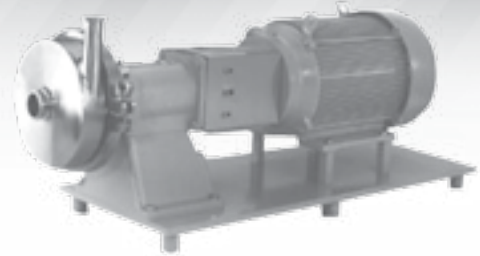


Models P2085HP and P2085LV

HIGH PRESSURE CENTRIFUGAL PUMPS



Features

- Manufactured for recirculating service in reverse osmosis and other membrane systems operating up to 1000 psi.
- Sanitary construction for food and dairy processing service.
- Strong cast iron bearing frames, that provide support for the pump independent of the motor.
- Coupling alignment is assured by motor flange adapter which ensures longer pump life by reducing coupling wear, bearing loads and improved shaft seal conditions.
- Large bearings with non-wearing labyrinth seals for longer life; low maintenance.
- Equipped with a balanced double shaft seal with buffer fluid ports on the top and bottom to permit complete removal of air/vapor from the seal chamber.
- Impeller is keyed and bolted to the large diameter stainless steel shaft. A balance drum is incorporated in the impeller to reduce axial shaft loads on thrust bearing.
- Mounted on heavy plate steel bases with adjustable sanitary legs.

Specifications

Model P2085HP

Inlet Size:	2 ^{1/2} "
Outlet Size:	2"
*Max. Head:	340 Ft. TDH
*Max. Flow	400 US GPM (90 m ³ /h)

* BASED ON 3500 RPM

Max. Discharge pressure: 1000 psi

Seal: Double Mechanical (Balanced)

Impeller Type: Semi-Open (Balanced)

Inlet and Discharge Fittings: As specified

Max. RPM: 3500

Bearings: Ball

Lubrication: Grease

Coupling: Wood's Type S

Driver: NEMA C Frame Motors (standard)

Model P2085HPLV

Inlet Size:	2"
Outlet Size:	1 ^{1/2} "
*Max. Head:	330 Ft. TDH
*Max Flow:	140 US GPM (31 m ³ /h)

* BASED ON 3500 RPM

Casing: 17-4PH Stainless Steel (polished)

Impeller: 316 Stainless Steel (polished)

Shaft: 316 Stainless Steel

Gaskets/O-Rings: FKM (Fluorocarbon)

Seal Face Product: Silicon Carbide/Silicon Carbide (std.)

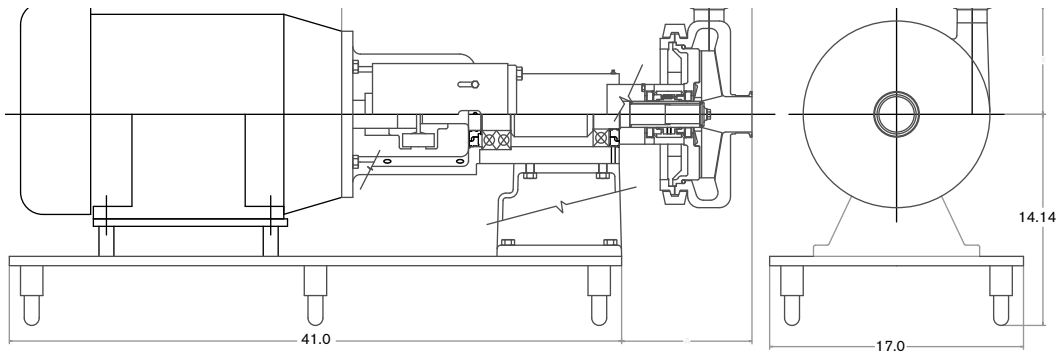
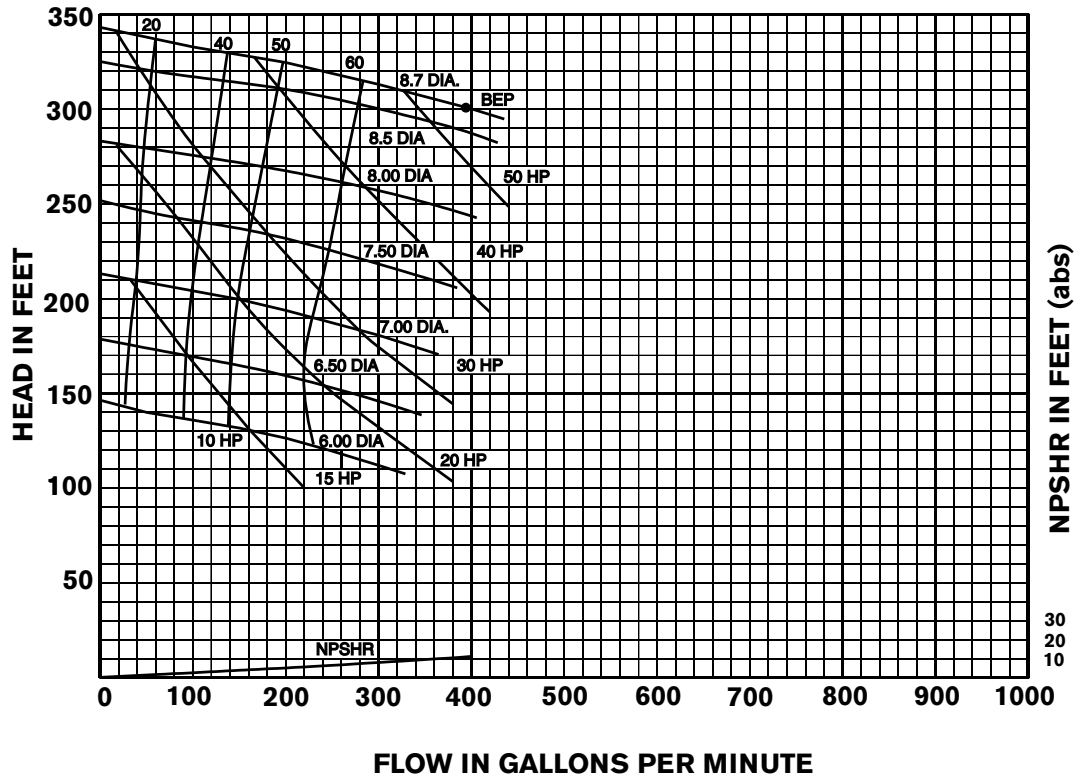
Seal Face Flush: Carbon/PUREBIDE (std.)

Bearing Housing: Cast Iron (epoxy paint)

Base: Steel (epoxy paint)

Model B2085HP Capacity Curves 2-1/2 X 2 3500 RPM

CAPACITY CURVES MODEL 2085HP 2 1/2" x 2" 3500 RPM



Global locations

USA

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