

**Model: 3196****Size: 1X2-10****Group: MTi****60Hz****RPM: 1750****Stages: 1**

Job/Inq.No. :

Purchaser : UNDEFINED

End User:

Issued by :

Item/Equip.No. : ITEM 001

Quotation No. :

Date : 06/25/2014

Service :

Order No. :

Rev. : 0

**Operating Conditions**

Liquid: Water  
Temp.: 70.0 deg F  
S.G./Visc.: 1.000/1.000 cp  
Flow: 40.0 gpm  
TDH: 70.0 ft  
NPSHa: 0.0 ft  
Solid size:  
% Susp. Solids  
(by wtg):

**Pump Performance**

Published Efficiency: 35.5 %  
Rated Pump Efficiency: 35.5 %  
Rated Total Power: 2.0 hp  
Non-Overloading Power: 2.6 hp  
Imp. Dia. First 1 Stg(s): 7.8750 in  
NPSHr: 2.0 ft  
Shut off Head: 74.1 ft  
Vapor Press:  
Suction Specific Speed: 7,982 gpm(US) ft  
Min. Hydraulic Flow: 3.9 gpm  
Min. Thermal Flow: N/A  
Max. Solids Size: 0.4380 in

**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.

