

Model: 3196**Size: 2X3-6****Group: STX****60Hz****RPM: 3500****Stages: 1**

Job/Inq.No. :

Purchaser : UNDEFINED

End User :

Item/Equip.No. : ITEM 001

Service :

Order No. :

Issued by : steven christian

Quotation No. : sc08-07-23 01

Date : 07/23/2008

Operating Conditions

Liquid: Water
Temp.: 70.0 deg F
S.G./Visc.: 1.000/1.000 cp
Flow: 250.0 gpm
TDH: 25.0 ft
NPSHa:
Solid size:
% Solids:
Max. Solids Size: 0.3750 in

Pump Performance

Actual Pump Eff.: 54.0 %
Actual Pump Power: 3.2 hp
Total Power Loss: 0.00 hp
Rated Total Power: 3.2 hp
Imp. Dia. First 1 Stg(s): 4.0000 in
NPSHr: 18.7 ft
Shut off Head: 54.0 ft
Vapor Press:
Suction Specific Speed: 8,473 gpm(US) ft
Min. Hydraulic Flow: 26.4 gpm
Min. Thermal Flow: N/A
Non-Overloading Power: 3.3 hp

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 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.

