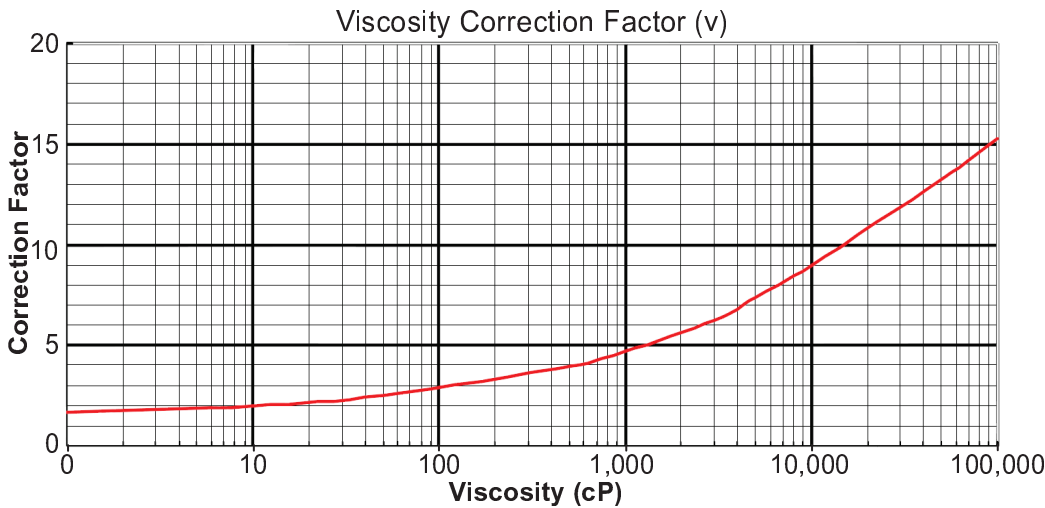
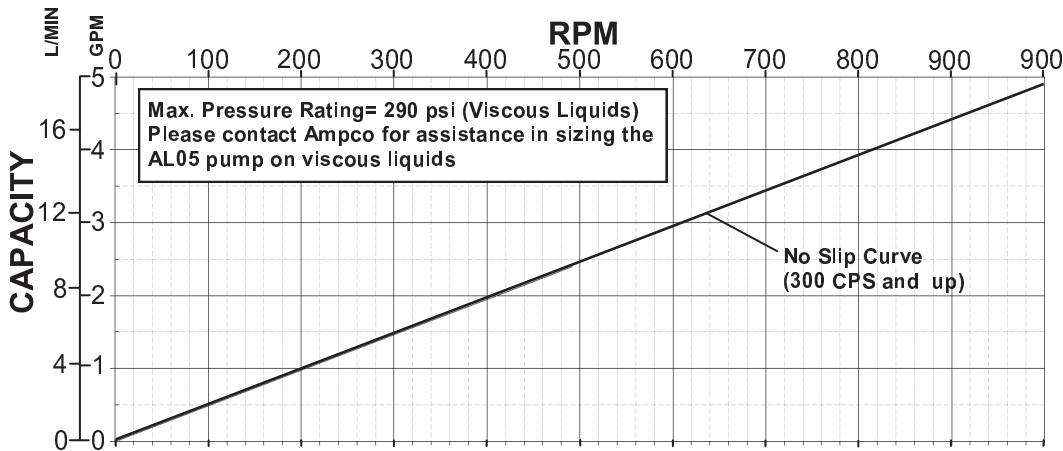


# AL Series Positive Displacement Pumps



(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

## Ampco AL Series Model: **AL05**

Standard Clearances  
 Standard Port Size = 1.0"  
 Displacement =  
 0.005 Gal/Rev  
 (0.020 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)

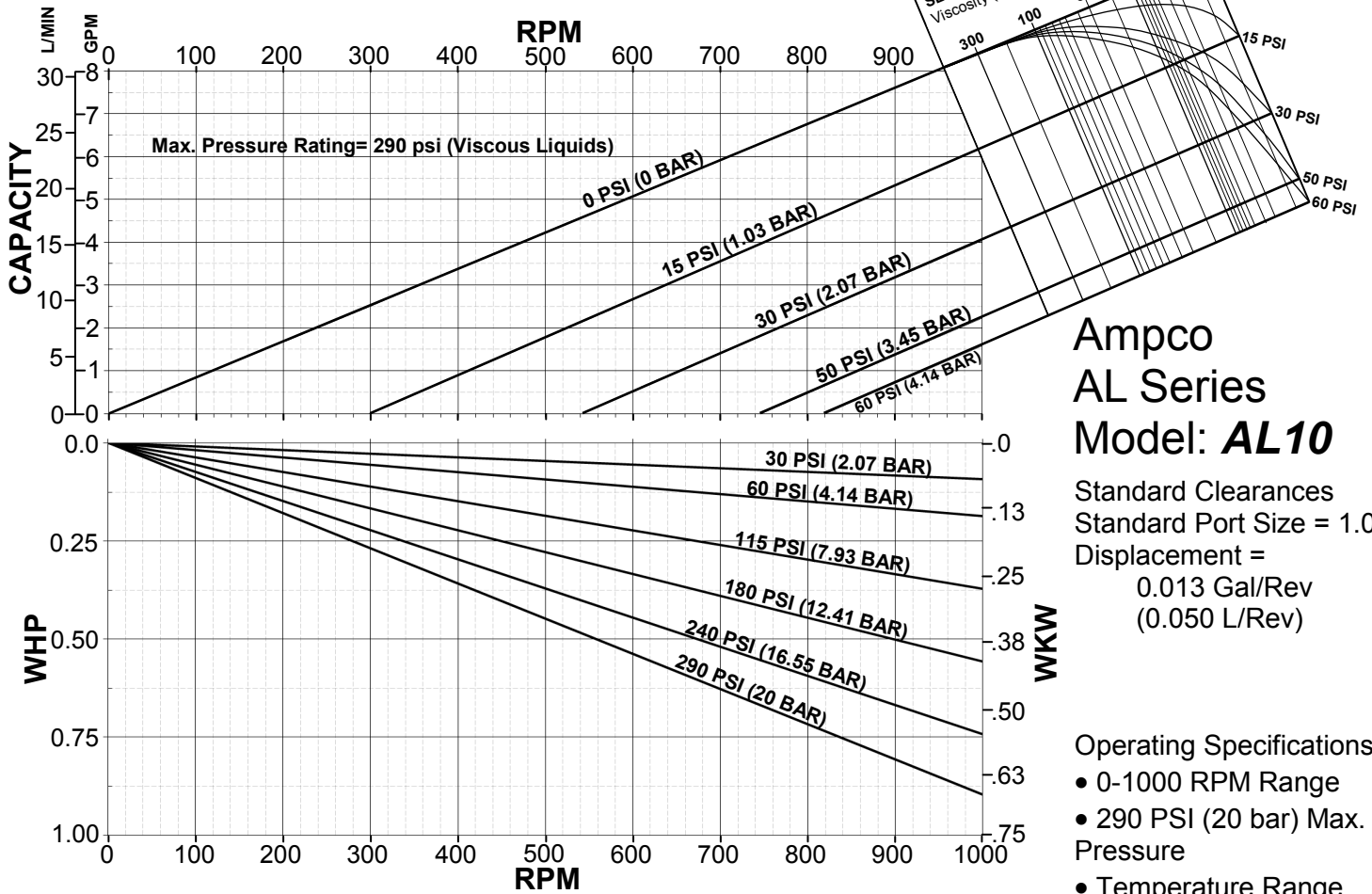
Subject to change without notice

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Website:  
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# AL Series Positive Displacement Pumps



