



Company: Bonneville Power Administration

Name:

Date: 2/8/2007

Selection: FPI

Pump:

Size: AF20-18-585

Type: AXIAL FLOW

Synch speed: 600 rpm

Curve:

Specific Speeds:

Dimensions:

Speed: 585 rpm

Line: A (20)

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

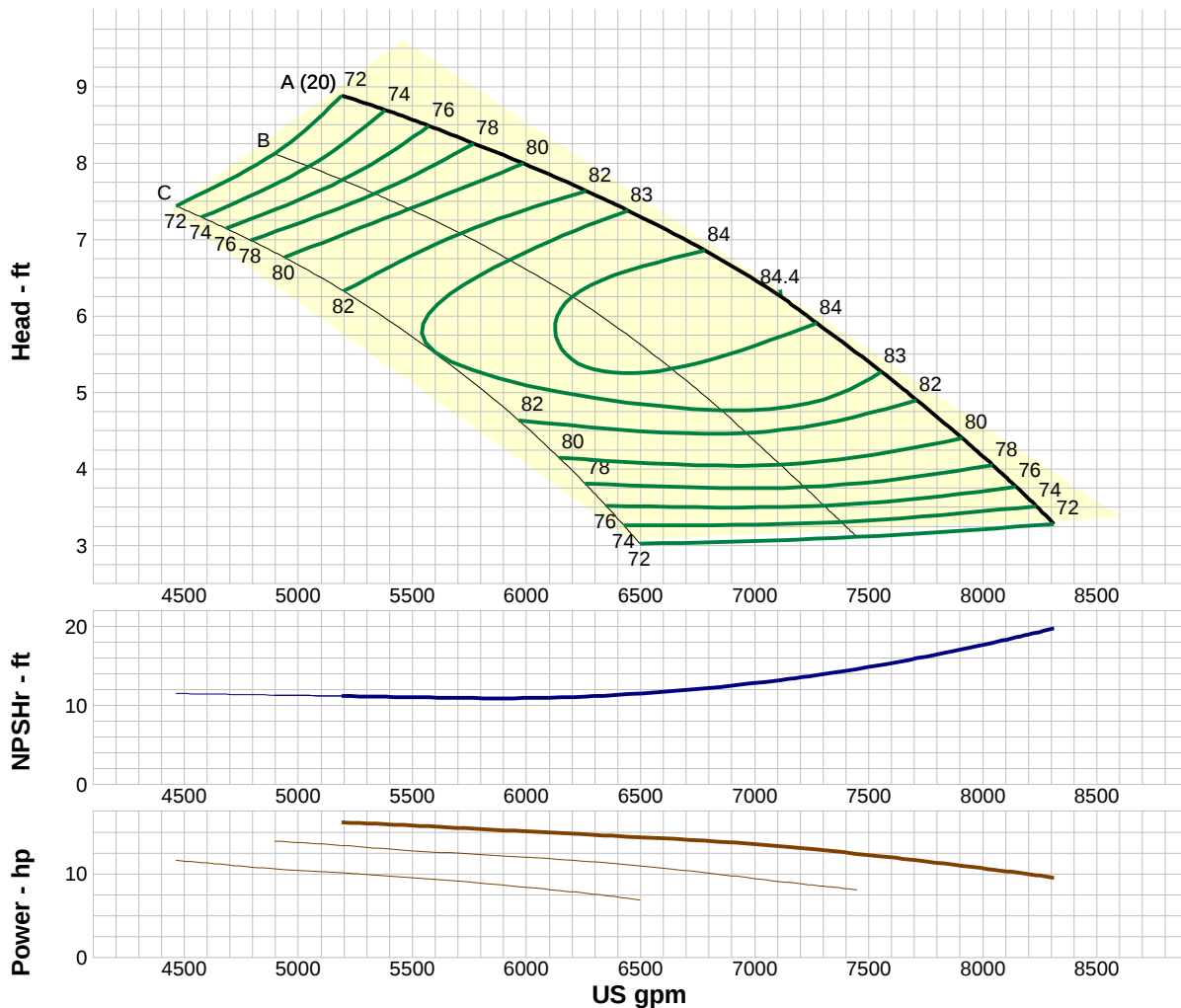
Enclosure: TEFC

--- 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
7978	585	4.22	78.9	10.8	17.6
6648	585	7.06	83.6	14.2	11.9
5318	585	8.75	73.4	16	11.2
3989	585	---	---	---	---
2659	585	---	---	---	---