

# Model P2065HPLV High Pressure Centrifugal Pump



## FEATURES

- Manufactured for recirculating service in reverse osmosis and other membrane systems operating up to 600 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

**Max. Discharge pressure:** 600 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)

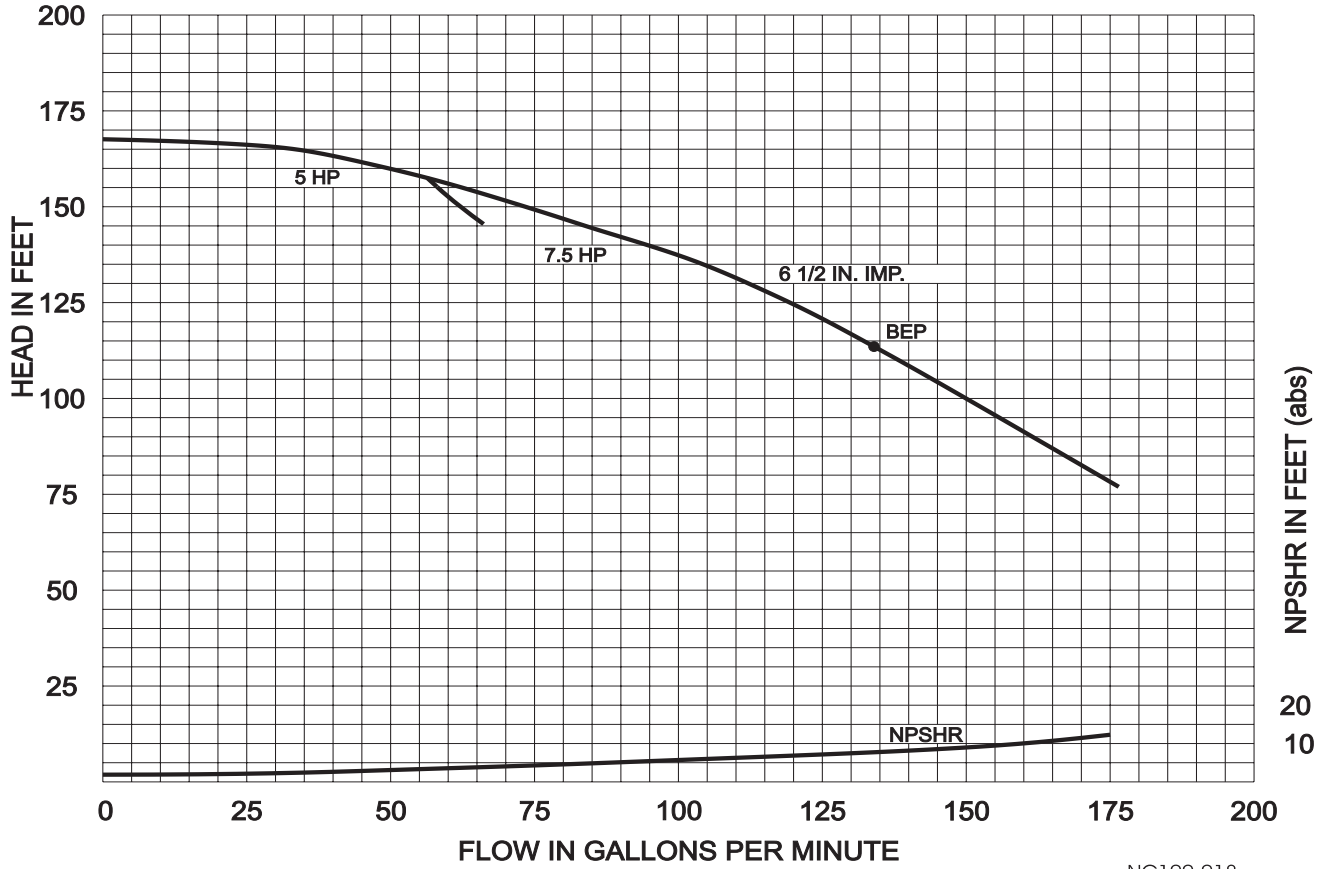
**Casing:** 316 Stainless Steel (polished)  
**Impeller:** 316 Stainless Steel (polished)  
**Shaft:** 316 Stainless Steel  
**Gaskets/O-Rings:** FKM (Fluorocarbon)  
**Seal Face Product:** Silicon Carbide/Silicon Carbide (std.)  
**Seal Face Flush:** Carbon/PUREBIDE (std.)  
**Bearing Housing:** Cast Iron (epoxy paint)  
**Base:** Steel (epoxy paint)

### Model P2065HPLV

Inlet Size: 2"  
Outlet Size: 1-1/2"  
\*Max. Head: 165 Ft. TDH  
\*Max Flow: 175 US GPM

\* Based on 3500 RPM

CAPACITY CURVE HP2065LV 2 X 1 1/2 3500 RPM



NC100-018