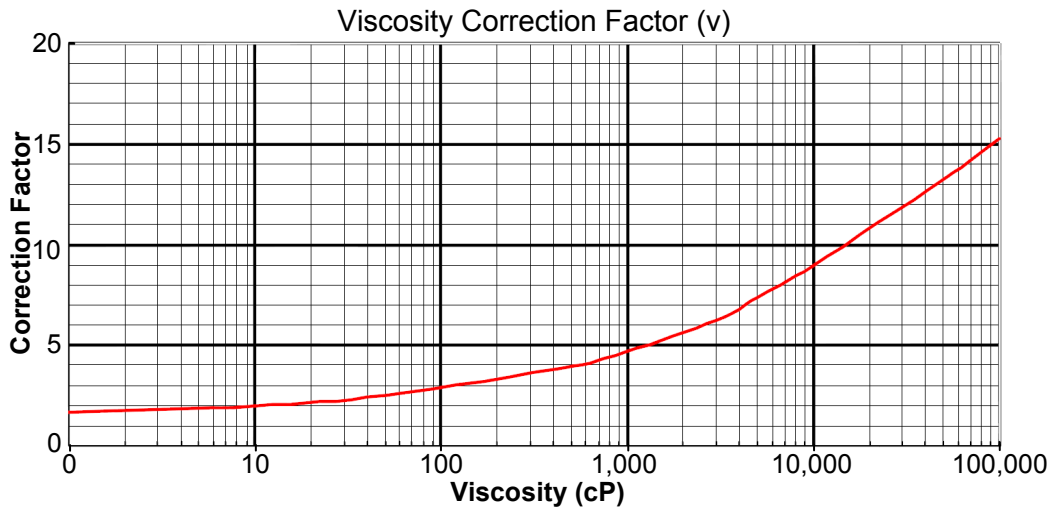
## Ampco AL Series Model: **AL10**

Standard Clearances  
Standard Port Size = 1.0"  
Displacement =  
0.013 Gal/Rev  
(0.050 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)

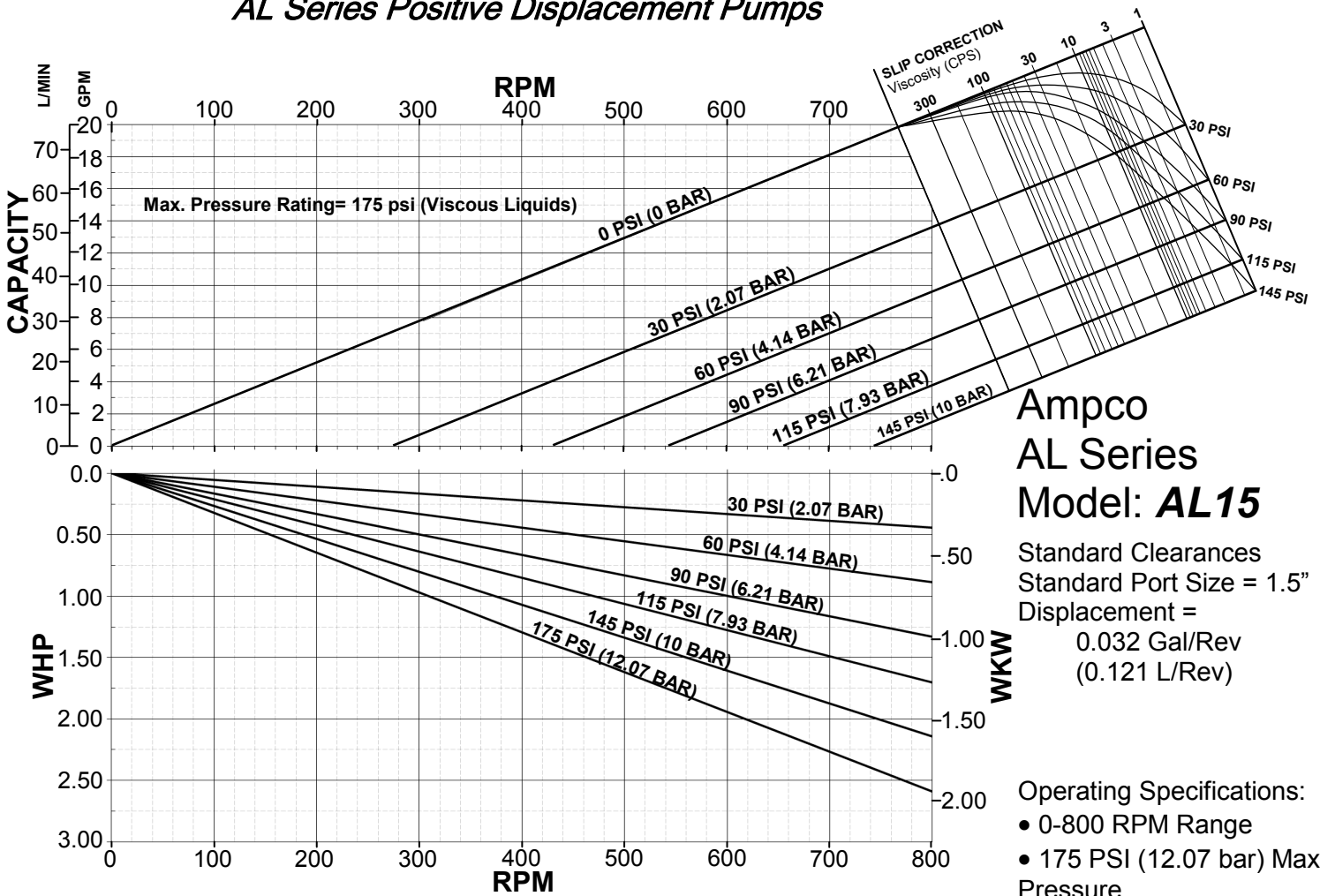
AL Series Model	10
C (G/rev)	.013
C (L/rev)	.050

