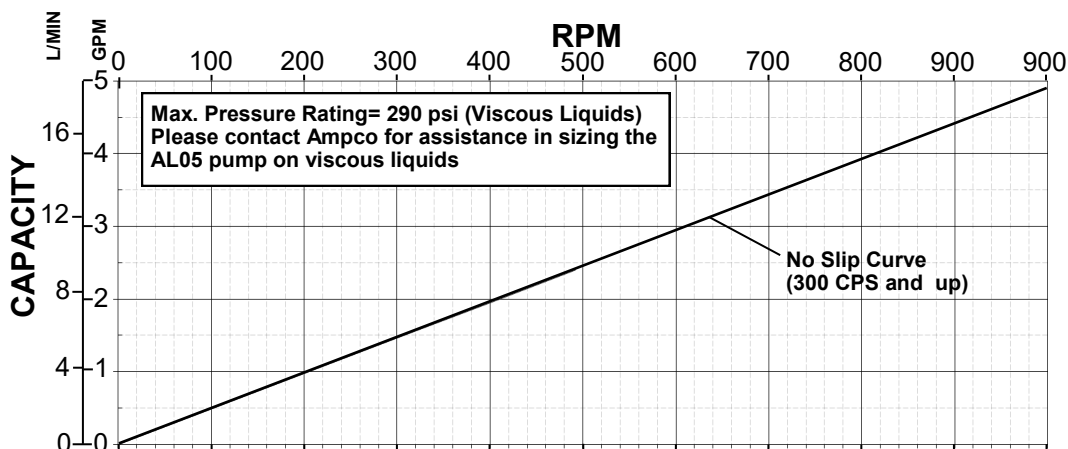


AL Series Positive Displacement Pumps

Ampco AL Series Model: **AL05**

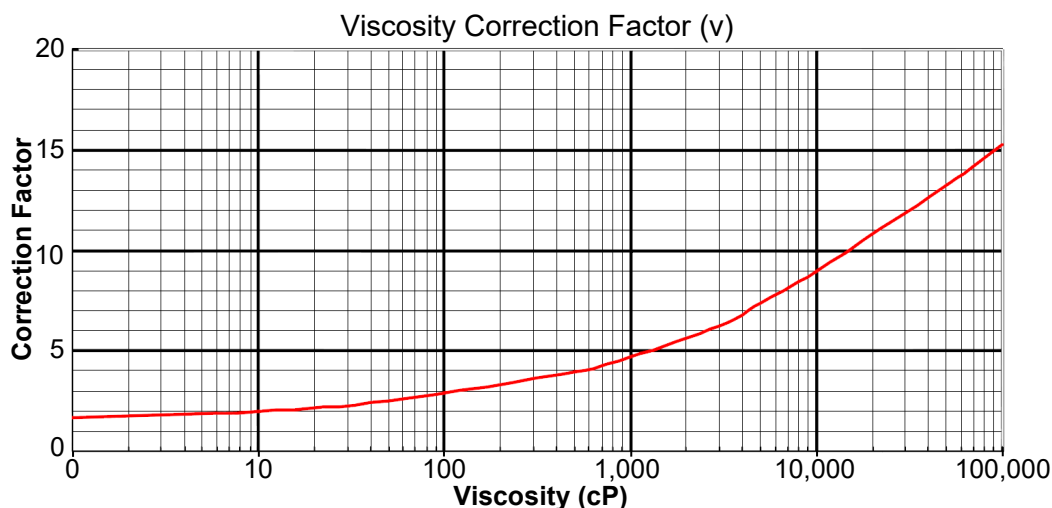


Standard Clearances
Standard Port Size = 1.0"
Displacement =
0.005 Gal/Rev
(0.019 L/Rev)

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



(English units) **Total Power (HP)** = $(.0007 \times p + .0051 \times v) \times n \times c$

(Metric units) **Total Power (Kw)** = $\frac{(2 \times p + v) \times n \times c}{1000}$

Where: p = pressure (psi or bar)
v = viscosity correction factor (from graph)
n = speed (RPM)
c = displacement (G/rev. or L/rev from table below)

AL Series Model	05
C (G/rev)	.005
C (L/rev)	.020

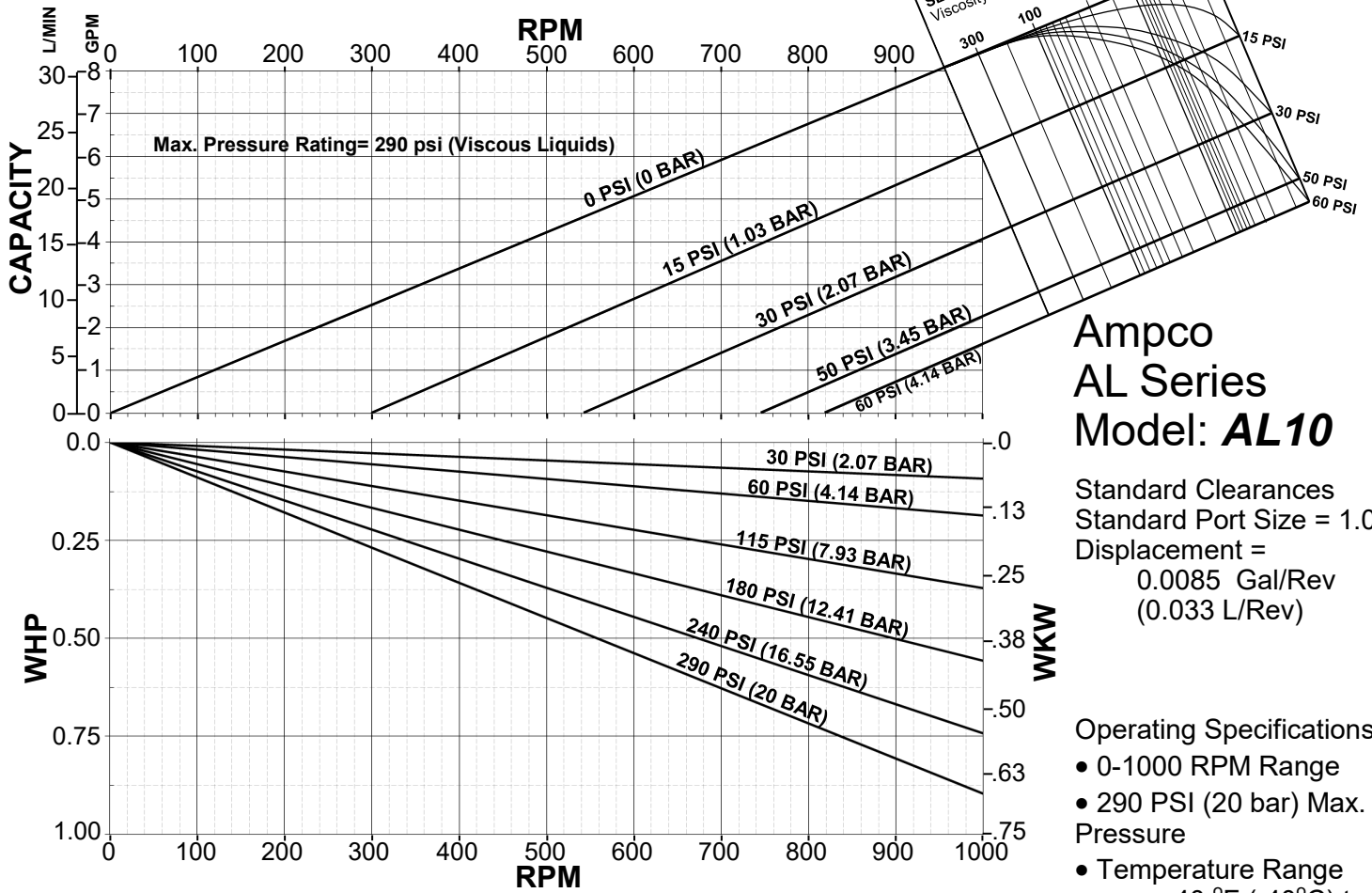
Performance ratings are based on standard clearance rotors and single mechanical seals. Contact manufacturer for ratings of other seal and rotor configurations

