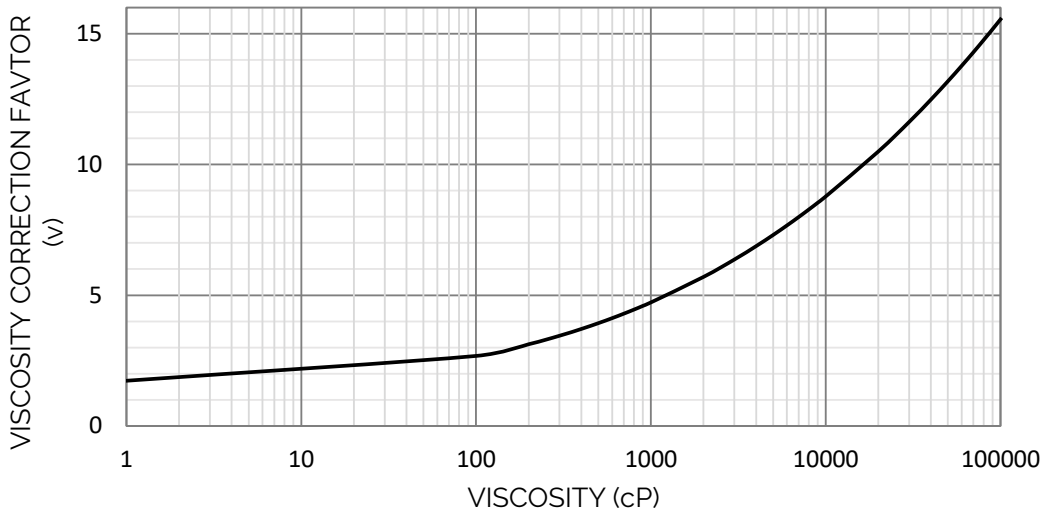
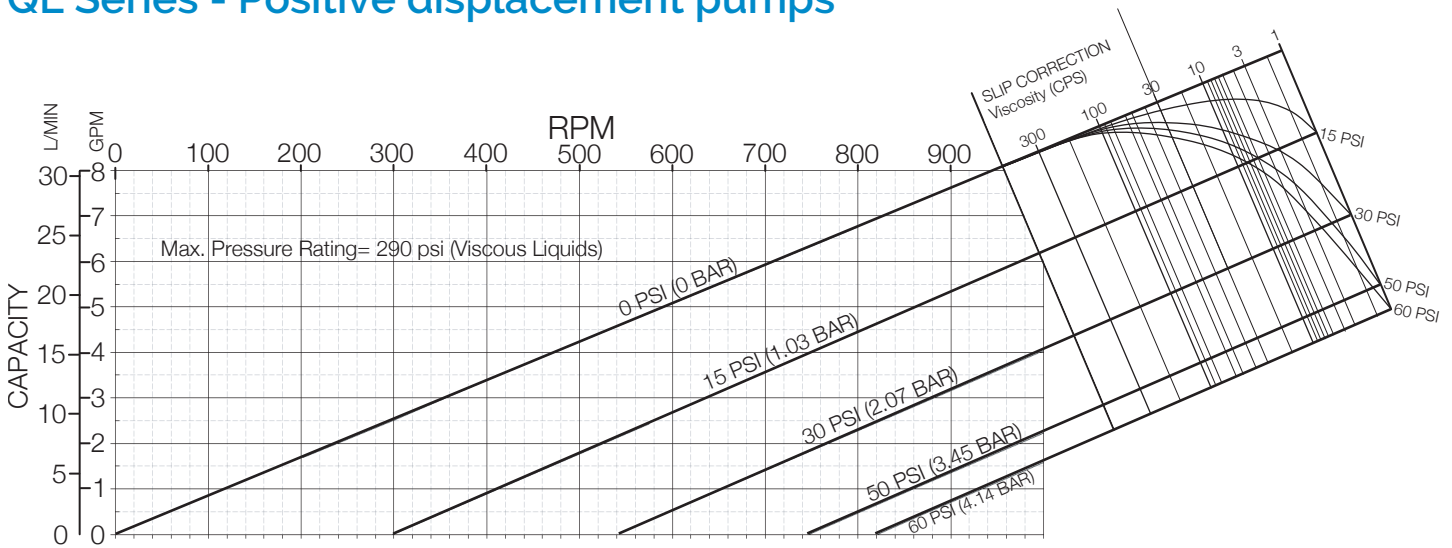


# QL Series - Positive displacement pumps



QL Series  
Model QL A10

Standard Clearances  
Standard Port Size = 1.0"  
Displacement =  
0.008 Gal/Rev  
0.031 L/Rev

Total Power:

$$hp = (.0007 \cdot P + .0051 \cdot v) \cdot N \cdot C$$

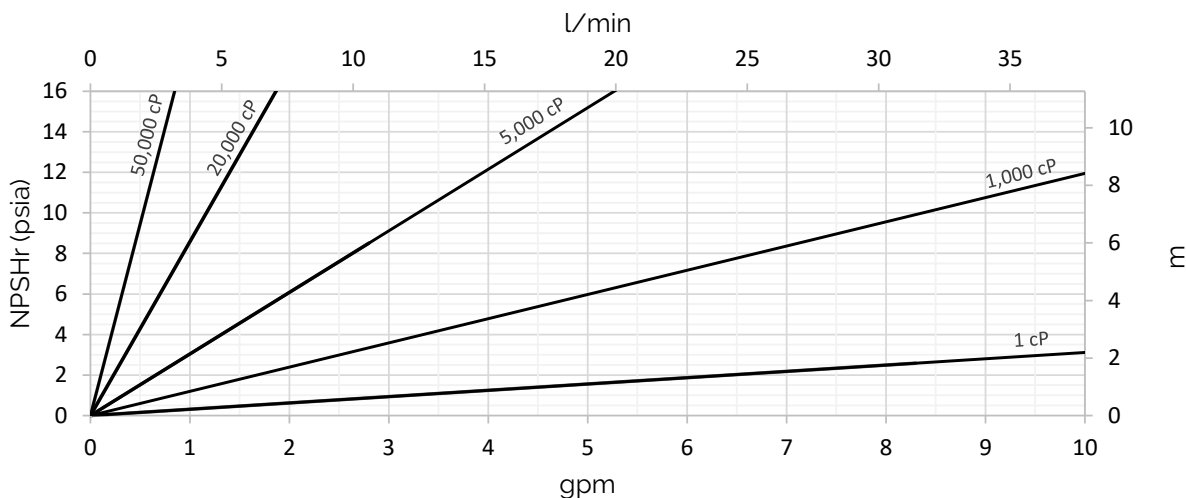
$$kW = \frac{(2 \cdot P + v) \cdot N \cdot C}{1000}$$