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# AL Series Positive Displacement Pumps

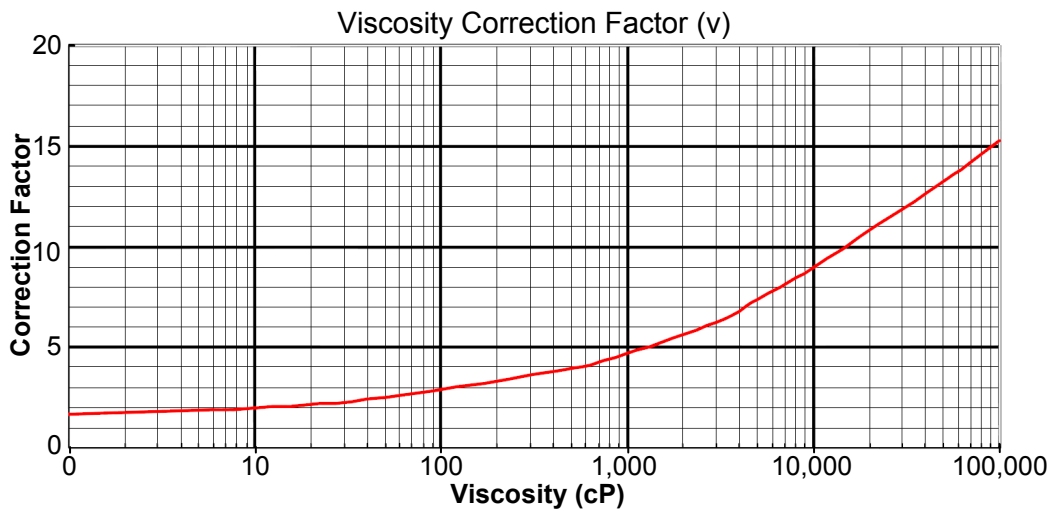


## Ampco AL Series Model: **AL15**

Standard Clearances  
Standard Port Size = 1.5"  
Displacement =  
0.032 Gal/Rev  
(0.121 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



(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)

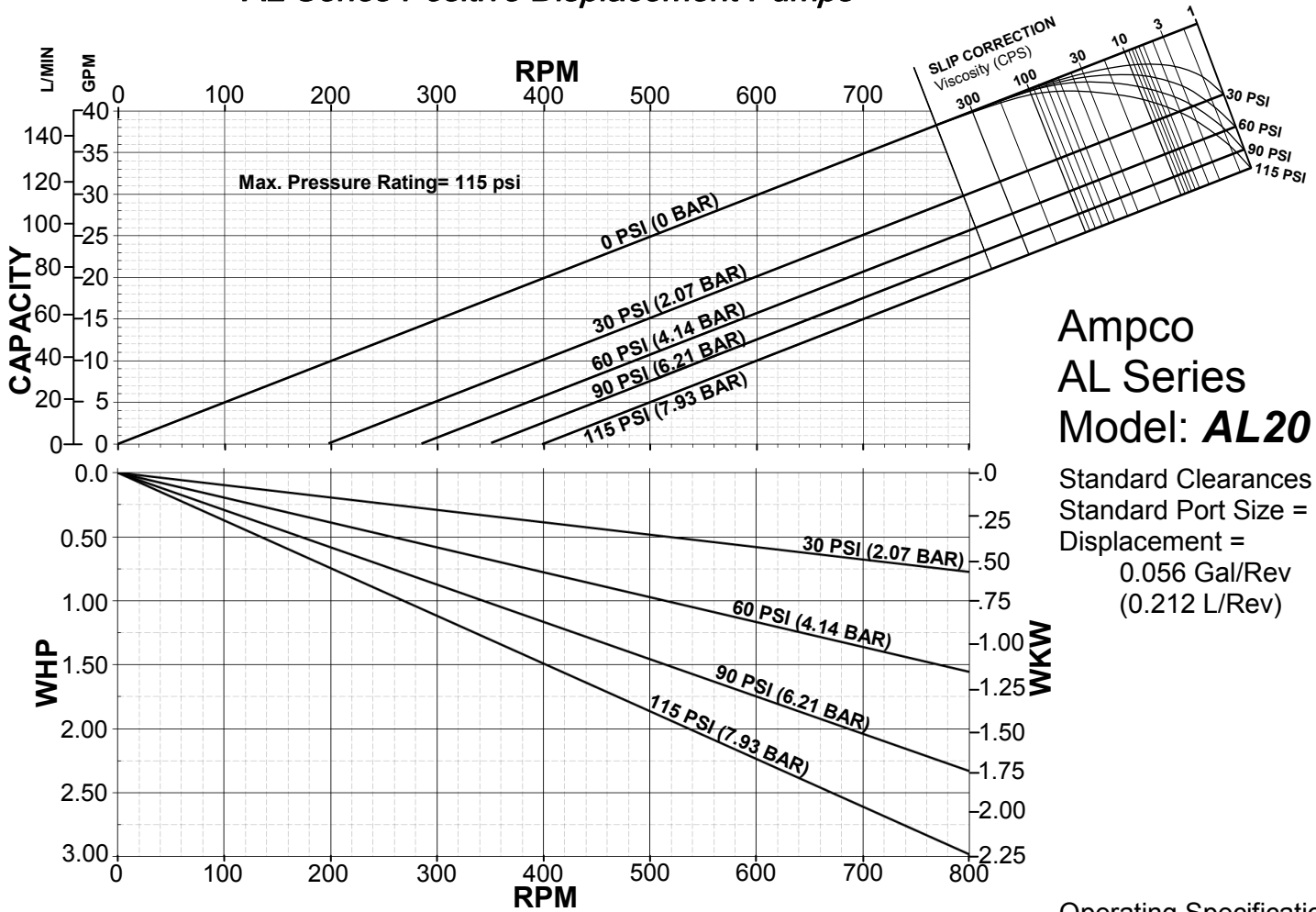
AL Series Model	15
C (G/rev)	.032
C (L/rev)	.121

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# AL Series Positive Displacement Pumps