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AL Series Positive Displacement Pumps



Ampco AL Series Model: **AL10**

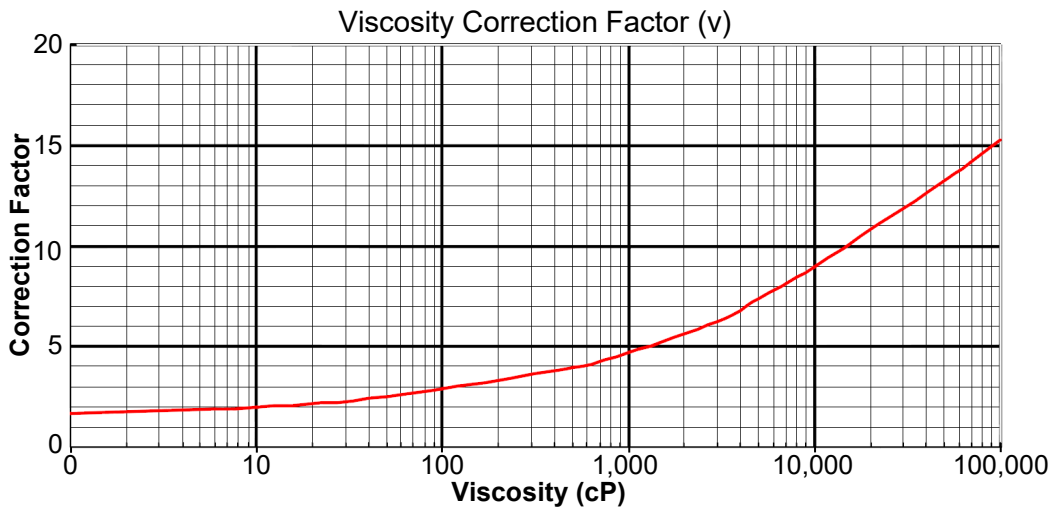
Standard Clearances
Standard Port Size = 1.0"
Displacement =
0.0085 Gal/Rev
(0.033 L/Rev)

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

Performance ratings are based on standard clearance rotors and single mechanical seals. Contact manufacturer for ratings of other seal and rotor configurations



(English units) **Total Power (HP)** = $(.0007 \times p + .0051 \times v) \times n \times c$

(Metric units) **Total Power (Kw)** = $\frac{(2 \times p + v) \times n \times c}{1000}$

Where: p = pressure (psi or bar)
v = viscosity correction factor (from graph)
n = speed (RPM)
c = displacement (G/rev. or L/rev from table below)

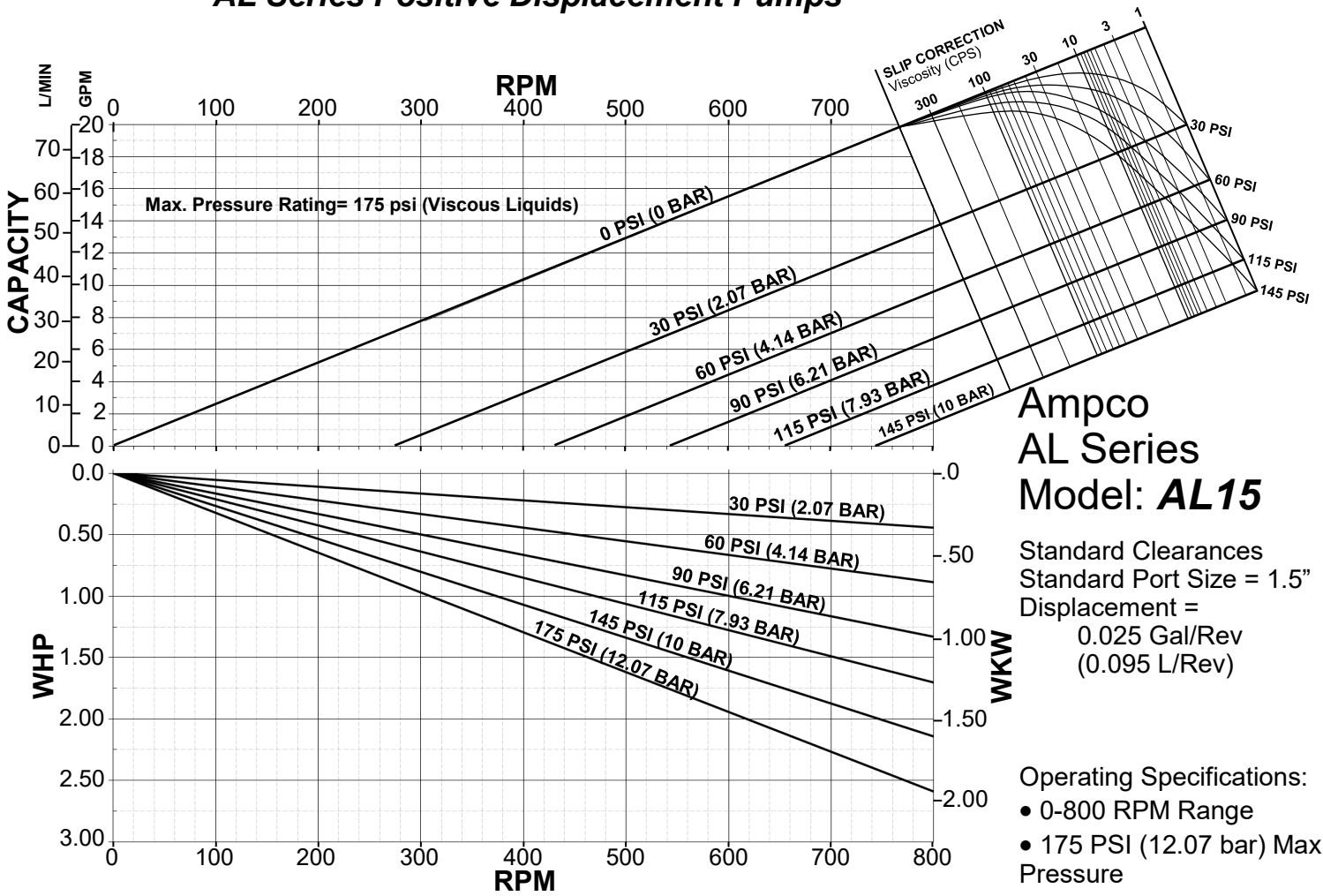
AL Series Model	10
C (G/rev)	.0085
C (L/rev)	.033

