

Model: CW**Size: 5X4-17****Group: F6E2****60Hz****RPM Variable****Stages: 1**

Job/Inq.No. :

Purchaser : UNDEFINED

End User :

Item/Equip.No. : ITEM 001

Issued by :

Quotation No. :

Date : 09/14/2011

Service :

Order No. :

Rev. : 0

Operating Conditions

Liquid: Water
Temp.: 70.0 deg F
S.G./Visc.: 1.000/1.000 cp
Flow: 300.0 gpm
TDH: 230.0 ft
NPSHa: 0.0 ft
Solid size:
% Susp. Solids
(by wtg):
Max. Solids Size: 1.0000 in

Pump Performance @ 1563 RPM

Published Efficiency: 33.5 %
Rated Pump Efficiency: 33.5 %
Rated Total Power: 51.6 hp
Non-Overloading Power: 108.4 hp
Imp. Dia. First 1 Stg(s): 17.0000 in
NPSHr: 6.7 ft
Shut off Head: 237.7 ft
Vapor Press:

Suction Specific Speed: 5,316 gpm(US) ft
Min. Hydraulic Flow: 323.5 gpm
Min. Thermal Flow: N/A

Notes: 1. The Mechanical seal increased drag effect on power and efficiency is not included, unless the correction is shown in the appropriate field above. 2. Magnetic drive eddy current and viscous effect on power and efficiency is not included. 3. Elevated temperature effects on performance are not included. 4. Non Overloading power does not reflect v-belt/gear losses.