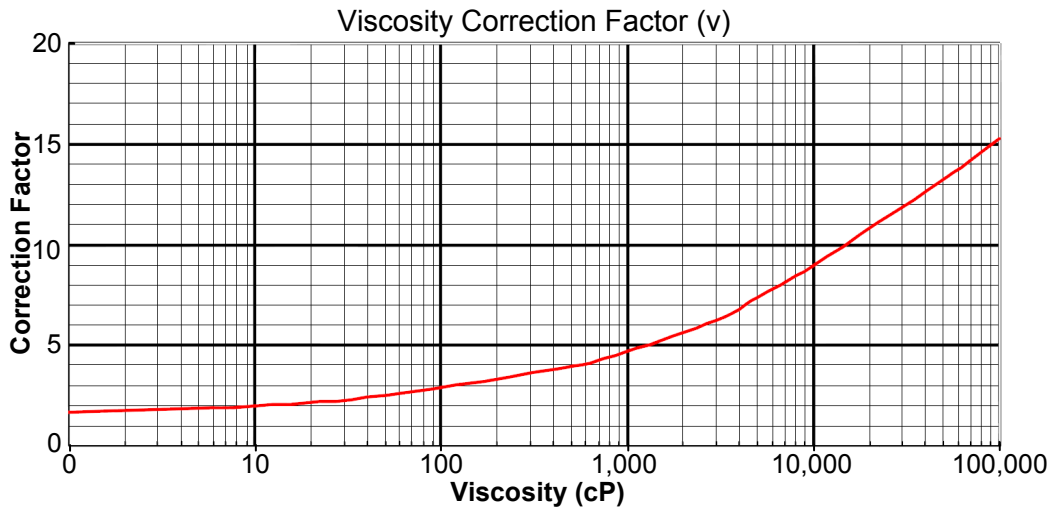


## Ampco AL Series Model: **AL20**

Standard Clearances  
Standard Port Size = 2.0"  
Displacement =  
0.056 Gal/Rev  
(0.212 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



(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)

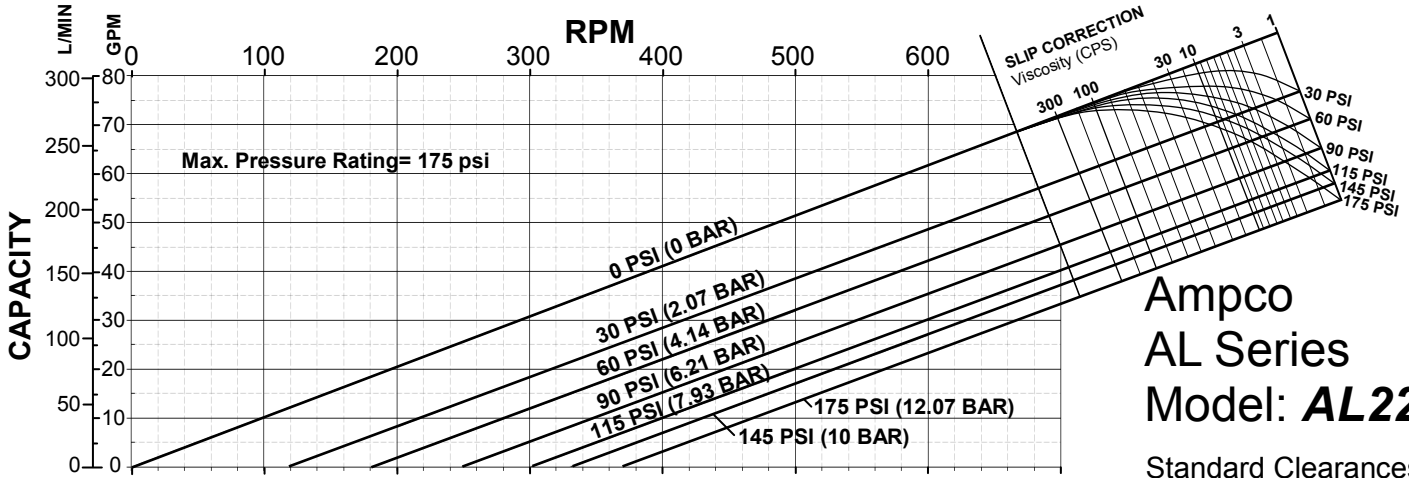
AL Series Model	20
C (G/rev)	.056
C (L/rev)	.212

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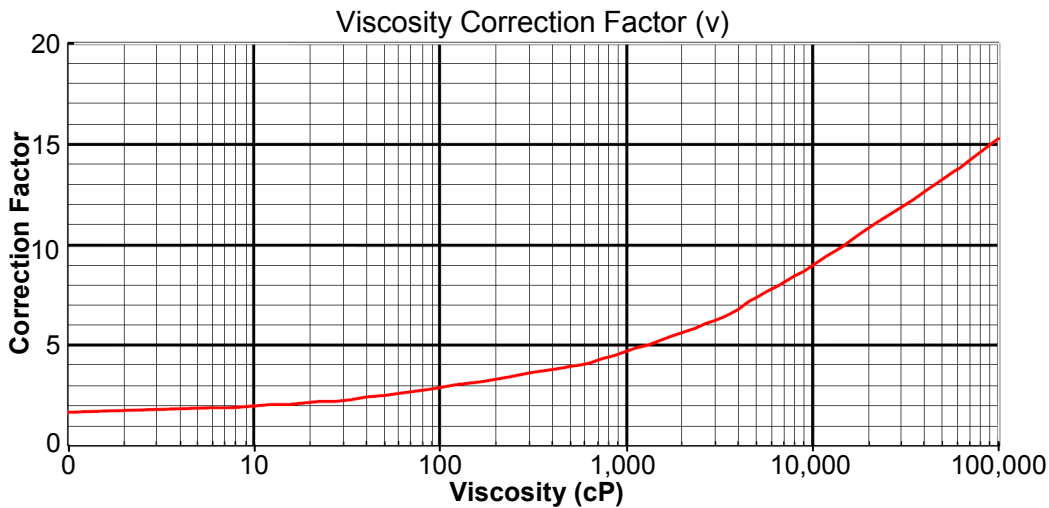
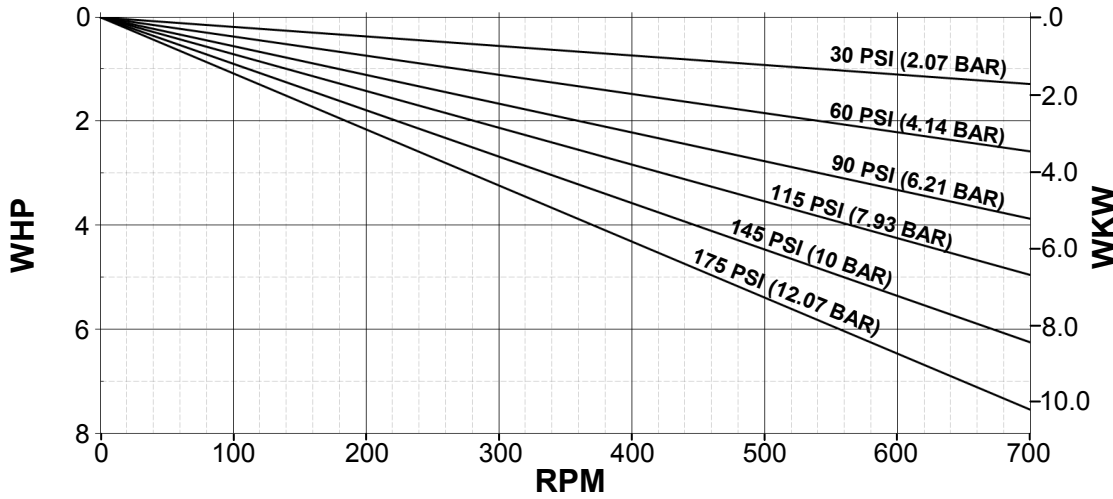
Website:  
[www.ampcopumps.com](http://www.ampcopumps.com)

