



# END-SUCTION CENTRIFUGAL PUMPS

Series: 1000/1004-IB  
1 - 15 HP / 1750 & 3500RPM  
Suction: 2" - 3"NPT  
Discharge: 1½" - 2½"NPT



## APPLICATIONS

- ▶ Booster systems
- ▶ Water transfer
- ▶ Chilled water system
- ▶ High flow-rate / medium pressure

## VOLUTE

Cast iron ASTM A-48 class 30.

## INTERMEDIATE COUPLING

Cast iron ASTM A-48 class 30.

## IMPELLER

- ▶ Stainless steel 304
- ▶ Investment casting
- ▶ Dynamically balanced

## SEAL

**Design:** mechanical, type 01.

**Material:** Ceramic stationary part, carbon ring seal and exclusion in the rotating part. Buna-N elastomer and stainless steel spring.

## SHAFT SLEEVE

Stainless steel.

## O-RINGS

Buna-N.

## MOTOR

High quality premium efficiency TEFC or ODP electric motors, designed & developed in accordance with industry standards for industrial and commercial pumping applications.

- ▶ 1 & 3 phases, 60 Hz
- ▶ Rated output: 1 to 15 HP
- ▶ 1750 & 3500 RPM
- ▶ Frame sizes: 143 JM to 254 JM

## HARDWARE

Carbon steel.

## PAINT

Air dry enamel, water based.

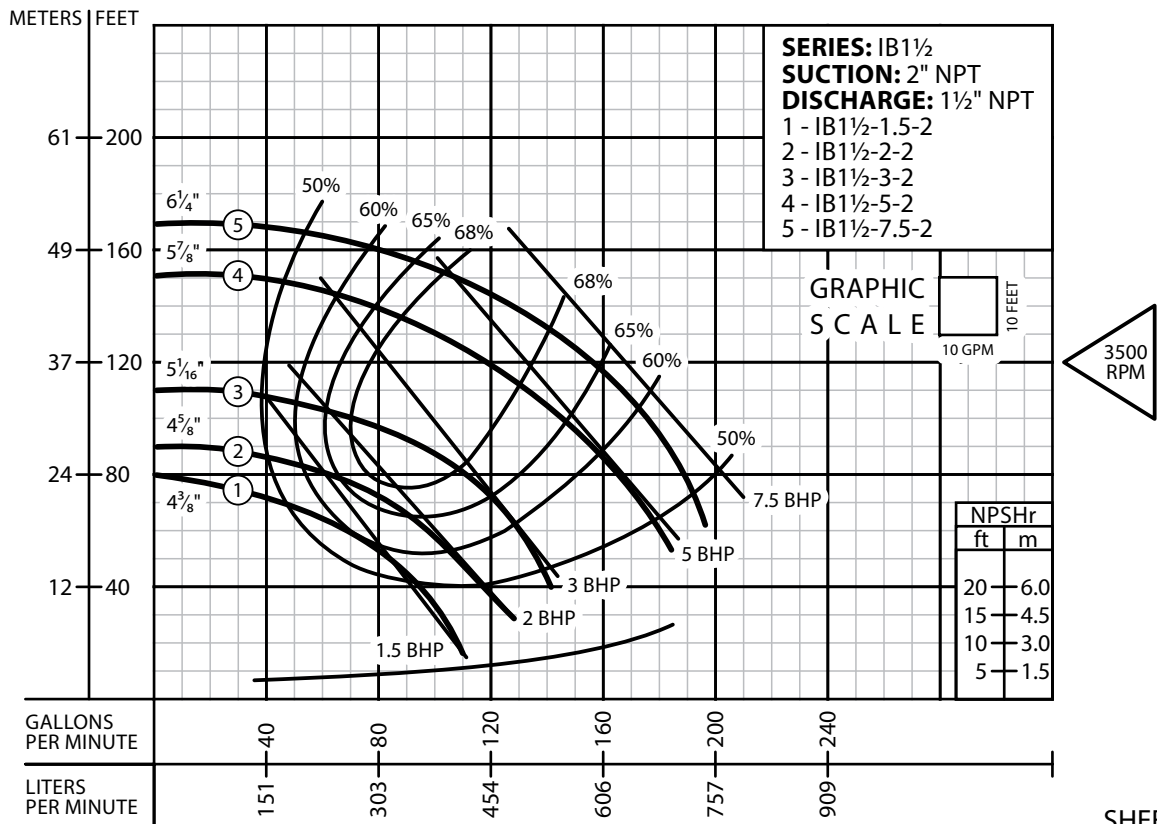
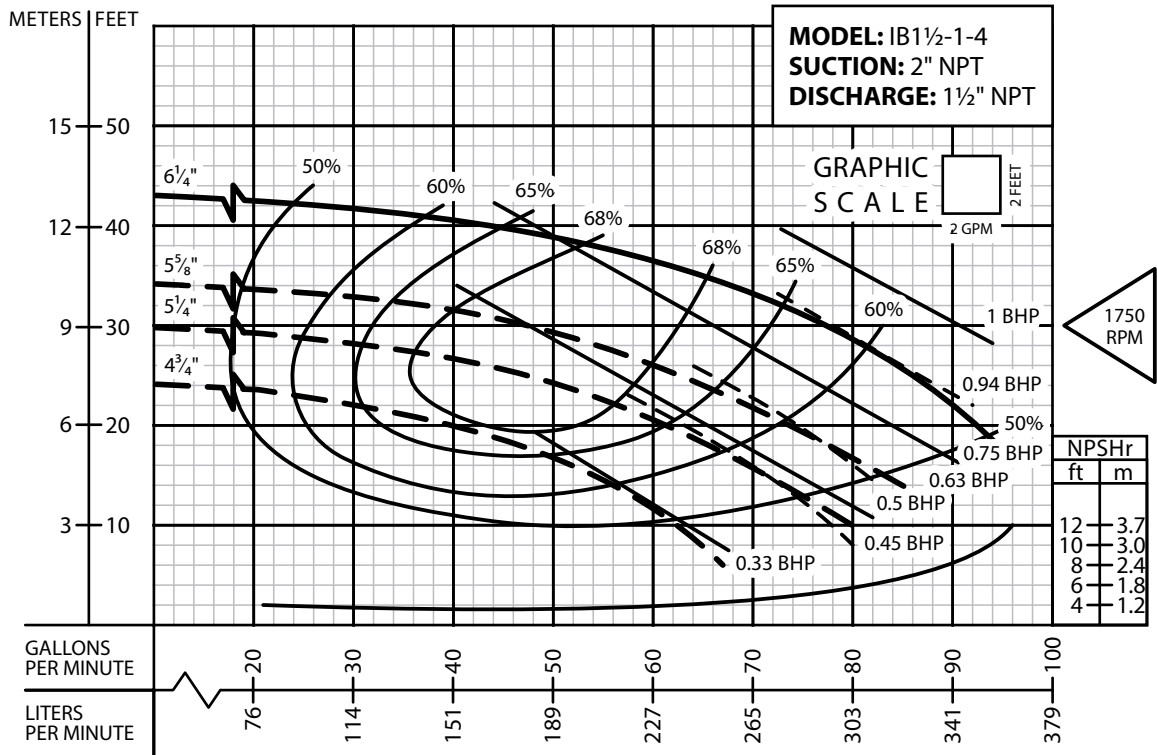




