



Company: Bonneville Power Administration

Name:

Date: 2/8/2007

Selection: FPI

Pump:

Size: AF36-30-392

Type: AXIAL FLOW

Synch speed: 400 rpm

Curve:

Specific Speeds:

Dimensions:

Speed: 392 rpm

Line: A (36)

Impeller:

Ns: ---

Nss: ---

Suction: --- in

Discharge: --- in

Pump Limits:

Temperature: --- °F

Pressure: --- psi g

Sphere size: --- in

Power: --- hp

Eye area: --- in²

Search Criteria:

Flow: --- US gpm

Head: --- ft

Fluid:

Water

Density: 62.25 lb/ft³

Viscosity: 1.105 cP

NPSHa: --- ft

Temperature: 60 °F

Vapor pressure: 0.2563 psi a

Atm pressure: 14.7 psi a

Motor:

Standard: NEMA

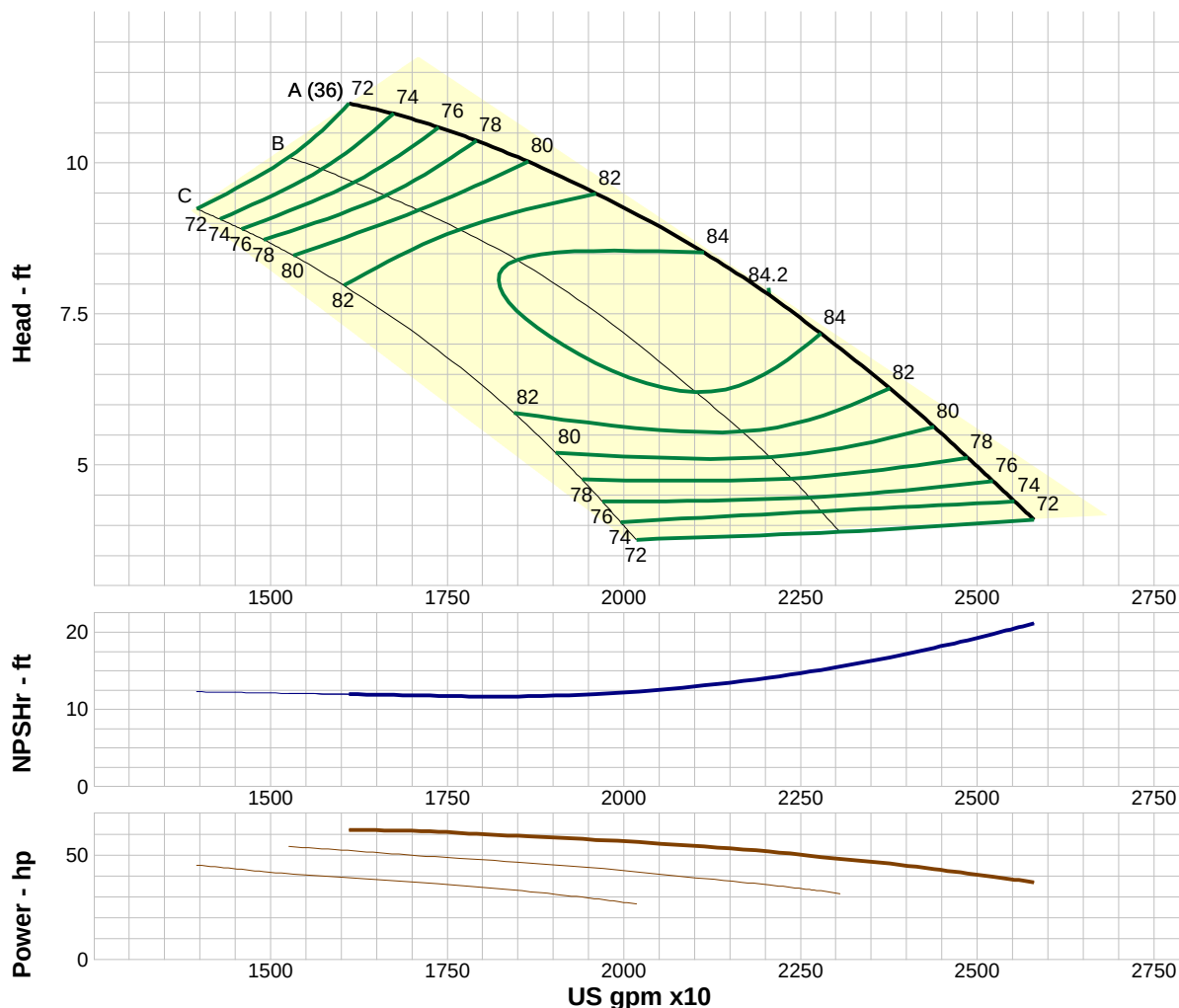
Enclosure: TEFC

--- hp

Speed: ---

Frame: ---

Sizing criteria: Max Power on Design Curve



The performance is guaranteed for the design point only when pumping clean water at 85 degrees F. Consult factory for certified performance curve.

Performance Evaluation:

Flow US gpm	Speed rpm	Head ft	Efficiency %	Power hp	NPSHr ft
24767	392	5.22	78.4	41.6	18.8
20639	392	8.83	83.4	55.1	12.7
16511	392	10.9	73.3	61.9	11.9
12383	392	---	---	---	---
8256	392	---	---	---	---