# 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)

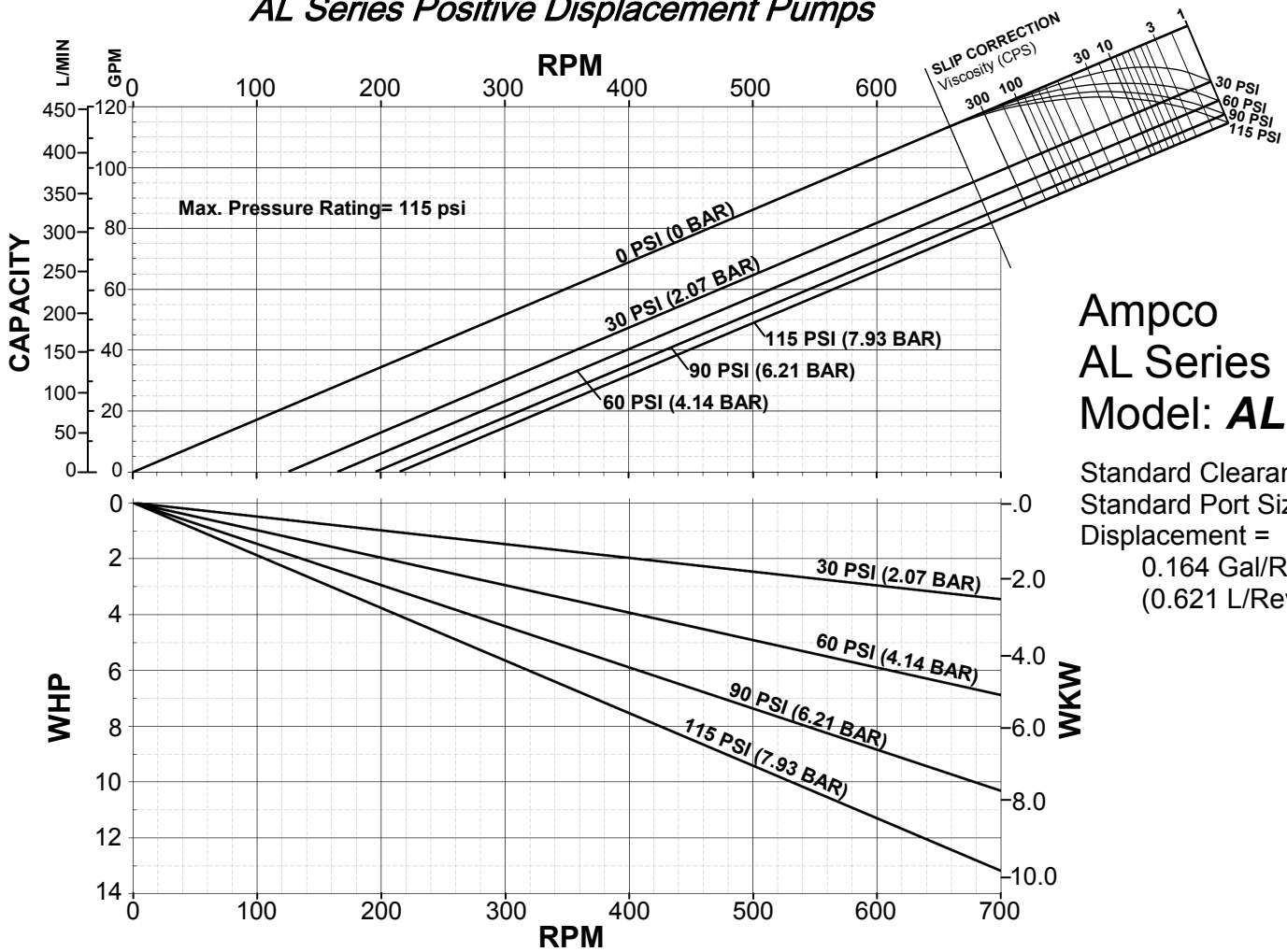
AL Series Model	22
C (G/rev)	.106
C (L/rev)	.401

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# AL Series Positive Displacement Pumps