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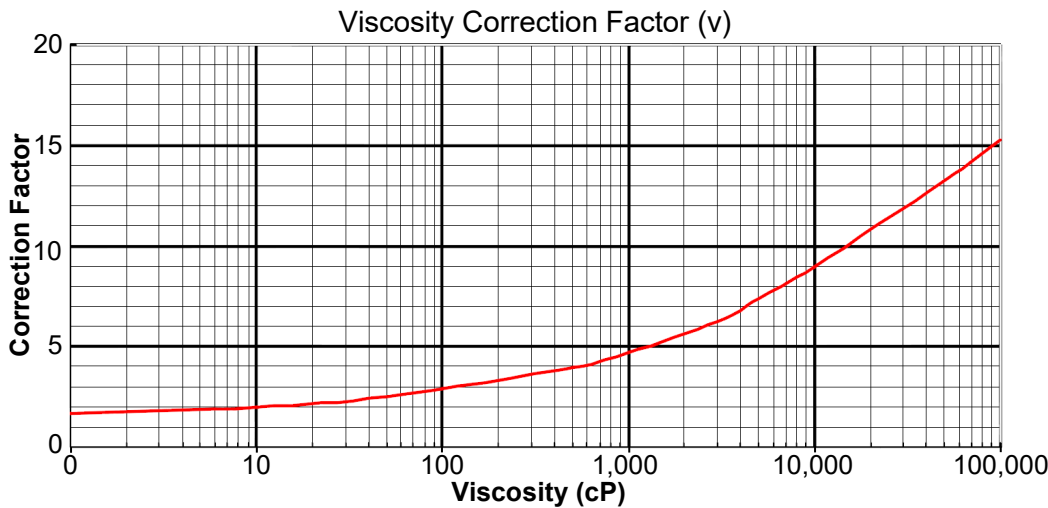
Ampco AL Series Model: **AL15**

Standard Clearances
Standard Port Size = 1.5"
Displacement =
0.025 Gal/Rev
(0.095 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)

Subject to change without notice

Performance ratings are based on standard clearance rotors and single mechanical seals. Contact manufacturer for ratings of other seal and rotor configurations



(English units) **Total Power (HP)** = $(.0007 \times p + .0051 \times v) \times n \times c$

(Metric units) **Total Power (Kw)** = $\frac{(2 \times p + v) \times n \times c}{1000}$

Where: p = pressure (psi or bar)
v = viscosity correction factor (from graph)
n = speed (RPM)
c = displacement (G/rev. or L/rev from table below)

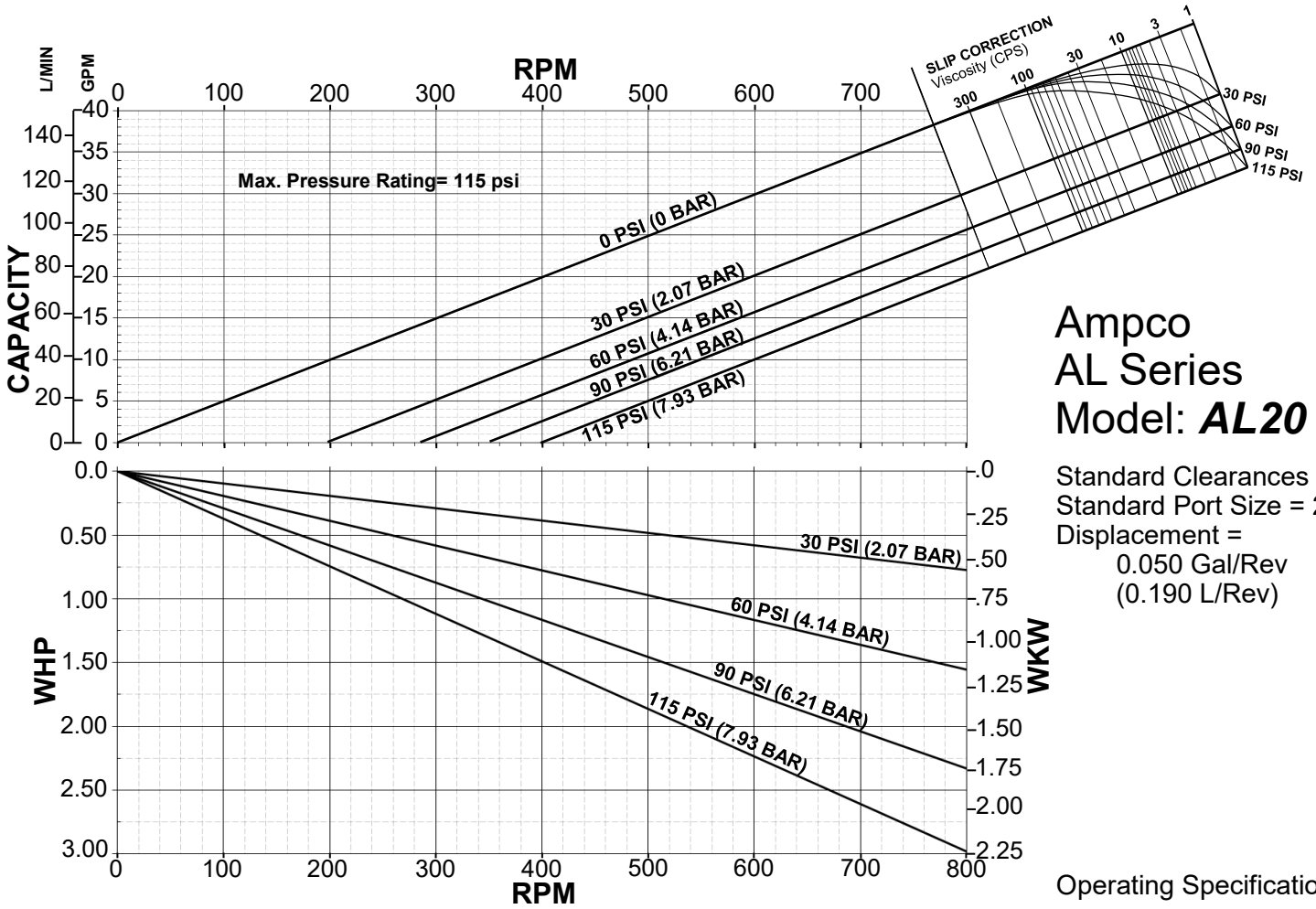
AL Series Model	15
C (G/rev)	.025
C (L/rev)	.095

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AL Series Positive Displacement Pumps



Ampco AL Series Model: **AL20**

Standard Clearances
Standard Port Size = 2.0"
Displacement =
0.050 Gal/Rev
(0.190 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)

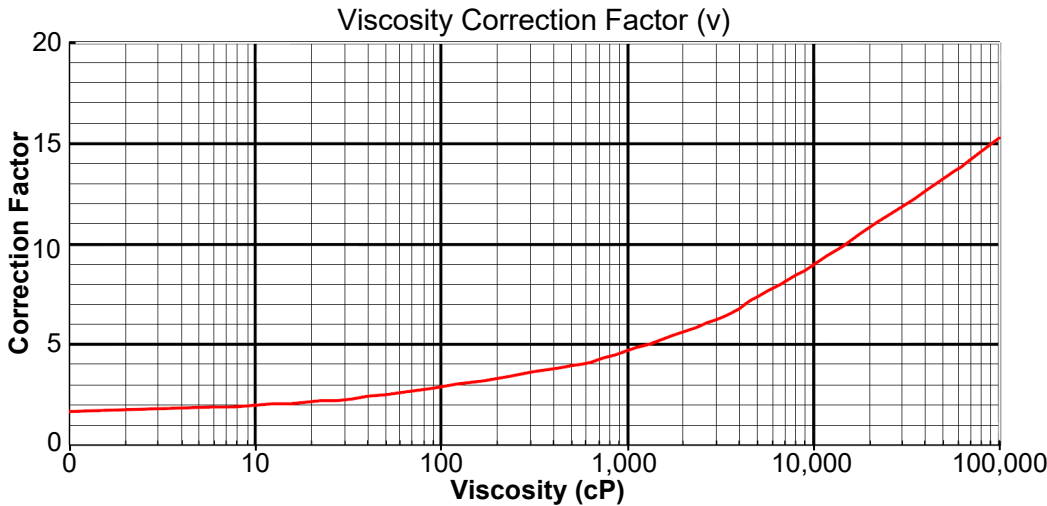
Subject to change without notice

Performance ratings are based on standard clearance rotors and single mechanical seals. Contact manufacturer for ratings of other seal and rotor configurations