Where:

- P** = pressure (psi or bar)
- v** = viscosity correction factor (from graph)
- N** = speed (RPM)
- C** = displacement (G/rev. or L/rev)

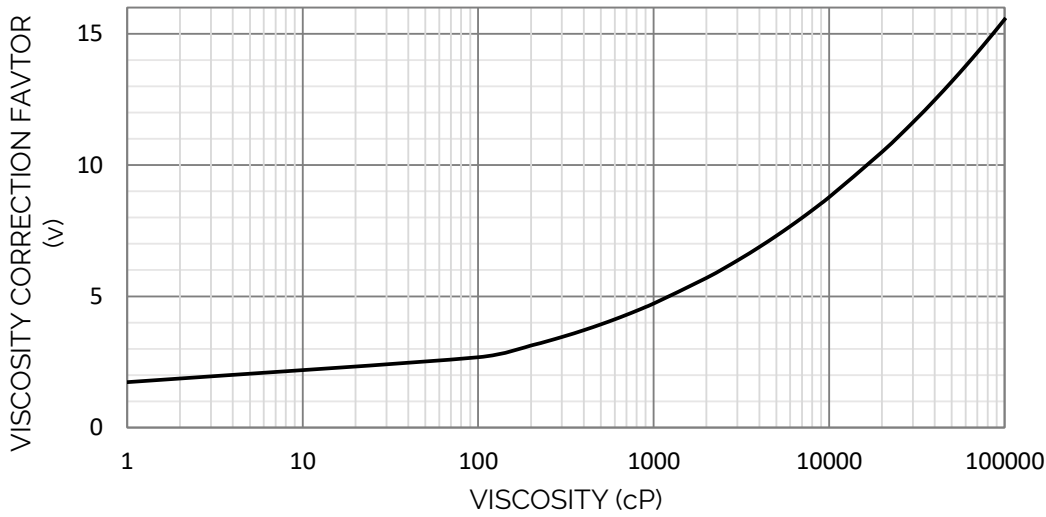
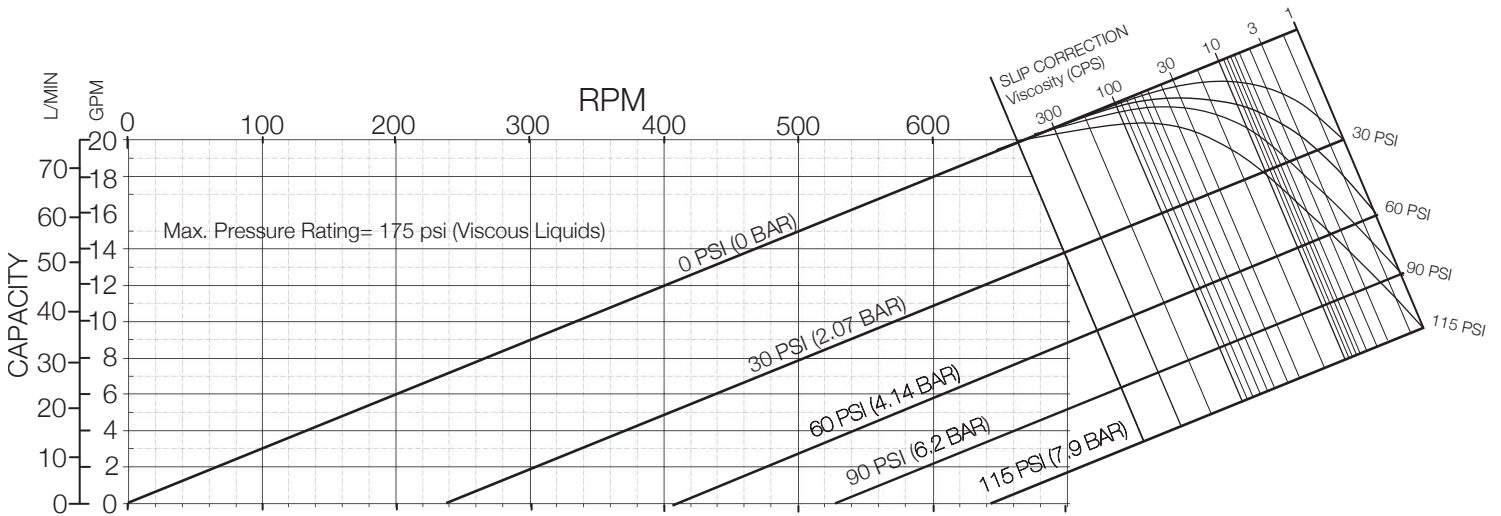
Operating Specifications:

- 0-1000 RPM Range
- 290 PSI (20 bar) Max. Pressure
- Temperature Range -40 °F (-40°C) to 250 °F (121 °C)



Subject to change without notice

# QL Series - Positive displacement pumps



QL Series  
Model QL A15

Standard Clearances  
Standard Port Size = 1.5"  
Displacement =  
0.030 Gal/Rev  
0.113 L/Rev

Operating Specifications:  
 • 0-800 RPM Range  
 • 175 PSI (12.07 bar) Max. Pressure  
 • Temperature Range  
 -40 °F (-40°C) to  
 250 °F (121 °C)