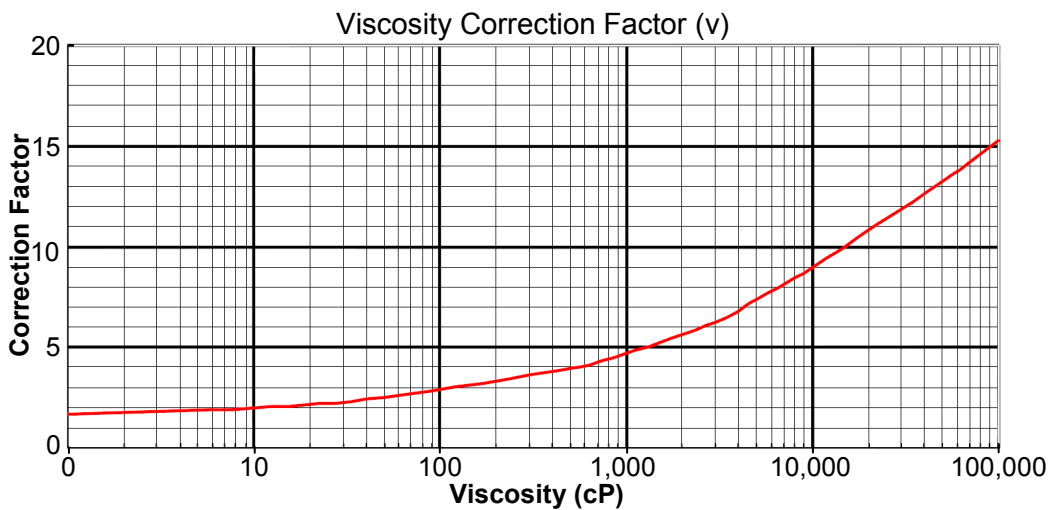


## Ampco AL Series Model: **AL25**

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

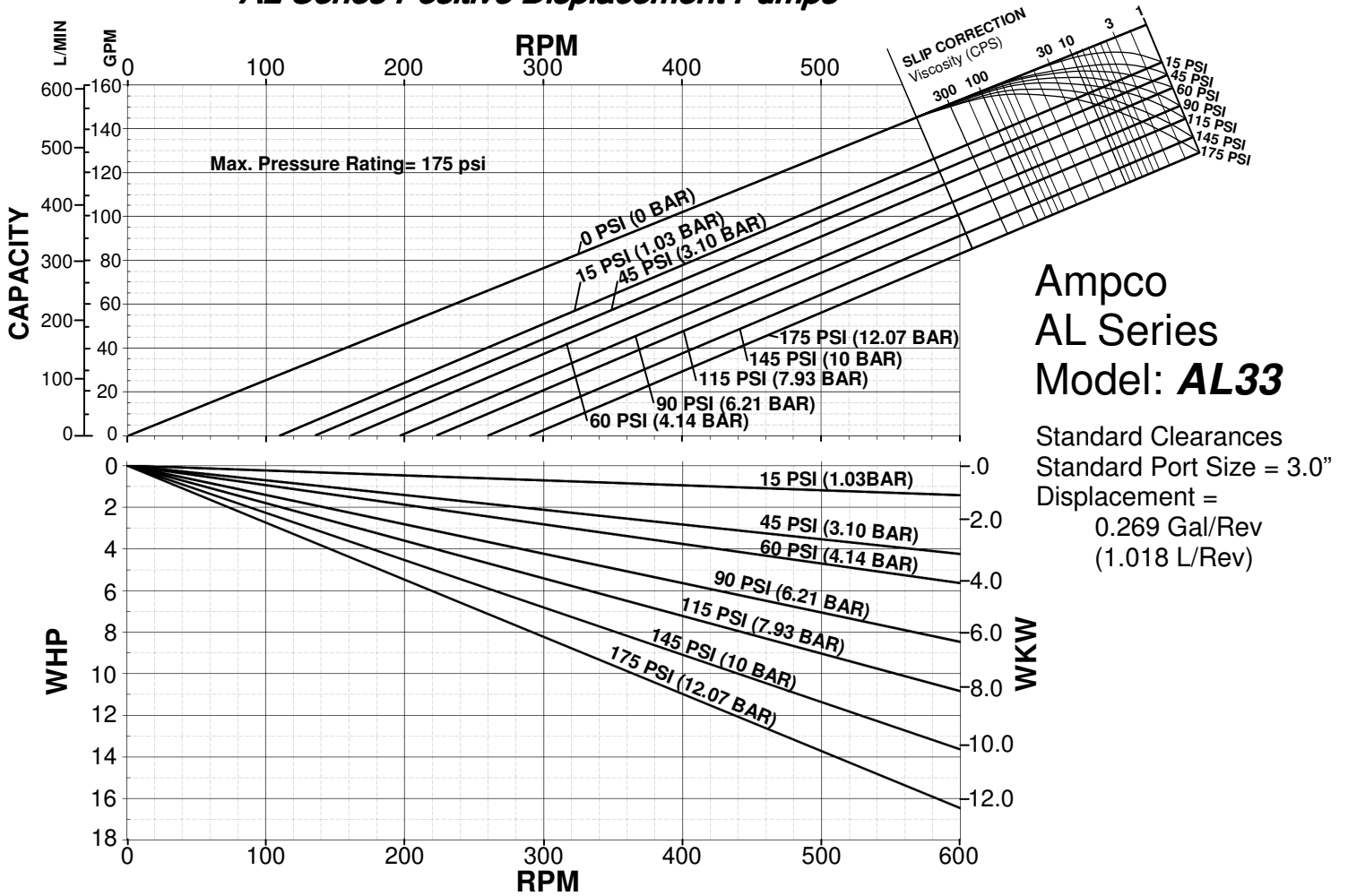
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# AL Series Positive Displacement Pumps

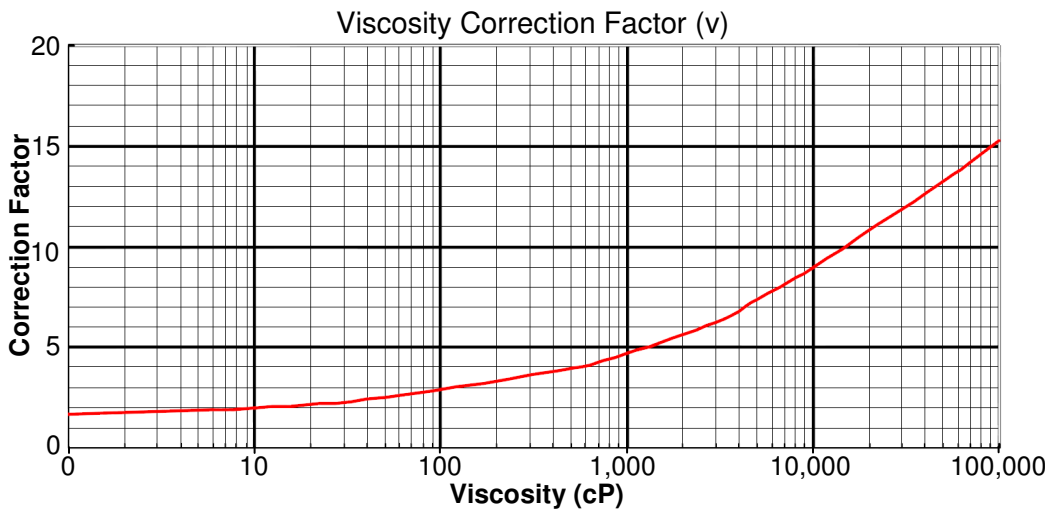


## Ampco AL Series Model: **AL33**

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)