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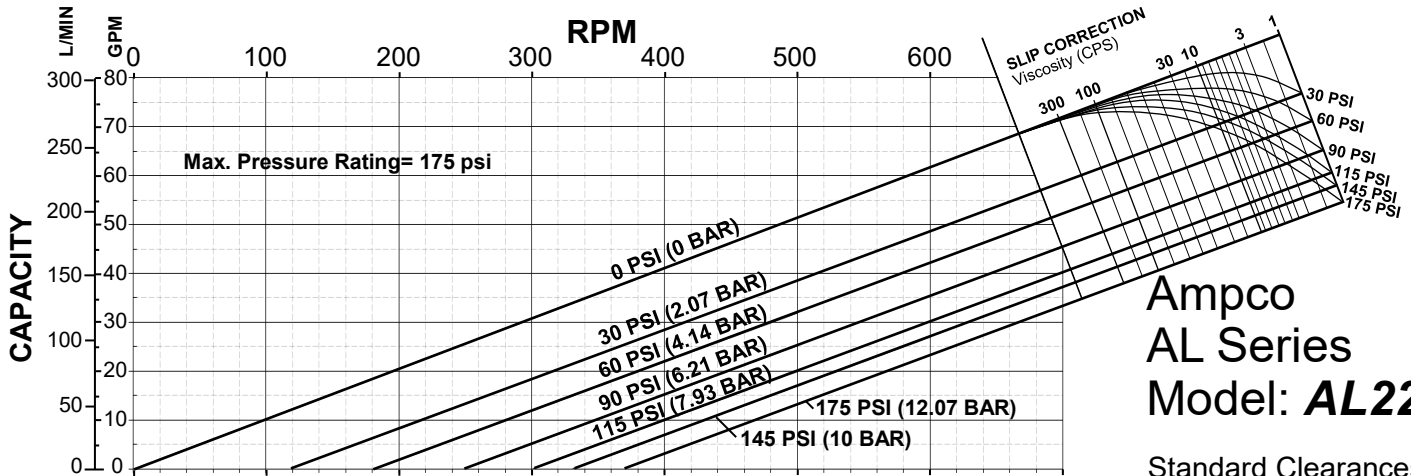
$$\text{(English units) Total Power (HP)} = (.0007 \times p + .0051 \times v) \times n \times c$$

$$\text{(Metric units) Total Power (Kw)} = \frac{(2 \times p + v) \times n \times c}{1000}$$

Where: p = pressure (psi or bar)
v = viscosity correction factor (from graph)
n = speed (RPM)
c = displacement (G/rev. or L/rev from table below)

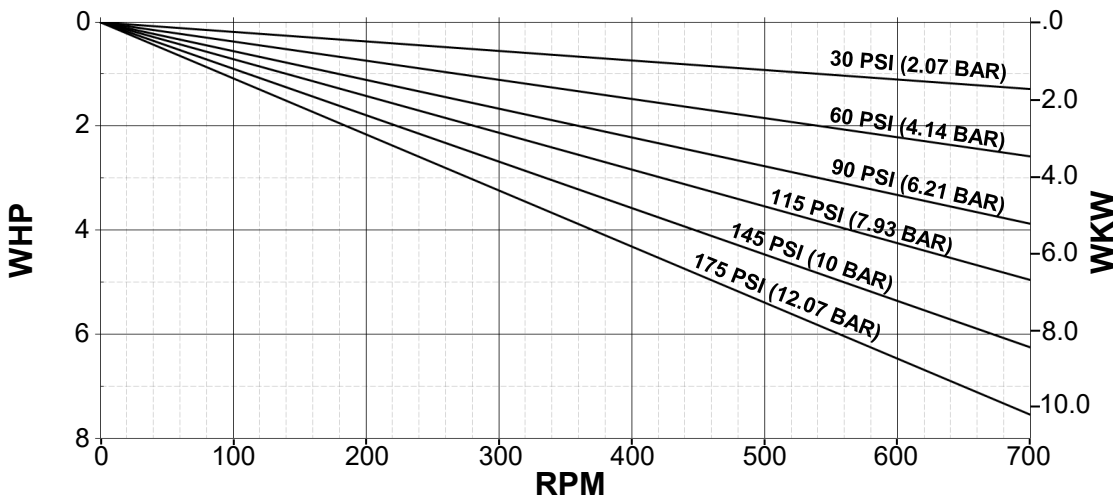
AL Series Model	20
C (G/rev)	.050
C (L/rev)	.190

AL Series Positive Displacement Pumps



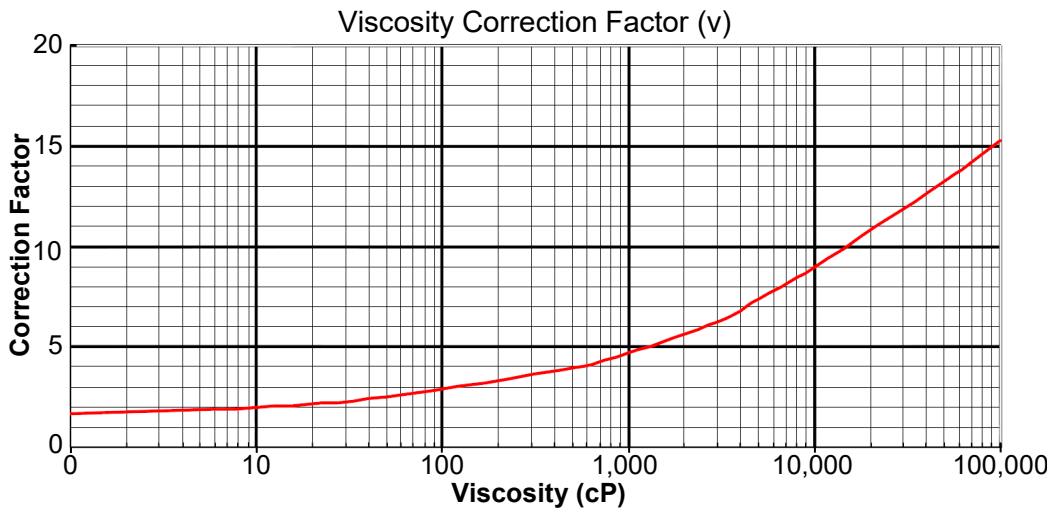
Ampco AL Series Model: **AL22**

Standard Clearances
Standard Port Size = 2.0"
Displacement =
0.106 Gal/Rev
(0.401 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)

Subject to change without notice



(English units) **Total Power (HP)** = $(.0007 \times p + .0051 \times v) \times n \times c$

