

### PRODUCT DATA SHEET

July, 2009

### T4A60 SELF-PRIMING PUMP (SELWOOD CONVERSION)

#### GENERAL INFORMATION

Original Selwood 150 SA chassis fitted with the Gorman-Rupp model T4 self priming trash pump. This is a straightforward pumping system without any complicated priming system.

#### PERFORMANCE DATA

» Speed (min/max):	- 1300 rpm / 1950 rpm
» Minimum Shutoff Head:	- 60 feet (26 psi) <sup>(1)</sup>
» Maximum Shutoff Head:	- 132 feet (57 psi) <sup>(1)</sup>
» Maximum Suction Lift:	- 25 feet <sup>(2)</sup>
» Flow (min/max):	- 150 gpm / 725 gpm
» Maximum Casing Press:	- 86 psi
» Maximum Temperature:	- 160°F
» Maximum Solids Size:	- 3" spherical diameter

#### PUMP SPECIFICATIONS

» Impeller:	- 9.75", open type, two vanes
» Bearing Lubrication:	- Oil
» Vacuum System:	- None
» Mech. Seal Lubrication:	- Oil

#### PHYSICAL SPECIFICATIONS

» Suction Size:	- Four-inch flange/female NPT
» Discharge Size:	- Four-inch flange/female NPT
» Total Weight:	- 2500 lbs. (approx.) <sup>(4)</sup>
» Overall Height:	- 5'-0"
» Overall Width:	- 5'-5"
» Overall Length:	- 9'-0"

#### MATERIAL SPECIFICATIONS

» Pump Casing:	- Gray Iron No. 30
» Shaft Sleeve:	- Alloy steel No. 4130
» Wear Plate:	- Carbon steel No. 1015
» Mechanical Seal Faces:	- Silicon carbide
» Cover Plate:	- Gray Iron No. 30
» Pump Shaft:	- Alloy steel No. 4140
» O-rings:	- Buna-N
» Impeller:	- Ductile Iron No. 65-45-12
» Check Valve Flapper:	- Neoprene w/steel reinforcing

#### ENGINE SPECIFICATIONS

» Engine Make/Model:	- John Deere 4020D
» Net BHP:	- 34 @ 2000 rpm
» Crankcase Oil:	- 10 quarts of SAE10W40 <sup>(3)</sup>
» Safety Shutdowns:	- Low oil pressure
» Fuel Capacity:	- Either 28 or 90 gallons depending on trailer type
» Fuel Consumption:	- 1.2 gallons per hour
» Coolant Capacity/Type:	- 4.9 qt. 50/50 water/antifreeze
» Number of Cylinders:	- Four
» Fuel Filter:	- John Deere T111383
» Oil Filter:	- Fram PH3593A
» Engine Air Filter:	- Donaldson P821575

#### Notes:

- <sup>(1)</sup> Based on 1.0 specific gravity
- <sup>(2)</sup> Depends on flowrate and pump speed
- <sup>(3)</sup> Midrange compromise. See John Deere manual
- <sup>(4)</sup> Includes weight of trailer, pump and engine

**SELF-PRIMING PUMP CURVE**

July, 2009

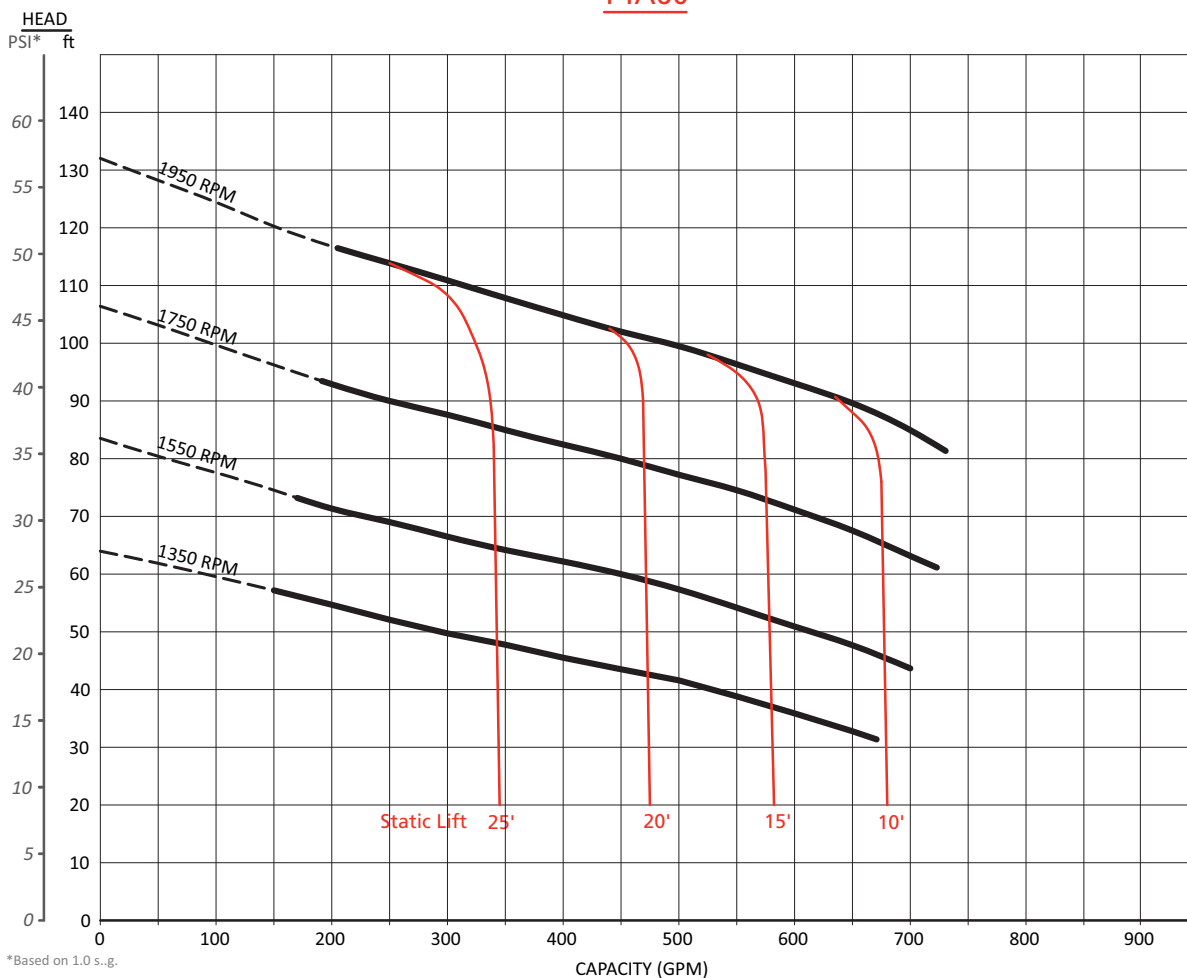
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**T4A60**



**PUMP**

MODEL	T4A60
CURVENO.	T4A-B-4
SUCTION	4-inch
DISCHARGE	4-inch
MAXSOLID	3-inch
IMP. DIA.	9.75 inches
SPEED	Various
MIN SPEED	1300 RPM

**DRIVER**  
 Diesel engine and electric motor driven versions are available. Consult your local BakerCorp representative for availability.

