

ENGINEERING DATA SHEET



2545

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Date: 23 Jan.2009
Cancels: All Previous

Point of Manufacture - Campbellsville

Bare Details:

Specifications:

Bore: 5" & 2.75"
 Stroke: 3.5"
 Maximum pressure : 250(17.24) psig(bar)
 Sheave OD: 18"
 Sheave PD: 17.6"
 Inlet size: 1.25" NPT
 Discharge size: 0.75" NPT
 Belt Type / Quantity: B/1
 Min/Max RPM: 612/1050

Lubrication:

Type: XL300*, All-Season T30 Select**, XL740Ht***
 Sump capacity: 2.3(2.2) qt(l)

* Adjust viscosity to suit ambient conditions, XL300 should not be used in ambients below 40°F. Use premium quality, non-detergent, single-viscosity petroleum oils with R & O additives.

** Required for duty cycles above 70% load. Check lubricant compatibility sheet before using.

*** Required for ambients in excess of 100°F. Check lubricant compatibility sheet before using.

Tank Details:

Tank size / Configuration: 120 Gal/Horizontal; 120 Gal/Vertical
 Pressure rating: 200(13.8) psig(bar)
 Codes: ASME Sec VIII & CRN

Motor Details:**AMP draw:**

	200-3-60	230-3-60	460-3-60	575-3-60
10HP	32.2	28	14	11

Note: Nominal Amps are based on NEC full load amperage rating for this size motor. Actual nameplate amps may vary according to motor design and/or motor manufacturer.

	10 HP
Efficiency	*
Motor RPM	1775

* Motors comply with EPACT standards.

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Performance Data:

Bare	Power (HP)	Pressure (psig)	Pump Speed (rpm)	Flow (acfm)	BHP
2545	10	75	1050	35.8	8.7
2545	10	125	1050	35.2	10.0
2545	10	175	1050	35.0	11.0

Note: 1) Duplex units multiply capacity by two

Operating Environment:

Minimum operating temperature: -15(-26) deg.F(deg.C)

Maximum operating temperature: 115(46.11) deg.F(deg.C)

Note: Below 40°F, crankcase heaters and freeze protection is required.

Electricals:

Magnetic starter: E-Series standard; Deluxe optional

Pressure switch: Non-adjustable standard; Adjustable optional

Alternator: E-Series standard; Deluxe optional

Dimensions & Shipping weight:

	10 HP Vertical Tank	10 HP Horizontal Tank
L x W x H (in):	51 x 46 x 82.5	83 x 36 x 65
Weight (lbs):	1104	1104

Note: For model specific dimensions and weight contact your channel marketing manager.

- Notes:**
- 1) For specific code requirements like CSA, CRN, ASME contact your channel marketing manager.
 - 2) For model specific GA, electrical schematic and fluid flow schematic or any specific information contact your channel marketing manager.