(Metric units) **Total Power (Kw)** = $\frac{(2 \times p + v) \times n \times c}{1000}$

Where: p = pressure (psi or bar)
v = viscosity correction factor (from graph)
n = speed (RPM)
c = displacement (G/rev. or L/rev from table below)

AL Series Model	22
C (G/rev)	.106
C (L/rev)	.401

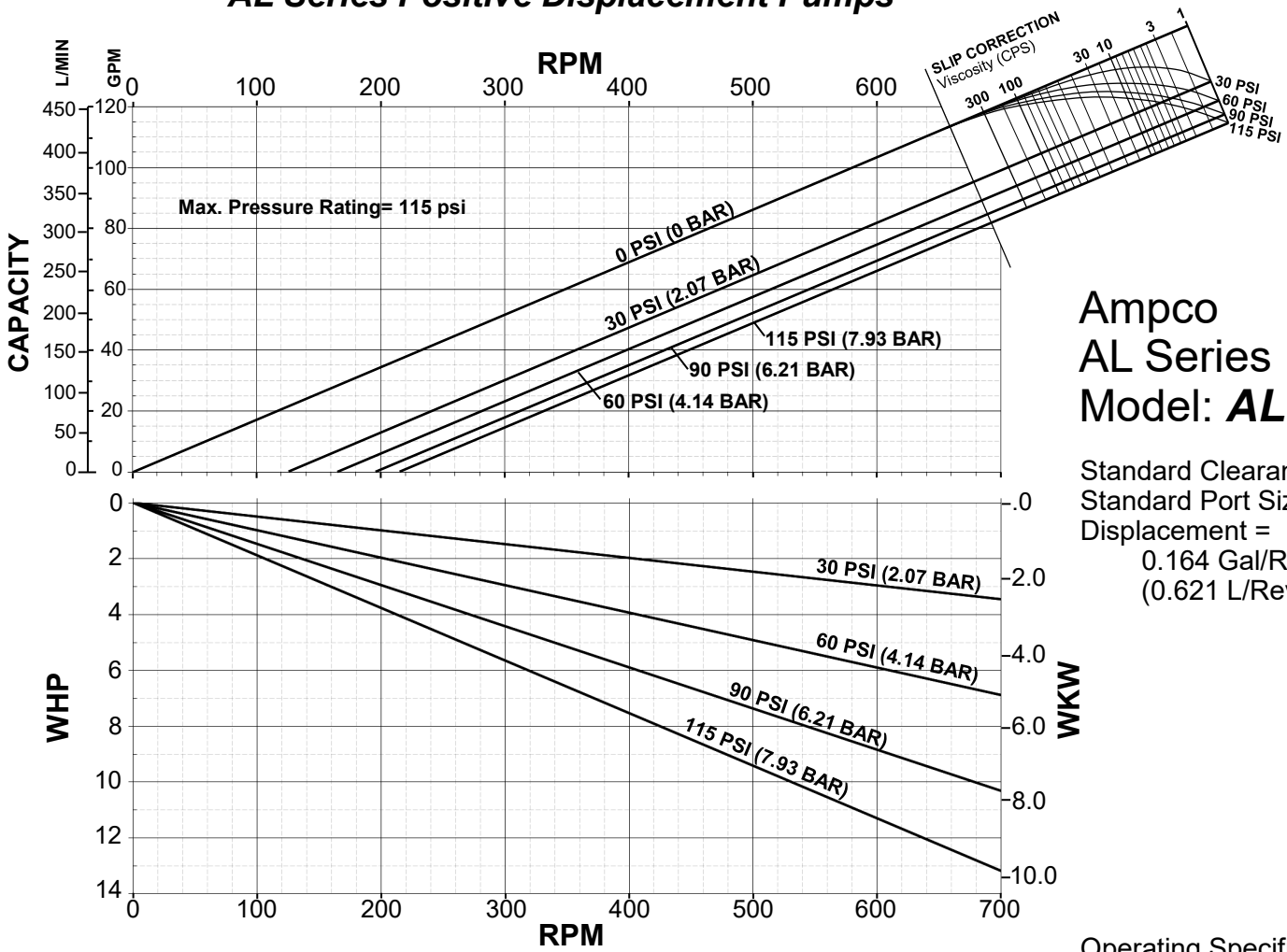
Performance ratings are based on standard clearance rotors and single mechanical seals. Contact manufacturer for ratings of other seal and rotor configurations

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AL Series Positive Displacement Pumps

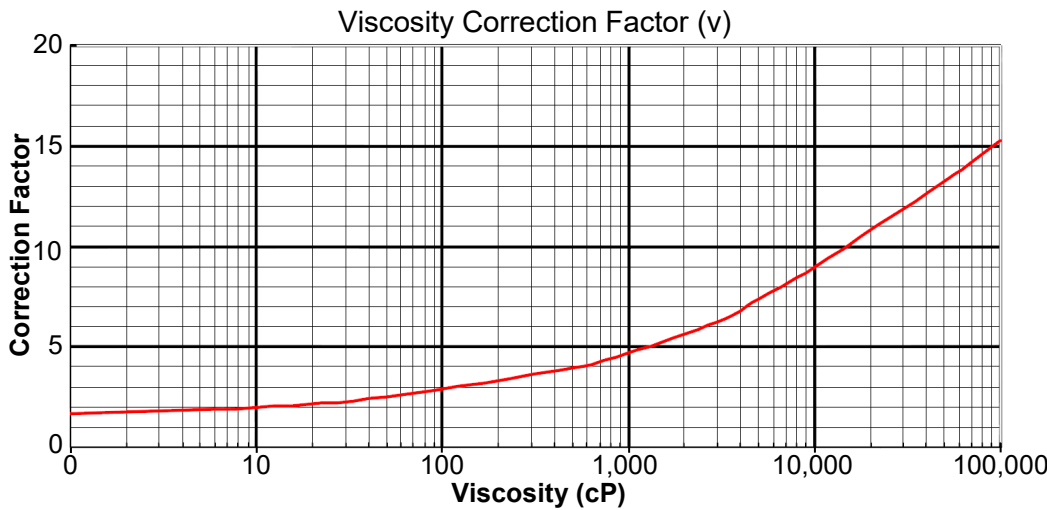


Ampco AL Series Model: **AL25**

Standard Clearances
Standard Port Size = 2.5"
Displacement =
0.164 Gal/Rev
(0.621 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)

Subject to change without notice



(English units) **Total Power (HP)** = $(.0007 \times p + .0051 \times v) \times n \times c$

(Metric units) **Total Power (Kw)** = $\frac{(2 \times p + v) \times n \times c}{1000}$

Where: p = pressure (psi or bar)
v = viscosity correction factor (from graph)
n = speed (RPM)
c = displacement (G/rev. or L/rev from table below)