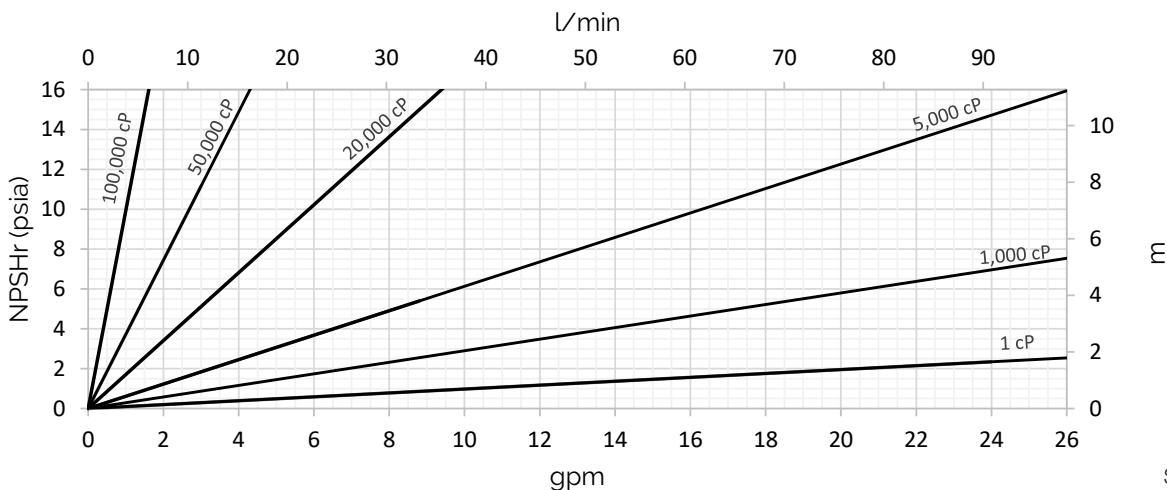
Total Power:

$$hp = (.0007 \cdot P + .0051 \cdot v) \cdot N \cdot C$$

$$kW = \frac{(2 \cdot P + v) \cdot N \cdot C}{1000}$$

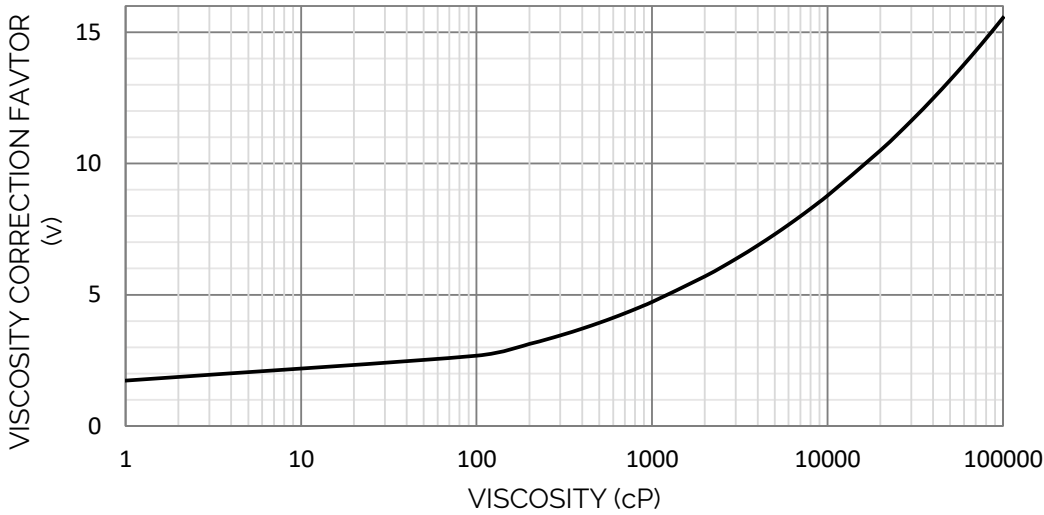
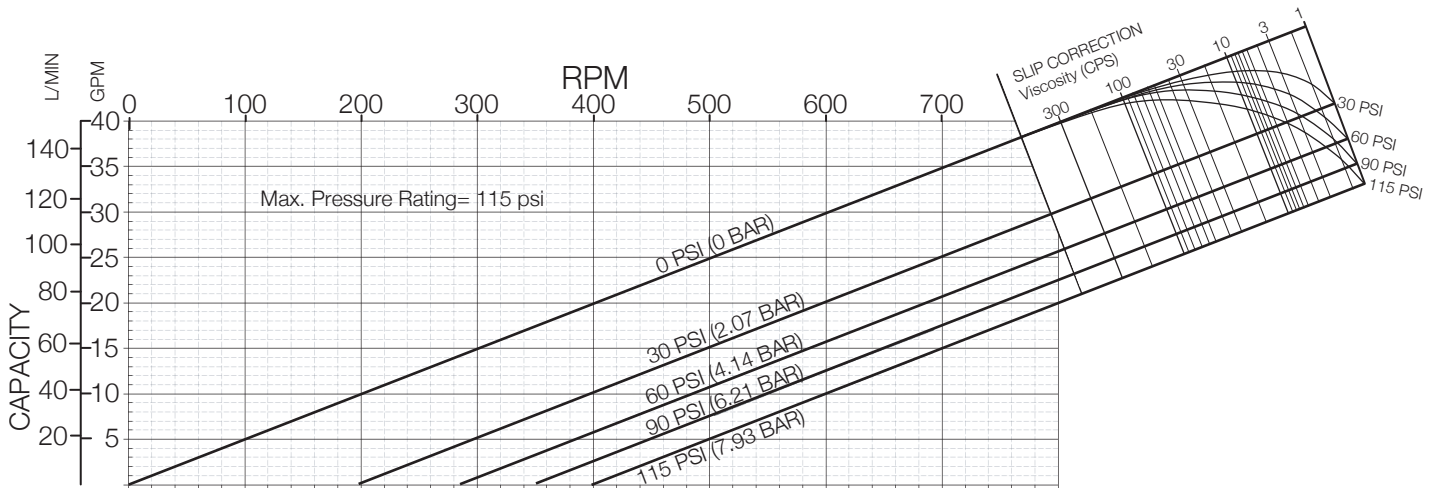
Where:

- P** = pressure (psi or bar)
- v** = viscosity correction factor (from graph)
- N** = speed (RPM)
- C** = displacement (G/rev. or L/rev)



Subject to change without notice

# QL Series - Positive displacement pumps



QL Series  
Model QL A20

Standard Clearances  
Standard Port Size = 2.0"

Displacement =  
0.053 Gal/Rev  
0.200 L/Rev

Total Power:

$$hp = (.0007 \cdot P + .0051 \cdot v) \cdot N \cdot C$$

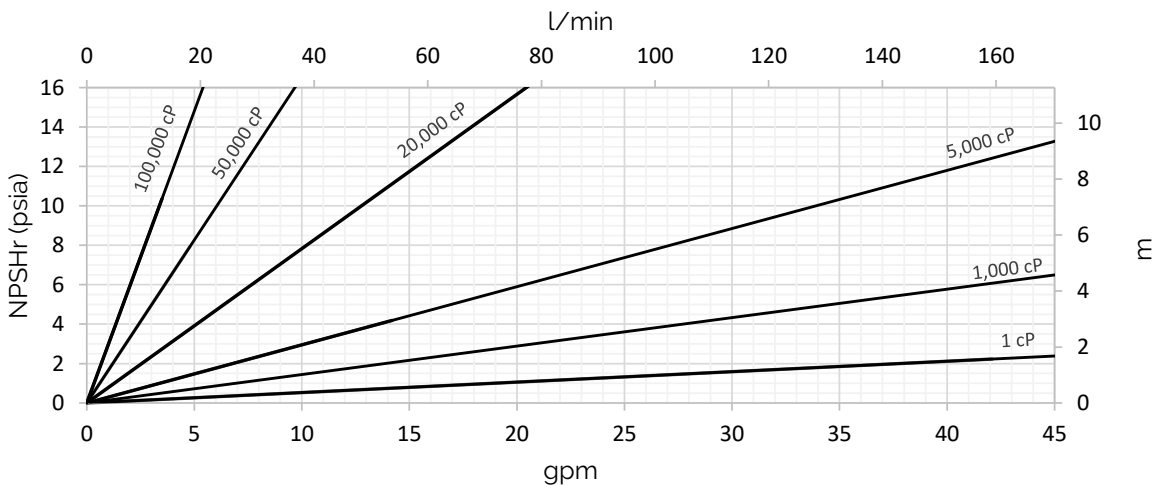
$$kW = \frac{(2 \cdot P + v) \cdot N \cdot C}{1000}$$

Where:

- P** = pressure (psi or bar)
- v** = viscosity correction factor (from graph)
- N** = speed (RPM)
- C** = displacement (G/rev. or L/rev)

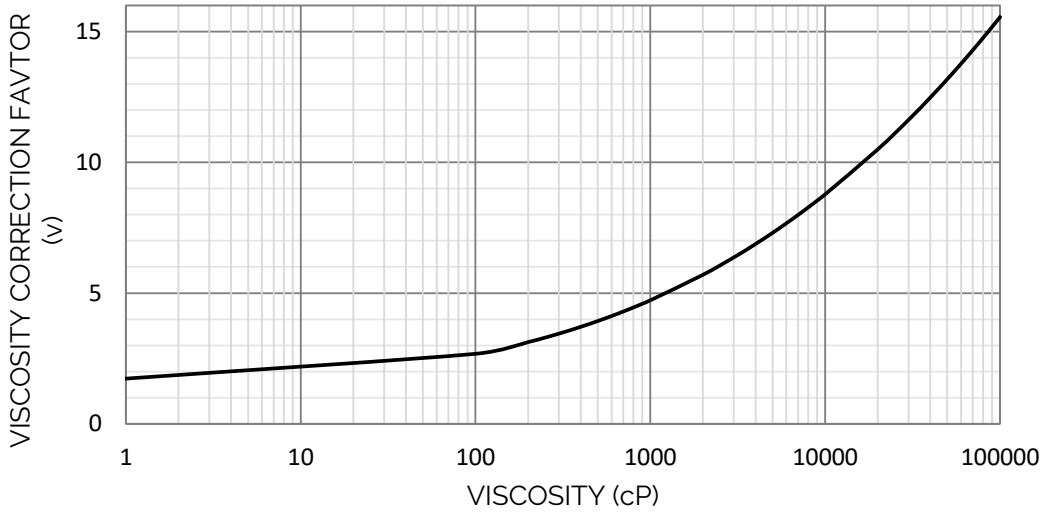
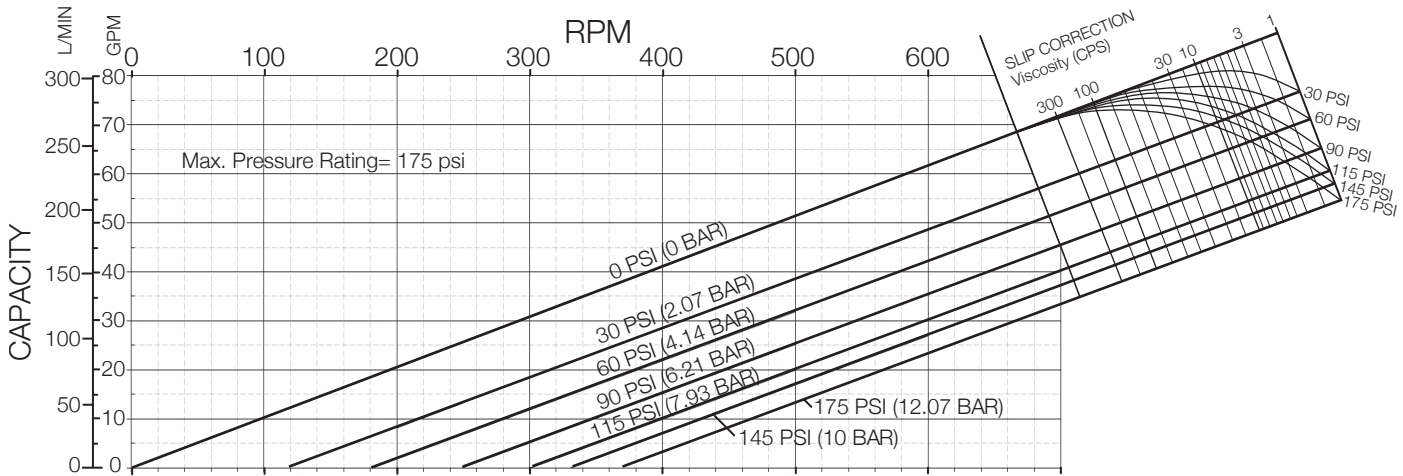
Operating Specifications:

- 0-800 RPM Range
- 115 PSI (7.93 bar) Max. Pressure
- Temperature Range  
-40 °F (-40°C) to  
250 °F (121 °C)



Subject to change without notice

# QL Series - Positive displacement pumps



QL Series  
Model QL B20

Standard Clearances  
Standard Port Size = 2.0"  
Displacement =  
0.103 Gal/Rev  
0.390 L/Rev

Operating Specifications:  
 • 0-700 RPM Range  
 • 175 PSI (12.07 bar) Max. Pressure  
 • Temperature Range  
 -40 °F (-40°C) to  
 250 °F (121 °C)

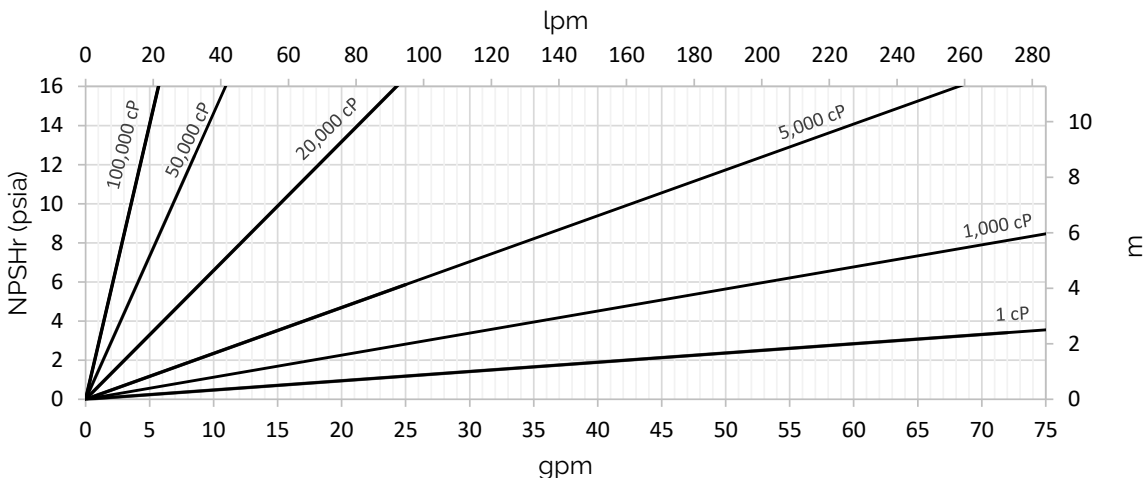
Total Power:

$$hp = (.0007 \cdot P + .0051 \cdot v) \cdot N \cdot C$$

$$kW = \frac{(2 \cdot P + v) \cdot N \cdot C}{1000}$$

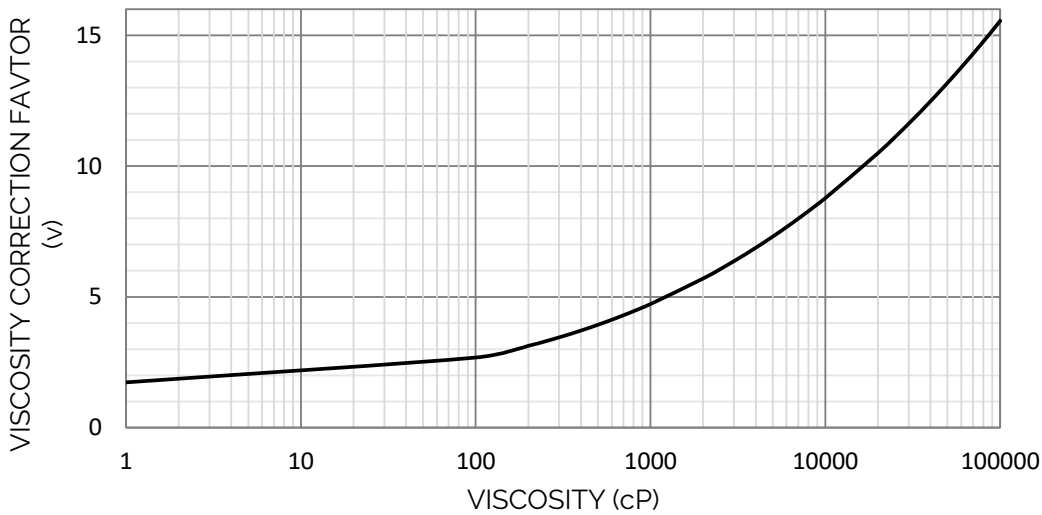
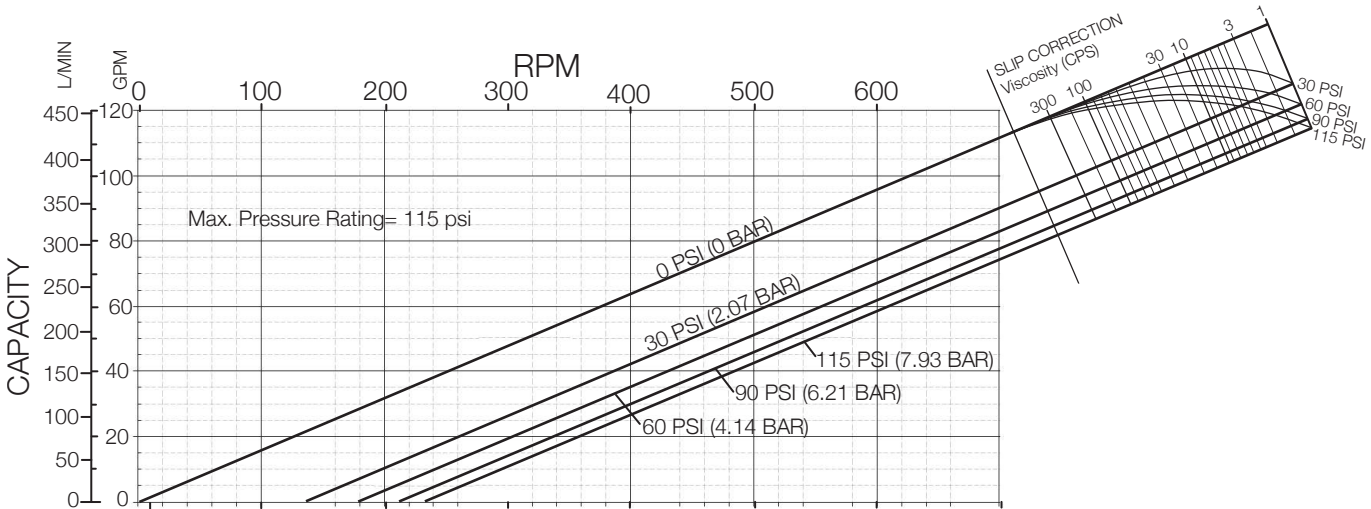
Where:

- P** = pressure (psi or bar)
- v** = viscosity correction factor (from graph)
- N** = speed (RPM)
- C** = displacement (G/rev. or L/rev)



Subject to change without notice

# QL Series - Positive displacement pumps



QL Series  
Model QL B25

Standard Clearances  
Standard Port Size = 2.5"  
Displacement =  
0.155 Gal/Rev  
0.589 L/Rev

Operating Specifications:  
 • 0-700 RPM Range  
 • 115 PSI (7.93 bar) Max. Pressure  
 • Temperature Range  
 -40 °F (-40°C) to  
 250 °F (121 °C)

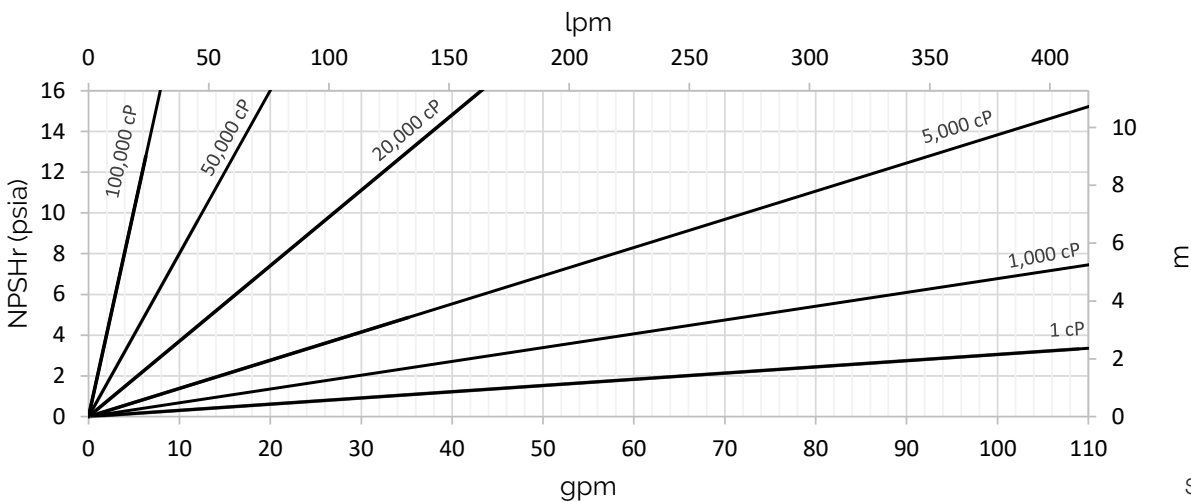
Total Power:

$$hp = (.0007 \cdot P + .0051 \cdot v) \cdot N \cdot C$$

$$kW = \frac{(2 \cdot P + v) \cdot N \cdot C}{1000}$$

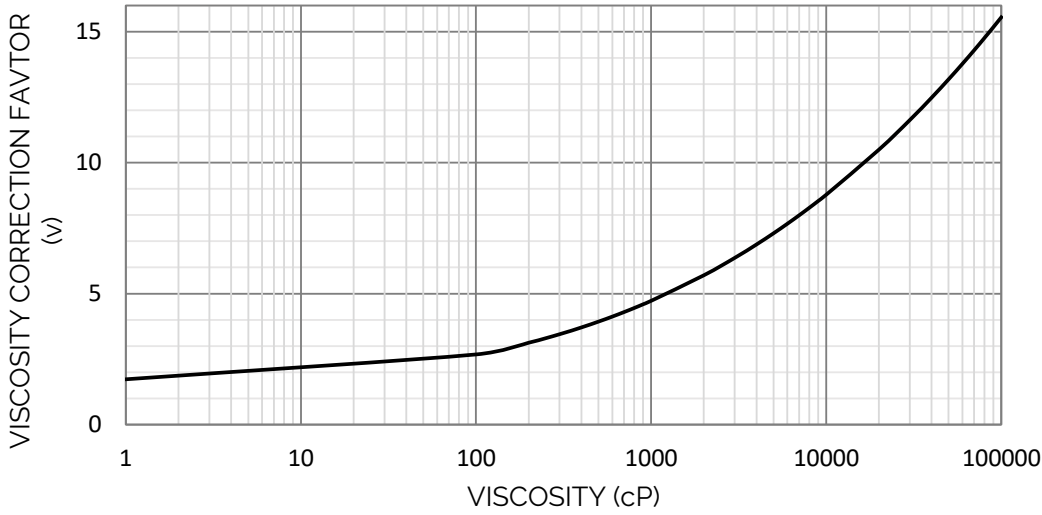
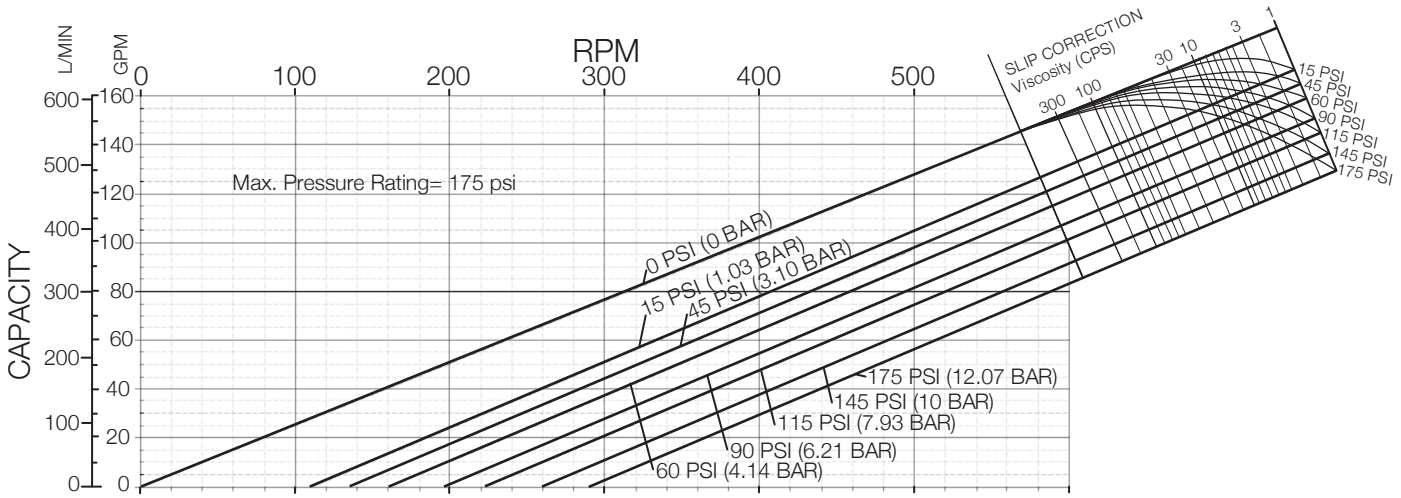
Where:

**P** = pressure (psi or bar)  
**v** = viscosity correction factor (from graph)  
**N** = speed (RPM)  
**C** = displacement (G/rev. or L/rev)



Subject to change without notice

# QL Series - Positive displacement pumps



QL Series  
Model QL C30

Standard Clearances  
Standard Port Size = 3.0"  
Displacement =  
0.255 Gal/Rev  
(0.965 L/Rev)

- Operating Specifications:
- 0-600 RPM Range
  - 175 PSI (12.07 bar) Max. Pressure
  - Temperature Range  
-40 °F (-40 °C) to  
250 °F (121 °C)

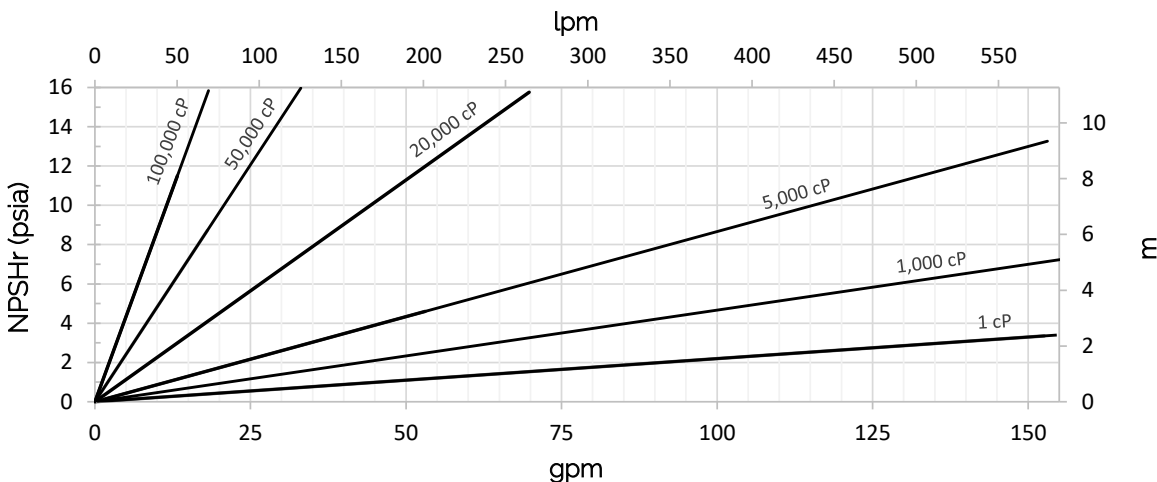
Total Power:

$$hp = (.0007 \cdot P + .0051 \cdot v) \cdot N \cdot C$$

$$kW = \frac{(2 \cdot P + v) \cdot N \cdot C}{1000}$$

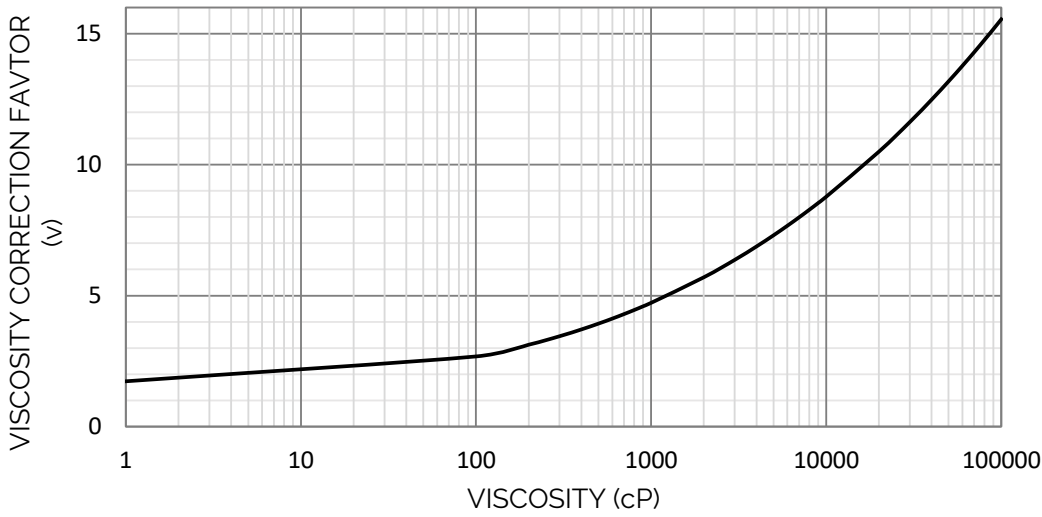
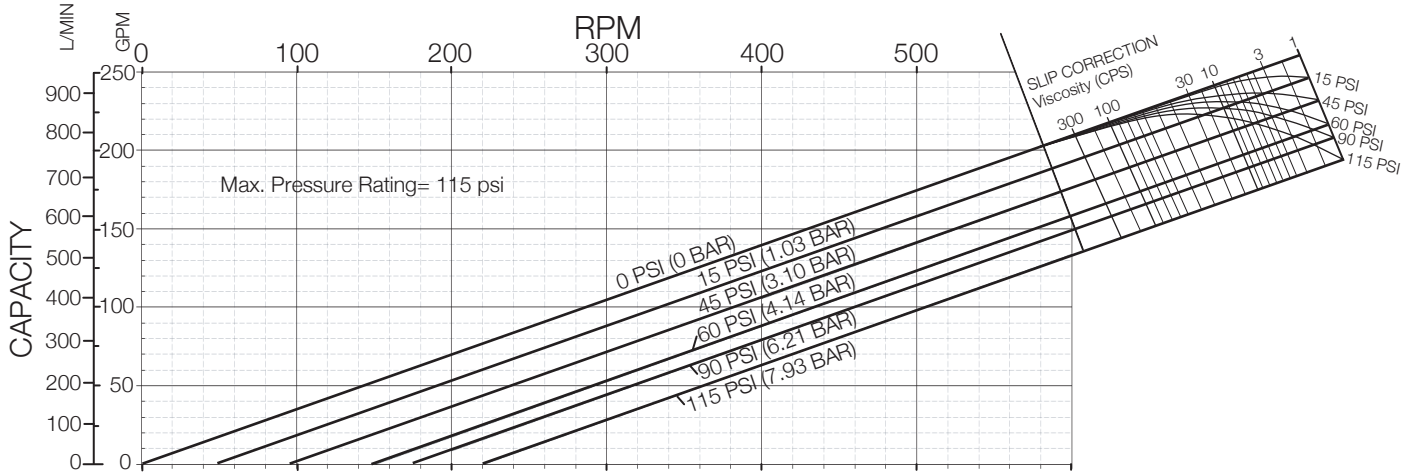
Where:

- P** = pressure (psi or bar)
- v** = viscosity correction factor (from graph)
- N** = speed (RPM)
- C** = displacement (G/rev. or L/rev)



Subject to change without notice

# QL Series - Positive displacement pumps



QL Series  
Model QL C40

Standard Clearances  
Standard Port Size = 4.0"  
Displacement =  
0.364 Gal/Rev  
1.378 L/Rev

- Operating Specifications:
- 0-600 RPM Range
  - 115 PSI (7.93 bar) Max. Pressure
  - Temperature Range  
-40 °F (-40 °C) to  
250 °F (121 °C)

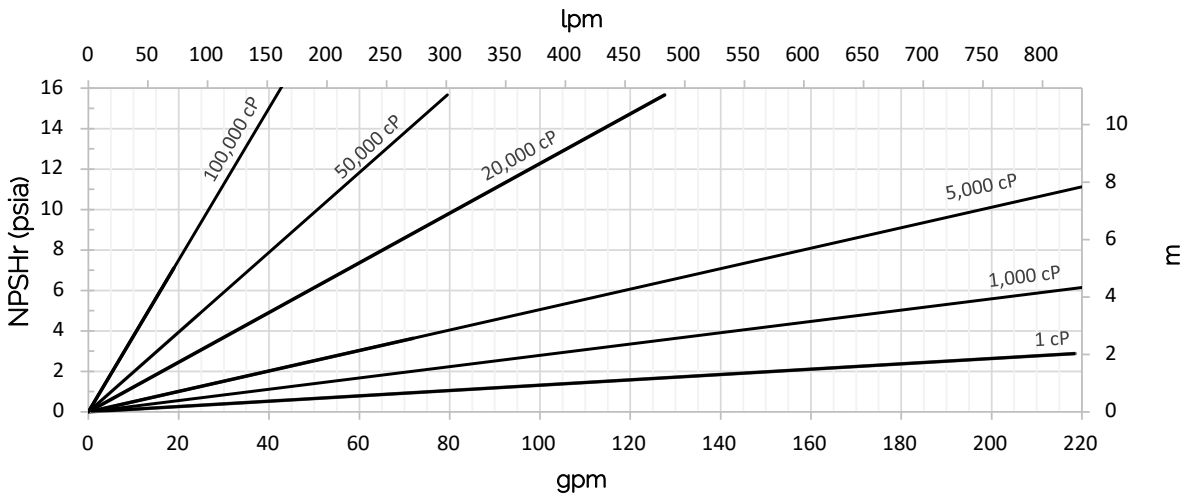
Total Power:

$$hp = (.0007 \cdot P + .0051 \cdot v) \cdot N \cdot C$$

$$kW = \frac{(2 \cdot P + v) \cdot N \cdot C}{1000}$$

Where:

- P** = pressure (psi or bar)
- v** = viscosity correction factor (from graph)
- N** = speed (RPM)
- C** = displacement (G/rev. or L/rev)



Subject to change without notice