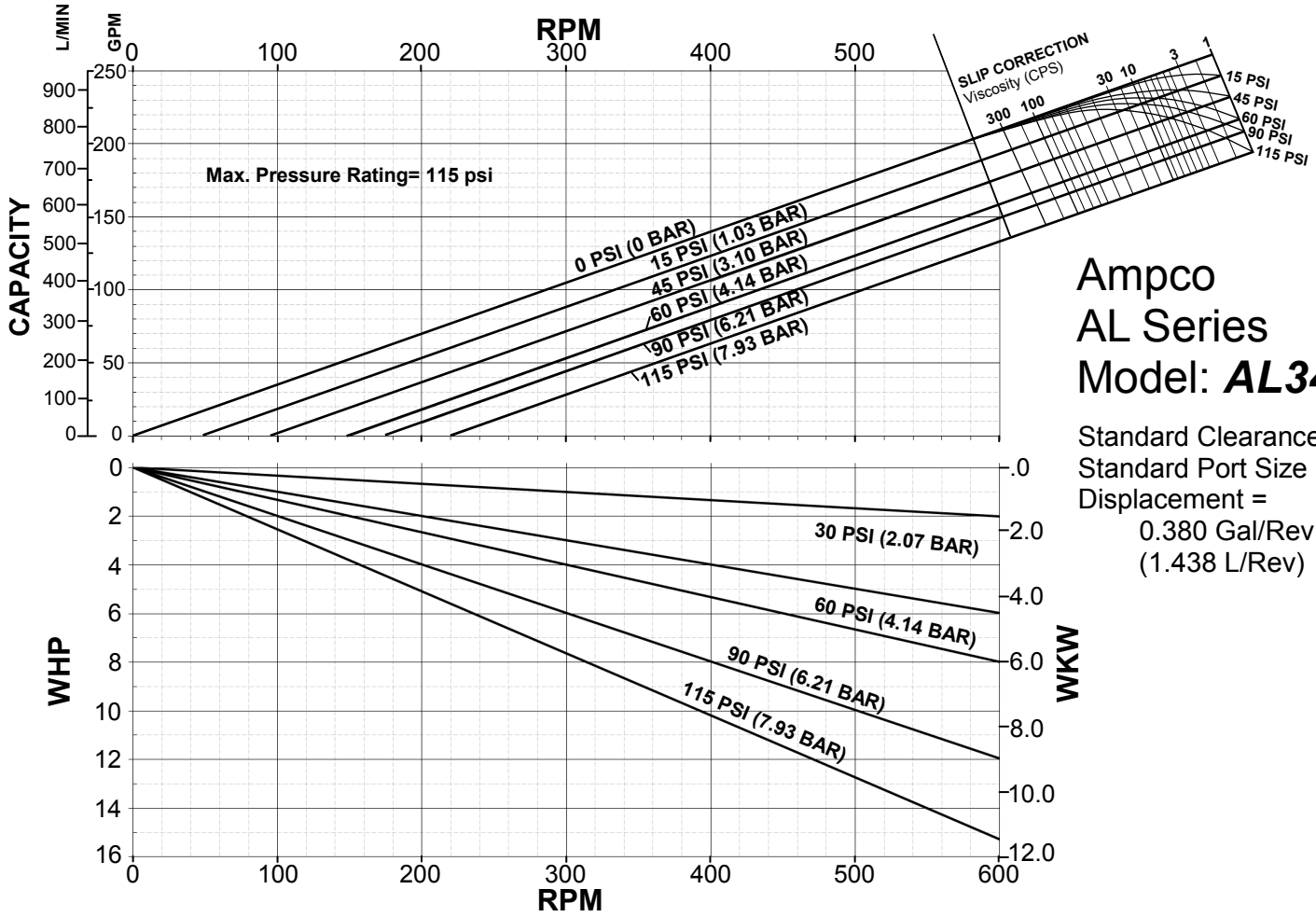
AL Series Model	33
C (G/rev)	.269
C (L/rev)	1.018

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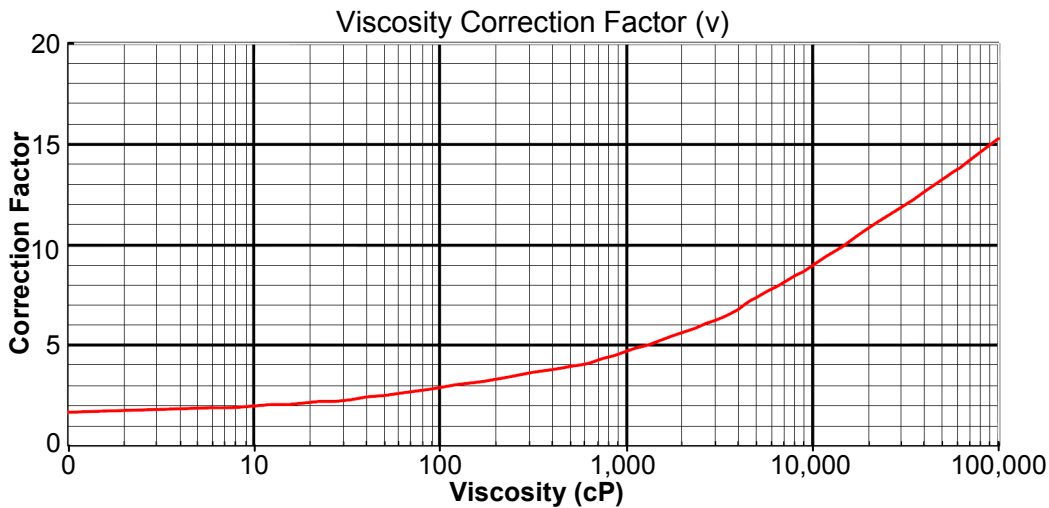
Website:  
[www.ampcopumps.com](http://www.ampcopumps.com)

# 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

(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	34
C (G/rev)	.380
C (L/rev)	1.438

### Ampco Pumps Company

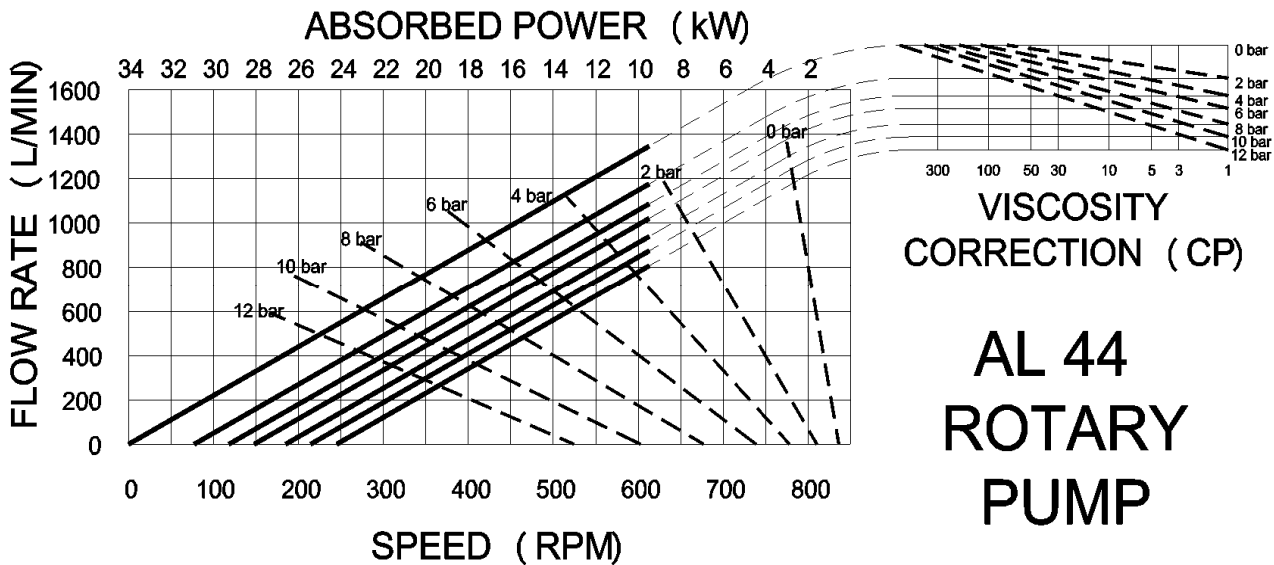
2045 West Mill Road  
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Phone: (800) 737-8671  
(414) 643-1852