AL Series Model	25
C (G/rev)	.164
C (L/rev)	.621

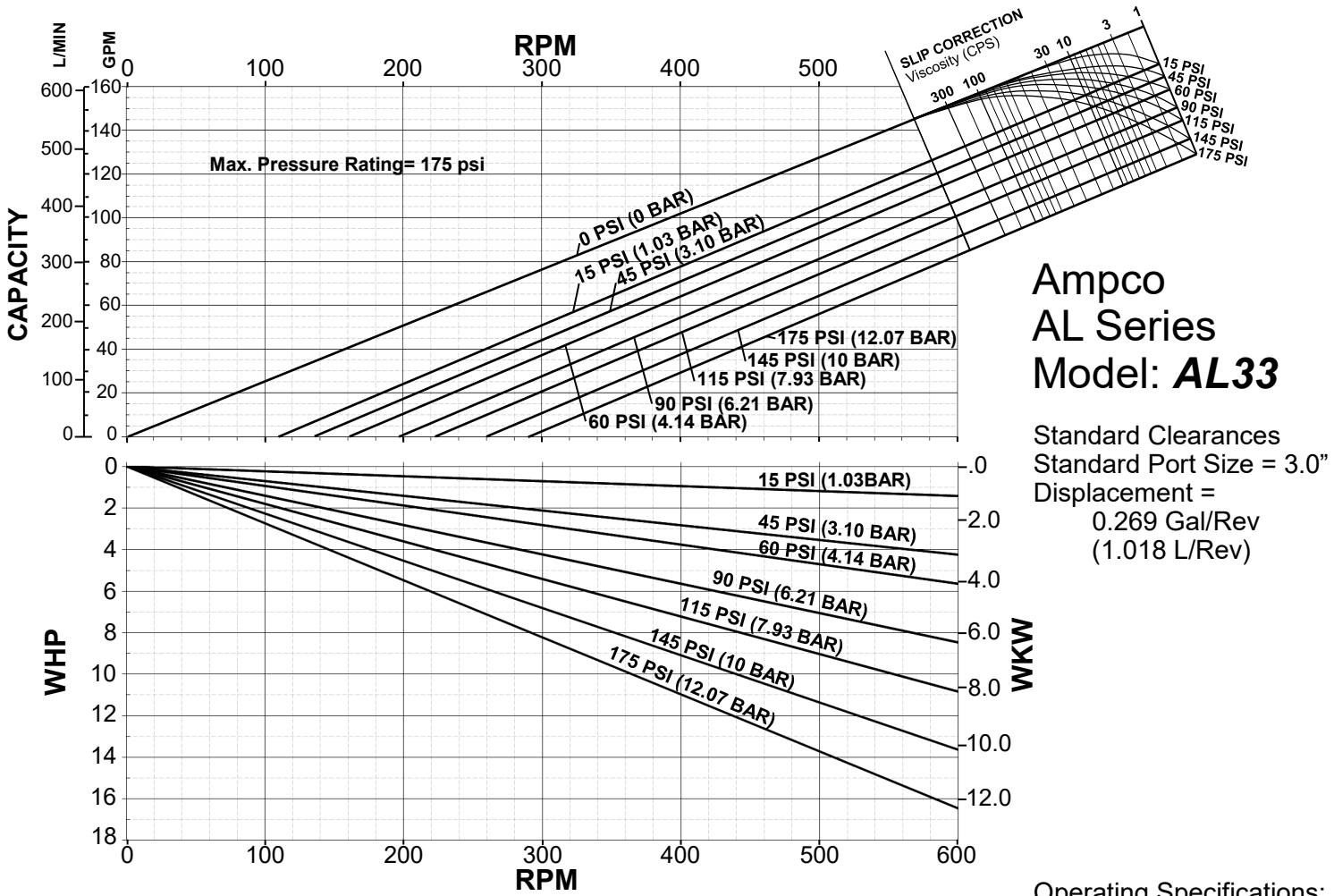
Performance ratings are based on standard clearance rotors and single mechanical seals. Contact manufacturer for ratings of other seal and rotor configurations

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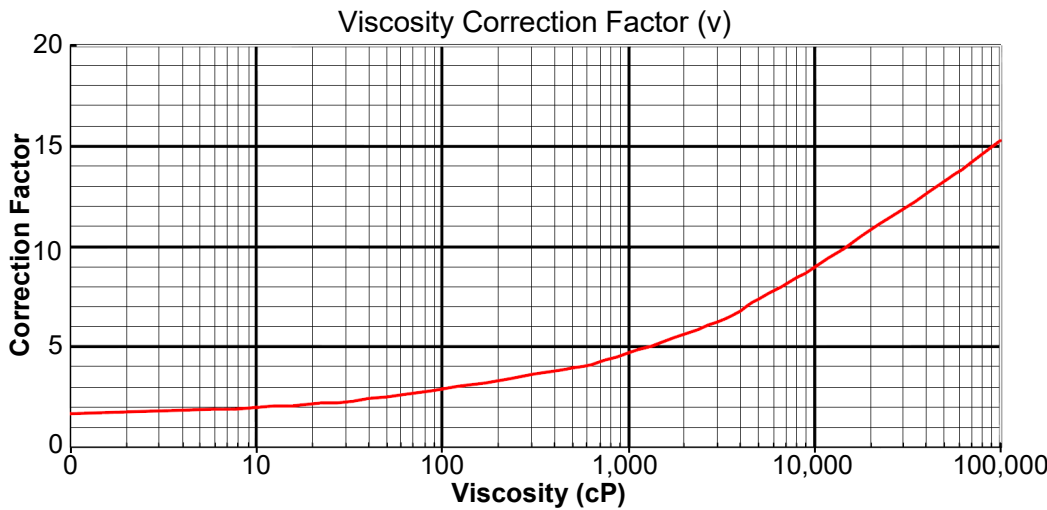


Ampco AL Series Model: **AL33**

Standard Clearances
Standard Port Size = 3.0"
Displacement =
0.269 Gal/Rev
(1.018 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)

Subject to change without notice



(English units) **Total Power (HP)** = $(.0007 \times p + .0051 \times v) \times n \times c$

(Metric units) **Total Power (Kw)** = $\frac{(2 \times p + v) \times n \times c}{1000}$

Where: p = pressure (psi or bar)
v = viscosity correction factor (from graph)
n = speed (RPM)
c = displacement (G/rev. or L/rev from table below)

