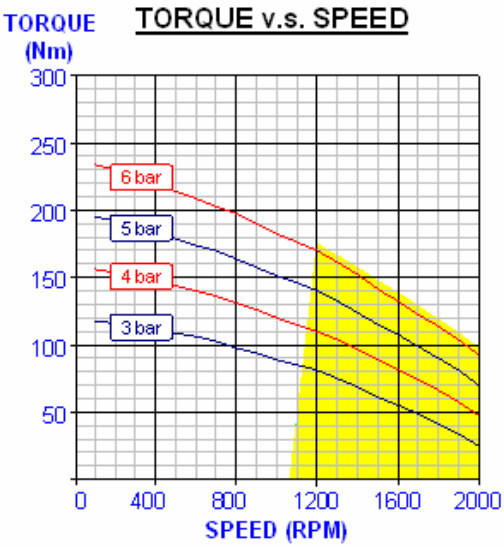
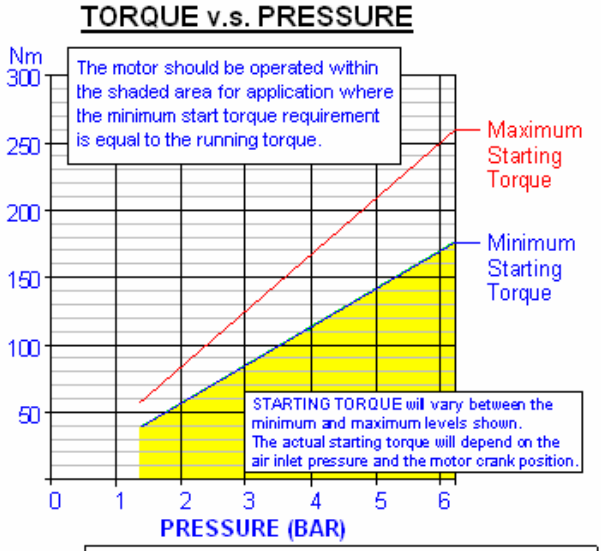
TONSON
SINCE1966 *Realizing Clever Conceptions*

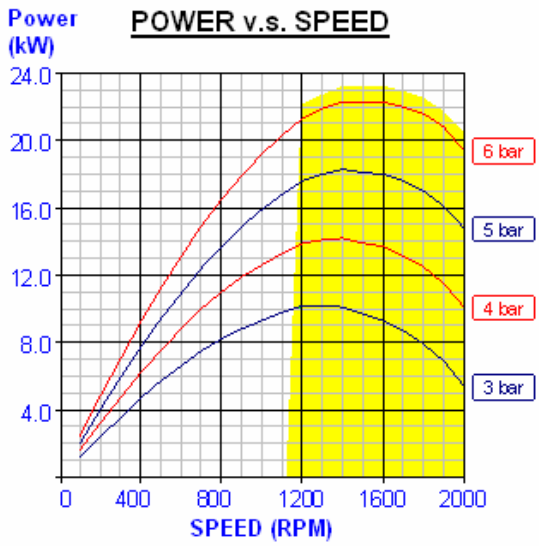
PISTON AIR MOTOR

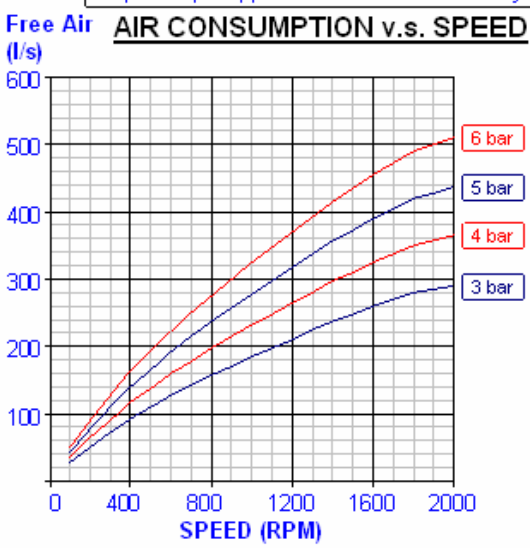
M18 Performance 32 HP 155 N▪m 1,500 RPM





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.





Motor should be operating at speed as close as possible to the speed at which PEAK POWER is achieved to give optimum performance and air consumption.

LUBRICATING OIL CAPACITIES

Horizontal: 1.1 l Vertical: 2.1 l
Use good quality hydraulic oil with a viscosity of around 100 cSt (460 SSU) at 40'C

AIRLINE FILTRATION & LUBRICATION

Use 64 micron filtration or better.
Inject oil into the inlet port prior to initial start-up.
Lubricator drop rate at 3 to 4 drops/min for continuous operation
Lubricator drop rate at 6 to 10 drops/min for intermittent operation

GENERAL DATA

Mass (motor only): 125 kgs (275 lbs)
Max. Overhung Force on Motor Shaft: 6500 N (1460 lbf)