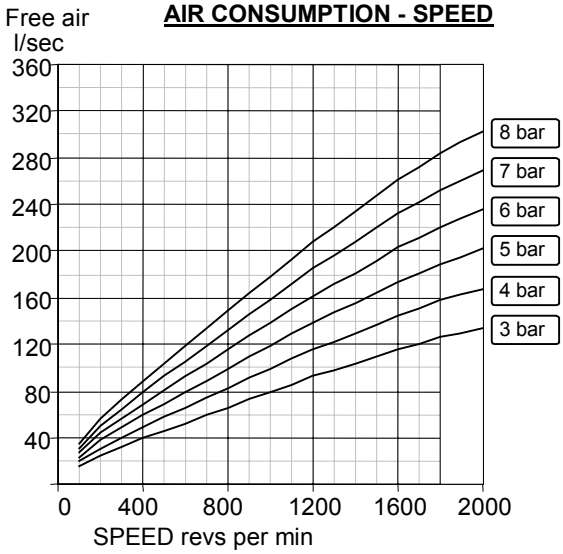
POWER - SPEED



AIR CONSUMPTION - SPEED



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