AL Series Model	33
C (G/rev)	.269
C (L/rev)	1.018

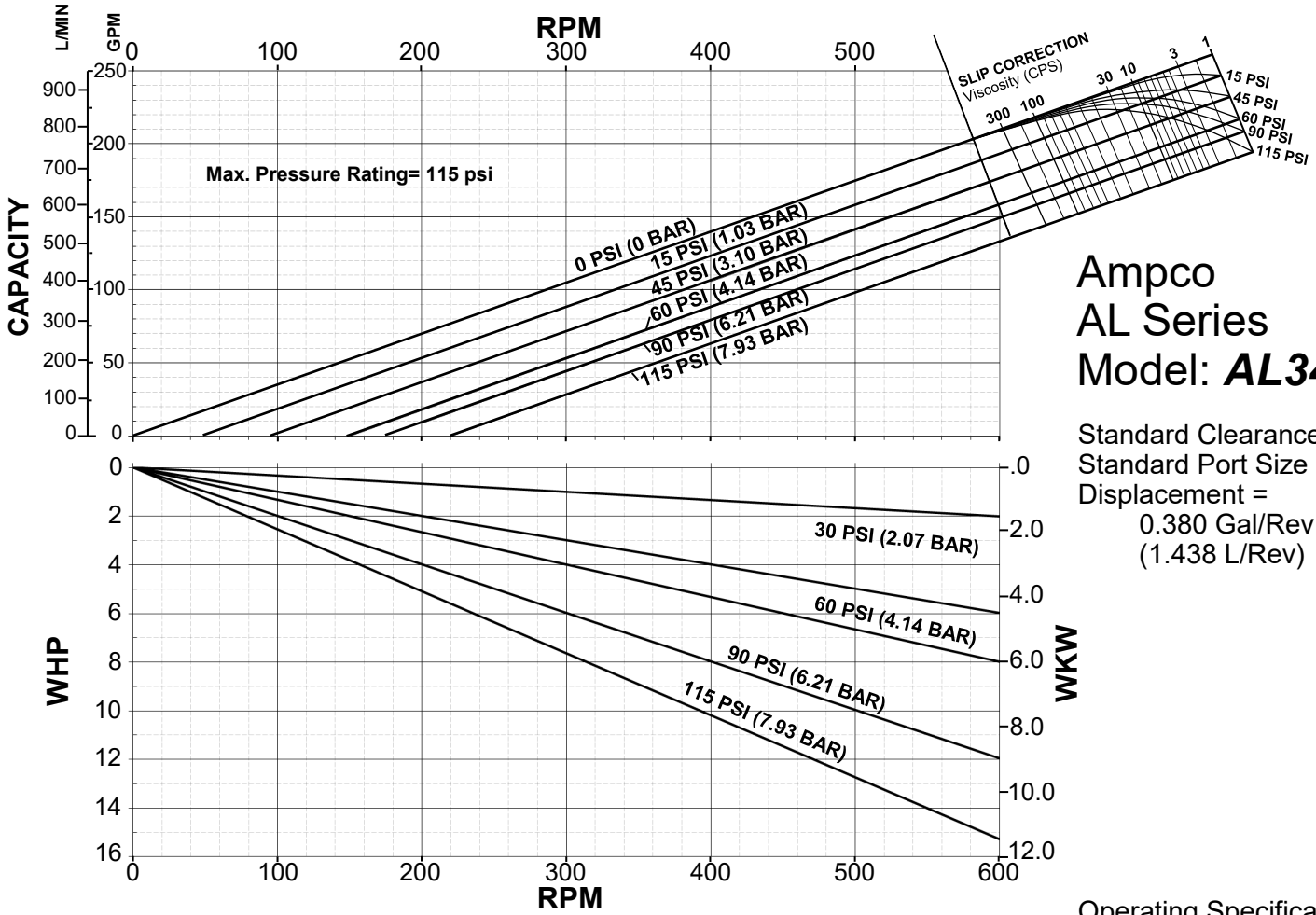
Performance ratings are based on standard clearance rotors and single mechanical seals. Contact manufacturer for ratings of other seal and rotor configurations

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Website:
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AL Series Positive Displacement Pumps



Ampco AL Series Model: **AL34**

Standard Clearances
Standard Port Size = 4.0"
Displacement =
0.380 Gal/Rev
(1.438 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)

Subject to change without notice

Performance ratings are based on standard clearance rotors and single mechanical seals. Contact manufacturer for ratings of other seal and rotor configurations

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(English units) **Total Power (HP)** = (.0007×p + .0051×v)×n×c

(Metric units) **Total Power (Kw)** = $\frac{(2 \times p + v) \times n \times c}{1000}$

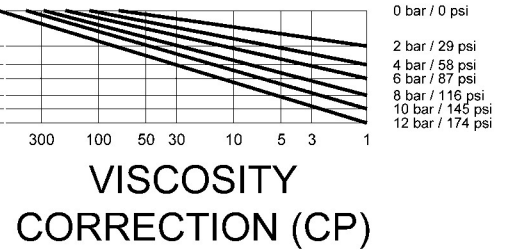
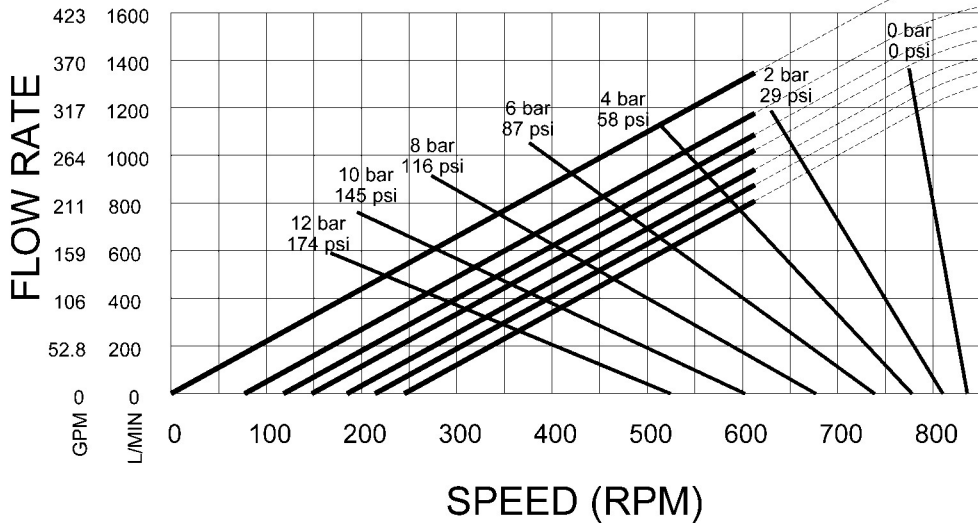
Where: p = pressure (psi or bar)
v = viscosity correction factor (from graph)
n = speed (RPM)
c = displacement (G/rev. or L/rev from table below)

AL Series Model	34
C (G/rev)	.380
C (L/rev)	1.438

AL Series Positive Displacement Pumps

ABSORBED POWER ABSORBED POWER FIGURES ARE FOR 1 CP VISCOSITY

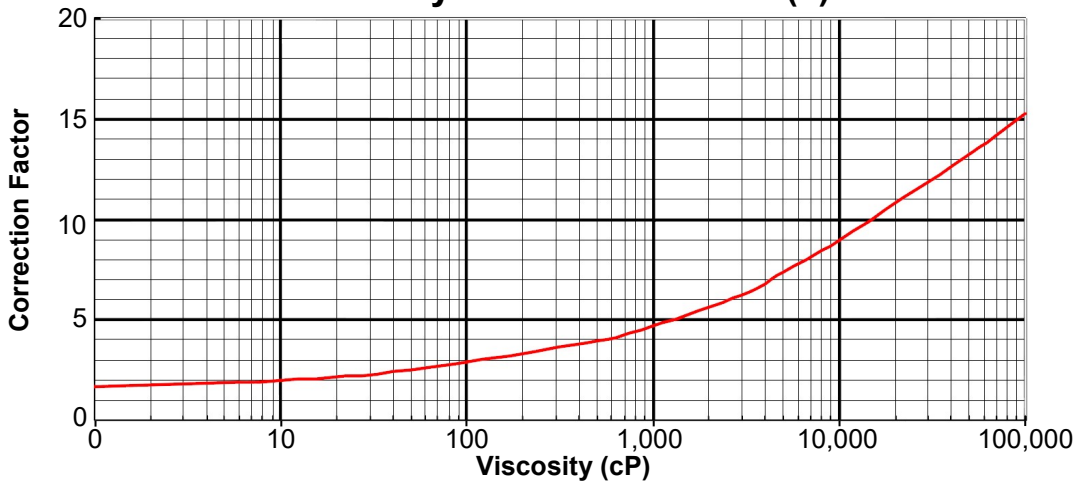
45.6 42.9 40.2 37.5 34.9 32.2 29.5 26.8 24.1 21.5 18.8 16.1 13.4 10.7 8.05 5.36 2.68 HP
34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 kW