Website:  
[www.ampcopumps.com](http://www.ampcopumps.com)



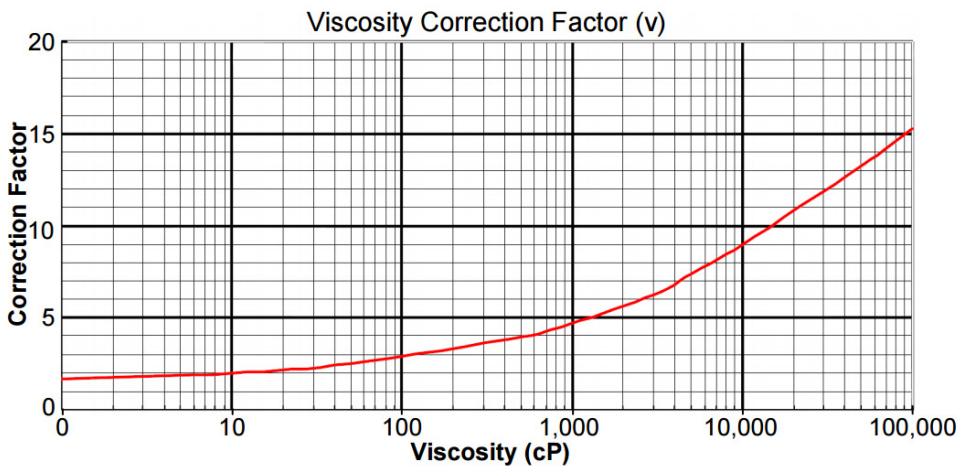
# AL Series Positive Displacement Pumps

## WATER CAPACITY AND ABSORBED POWER GRAPH



ABSORBED KW FIGURES ARE FOR 1 CP VISCOSITY

Standard Clearances  
 Standard Port Size = 4.0"  
 Displacement =  
 .60 Gal/Rev  
 2.27 L/Rev



Operating Specifications

- 0-500 RPM range
- 175 PSI (12.00 Bar) Max. Pressure
- Temperature range -40°F (-40°C) to 250°F (121°C)

(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)

**Subject to change without notice**

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

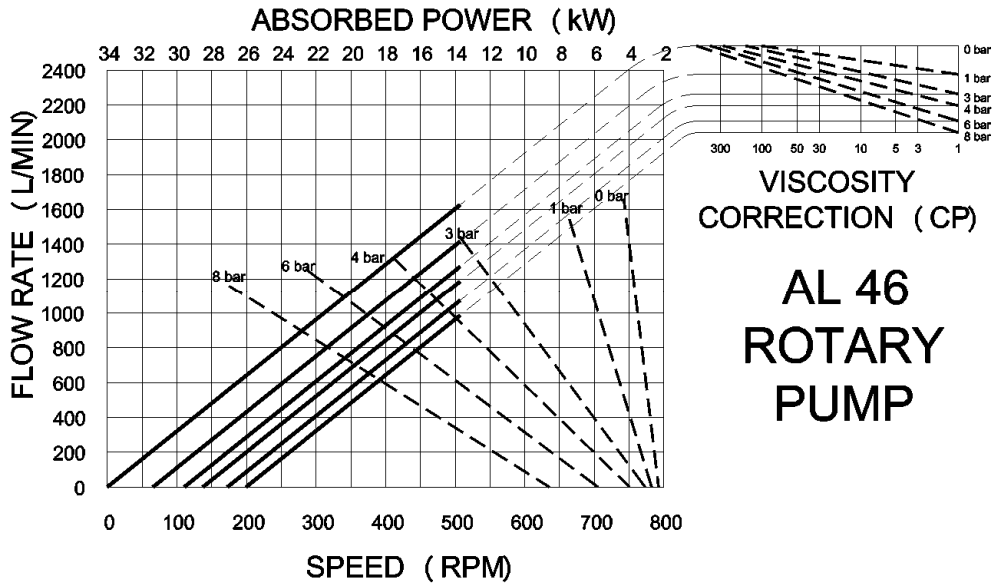
**Ampco Pumps Company**

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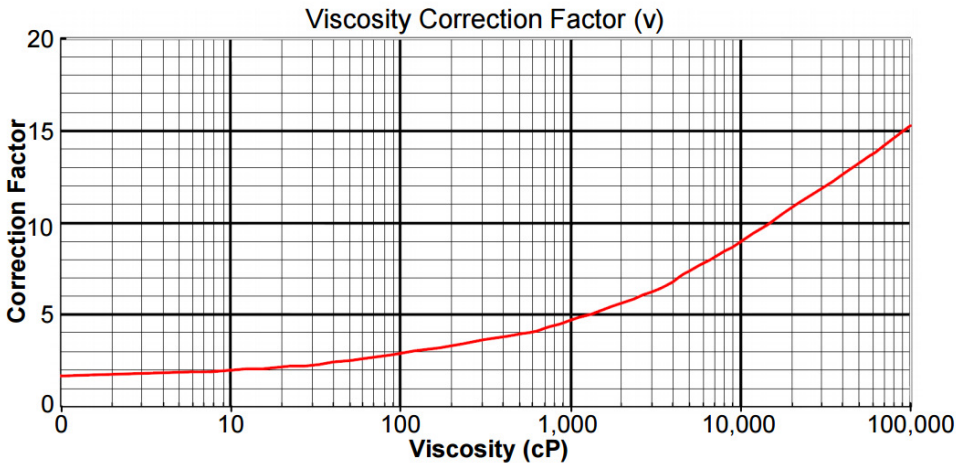
# AL Series Positive Displacement Pumps

## WATER CAPACITY AND ABSORBED POWER GRAPH



ABSORBED kW FIGURES ARE FOR 1 CP VISCOSITY

Standard Clearances  
 Standard Port Size = 6.0"  
 Displacement =  
 0.88 Gal/Rev  
 3.34 L/Rev



### Operating Specifications

- 0-500 RPM range
- 116 PSI (8.00 Bar) Max. Pressure
- Temperature range -40°F (-40°C) to 250°F (121°C)

(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)

**Subject to change without notice**

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

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