



Company: National Energy Equipment

Name:

Date: 5/8/2009

Pump:

Size: 02C-X2-2
 Type: O-Series
 Synch speed: 3600 rpm
 Curve: 02C-X2-2
 Specific Speeds:
 Dimensions:
 Speed: 3450 rpm
 Dia: 3.75 in
 Impeller: 5247-A
 Ns: ---
 Nss: ---
 Suction: 2 in
 Discharge: 2 in

Search Criteria:

Flow: --- Head: ---

Fluid:

Water
 SG: 1
 Viscosity: 1.105 cP
 NPSHa: ---
 Temperature: 60 °F
 Vapor pressure: 0.2563 psi a
 Atm pressure: 14.7 psi a

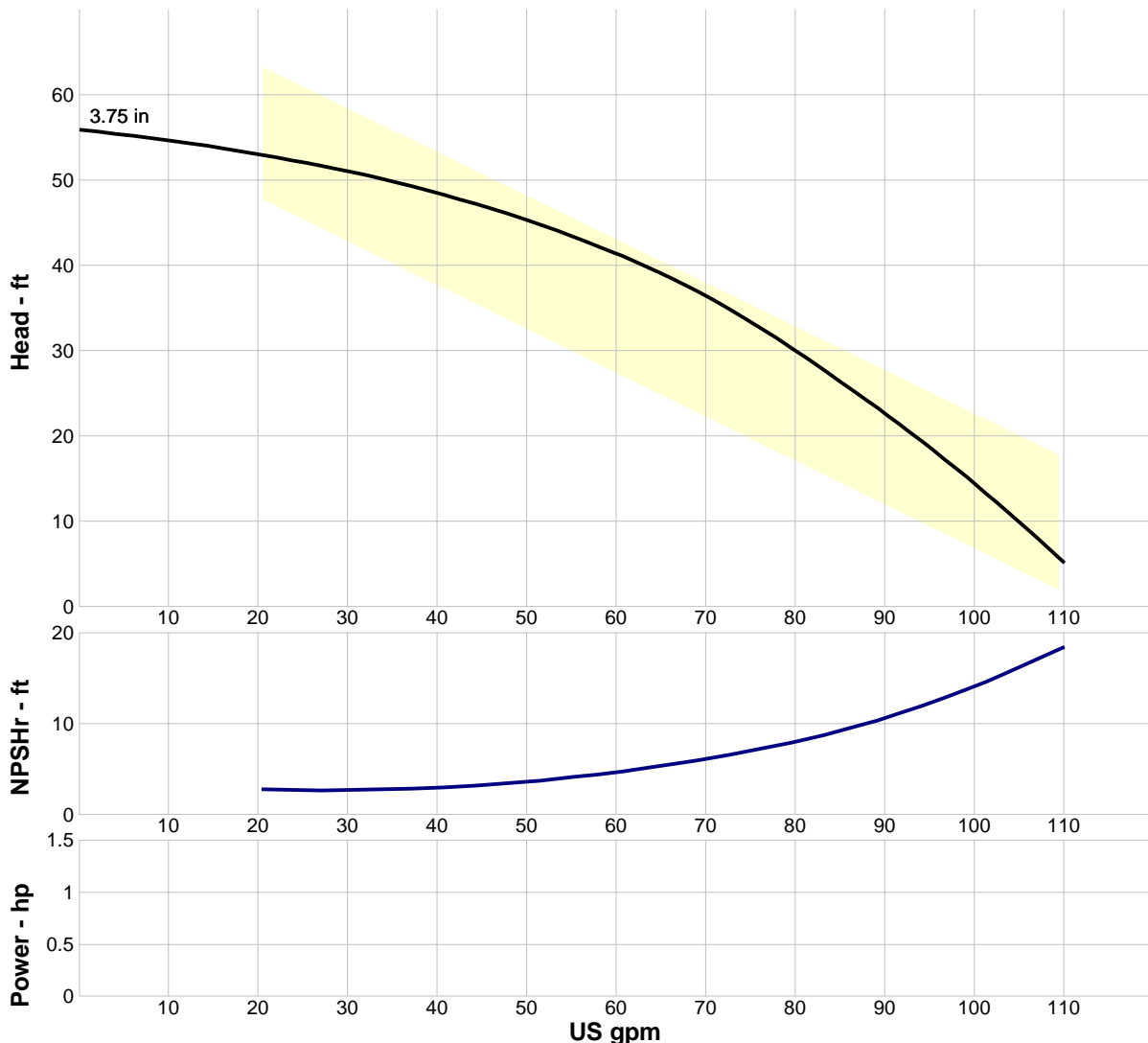
Motor:

Standard: NEMA ---
 Enclosure: TEFC
 Sizing criteria: Max Power on Design Curve
 Speed: ---
 Frame: ---

Pump Limits:

Temperature: ---
 Pressure: ---
 Sphere size: ---
 Power: ---
 Eye area: ---

---- Data Point ----	
Flow:	0 US gpm
Head:	55.9 ft
Eff:	--- %
Power:	---
NPSHr:	1.94 ft
---- Design Curve ----	
Shutoff head:	55.9 ft
Shutoff dP:	24.2 psi
Min flow:	---
BEP:	--- %
NOL power:	---



Performance Evaluation:

Flow US gpm	Speed rpm	Head ft	Efficiency %	Power hp	NPSHr ft
106	3450	8.84	---	---	16.8
88	3450	24.1	---	---	10.1
70.4	3450	36.1	---	---	6.3
52.8	3450	44.2	---	---	3.98
35.2	3450	49.7	---	---	2.87