Ampco
AL Series
Model: **AL44**

Standard Clearances
Standard Port Size = 4.0"
Displacement =
0.60 Gal/Rev
(2.27 L/Rev)

Viscosity Correction Factor (v)



Operating Specifications:

- 0-500 RPM Range
- 175 PSI (12.07 bar) Max. Pressure
- Temperature Range
-40 °F (-40°C) to
250 °F (121°C)

Subject to change without notice

(English units) **Total Power (HP)** = $(.0007 \times p + .0051 \times v) \times n \times c$

(Metric units) **Total Power (Kw)** = $\frac{(2 \times p + v) \times n \times c}{1000}$

Where: p = pressure (psi or bar)
v = viscosity correction factor (from graph)
n = speed (RPM)
c = displacement (G/rev. or L/rev from table below)

AL Series Model	44
C (G/rev)	.60
C (L/rev)	2.27

Performance ratings are based on standard clearance rotors and single mechanical seals. Contact manufacturer for ratings of other seal and rotor configurations

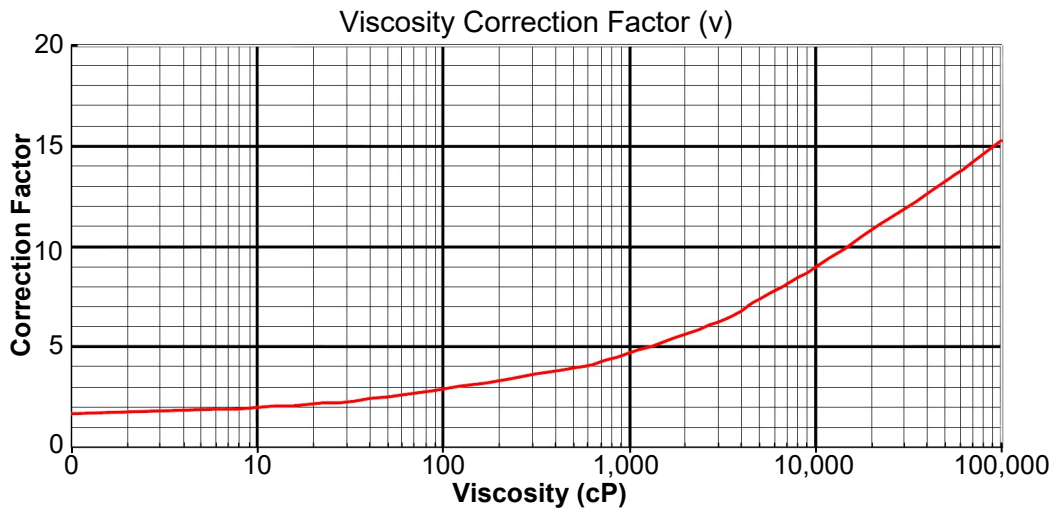
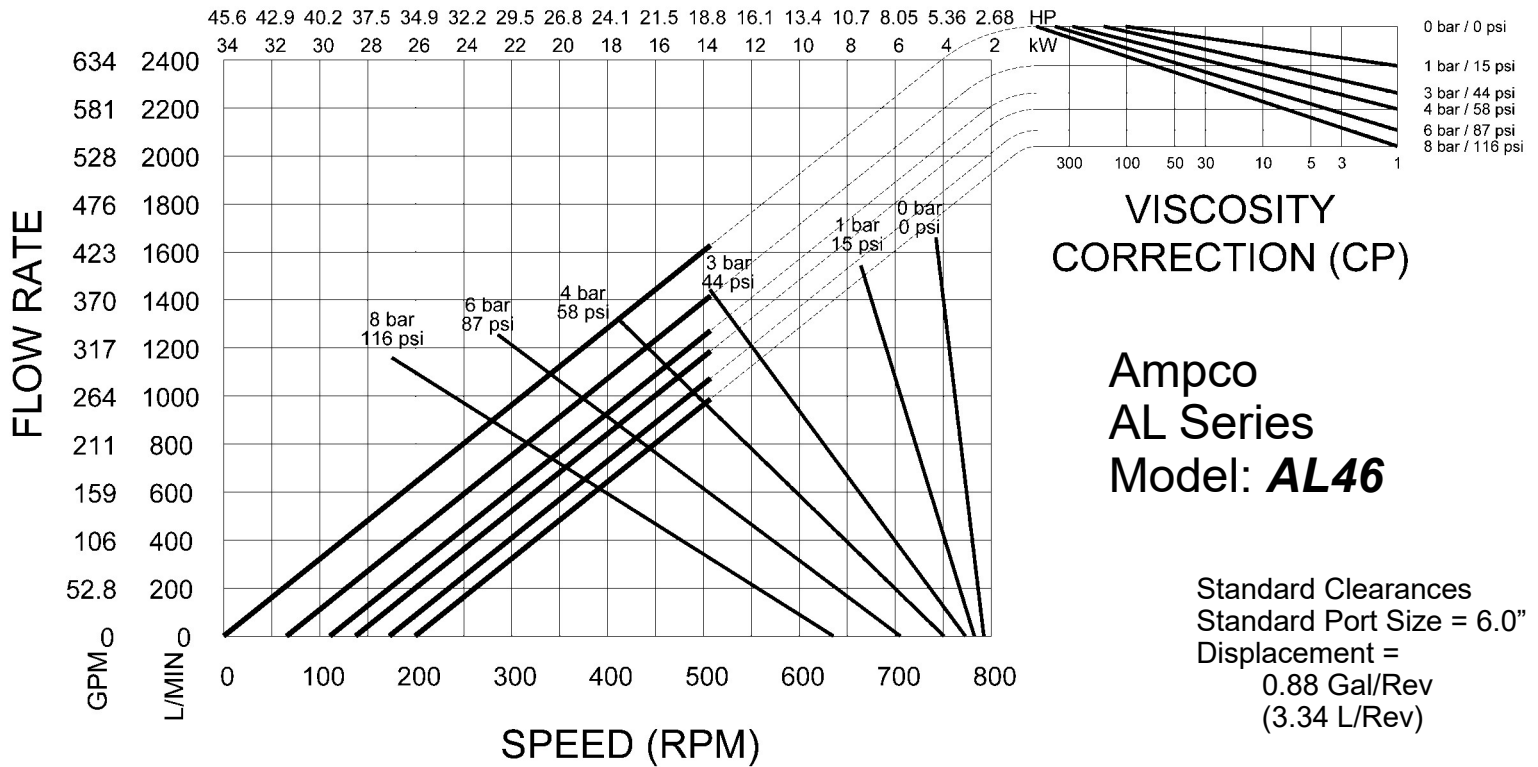
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AL Series Positive Displacement Pumps

ABSORBED POWER ABSORBED POWER FIGURES ARE FOR 1 CP VISCOSITY



- Operating Specifications:
- 0-500 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

(English units) **Total Power (HP)** = $(.0007 \times p + .0051 \times v) \times n \times c$

(Metric units) **Total Power (Kw)** = $\frac{(2 \times p + v) \times n \times c}{1000}$

Where: p = pressure (psi or bar)
 v = viscosity correction factor (from graph)
 n = speed (RPM)
 c = displacement (G/rev. or L/rev from table below)

AL Series Model	46
C (G/rev)	.88
C (L/rev)	3.34

Performance ratings are based on standard clearance rotors and single mechanical seals. Contact manufacturer for ratings of other seal and rotor configurations

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