# PERFORMANCE CURVE

## End-Suction Centrifugal Close Coupled

### Series: 1000/1004-IB1½

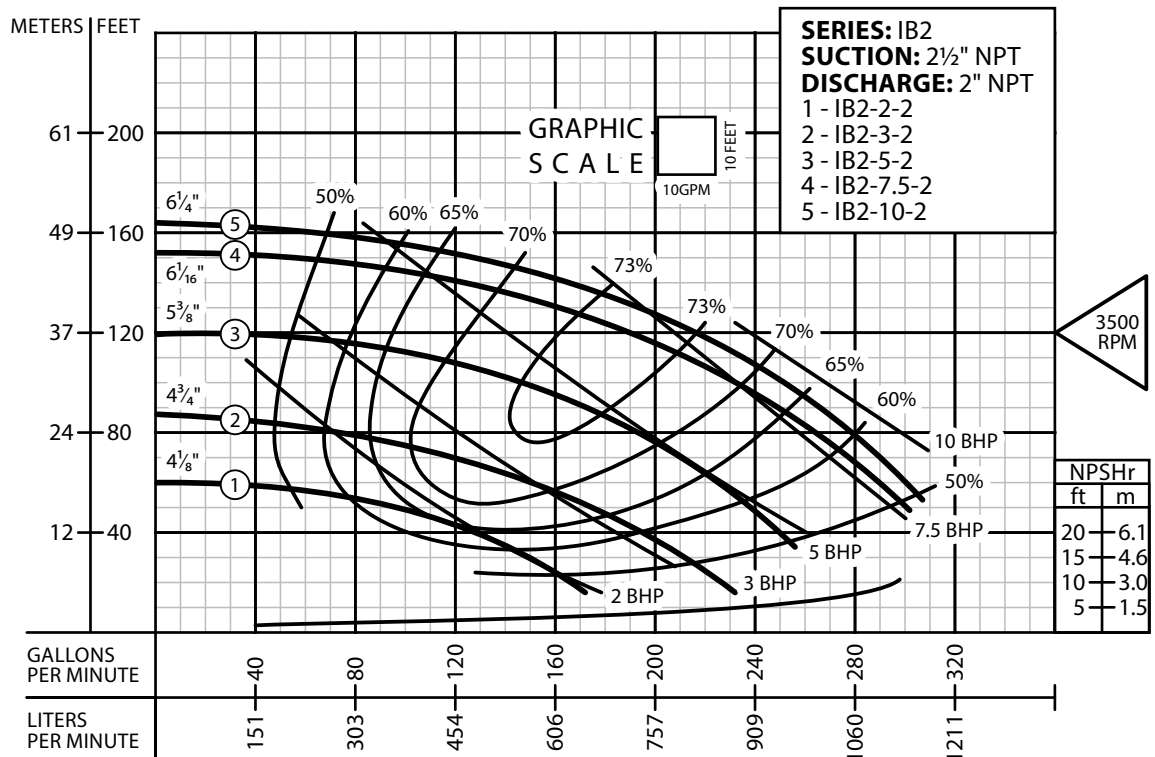
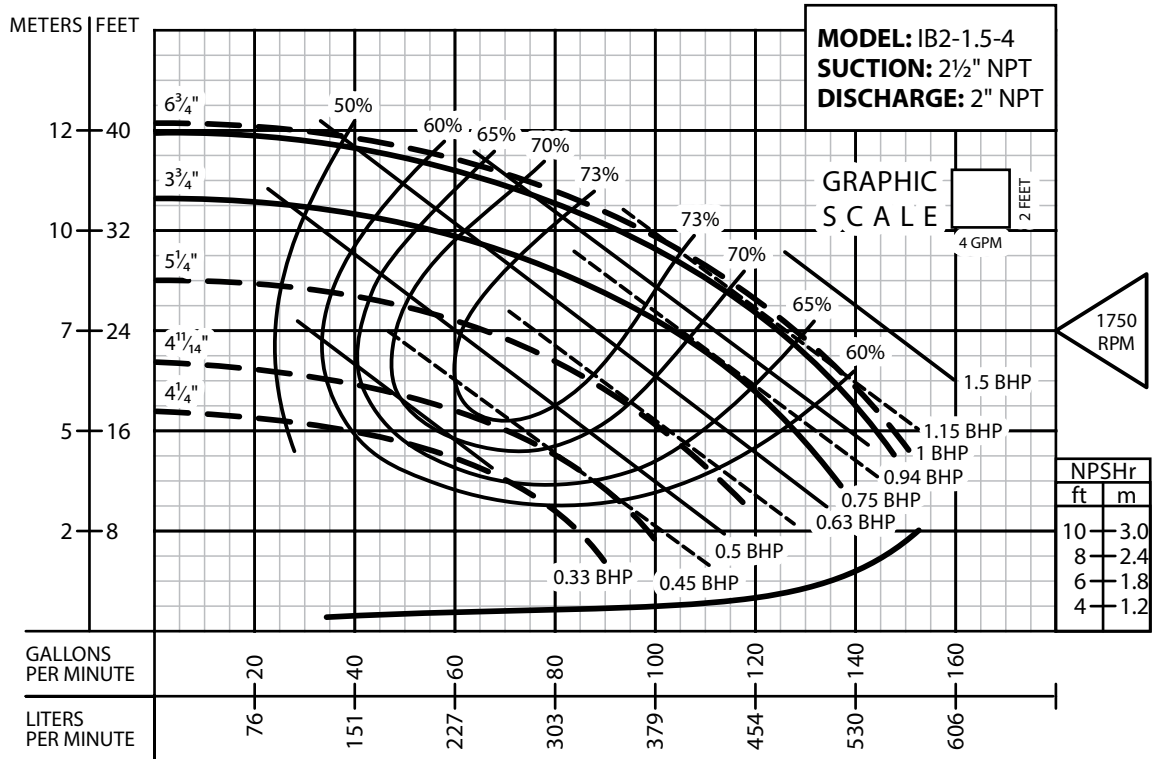




# PERFORMANCE CURVE

## End-Suction Centrifugal Close Coupled

### Series: 1000/1004-IB2

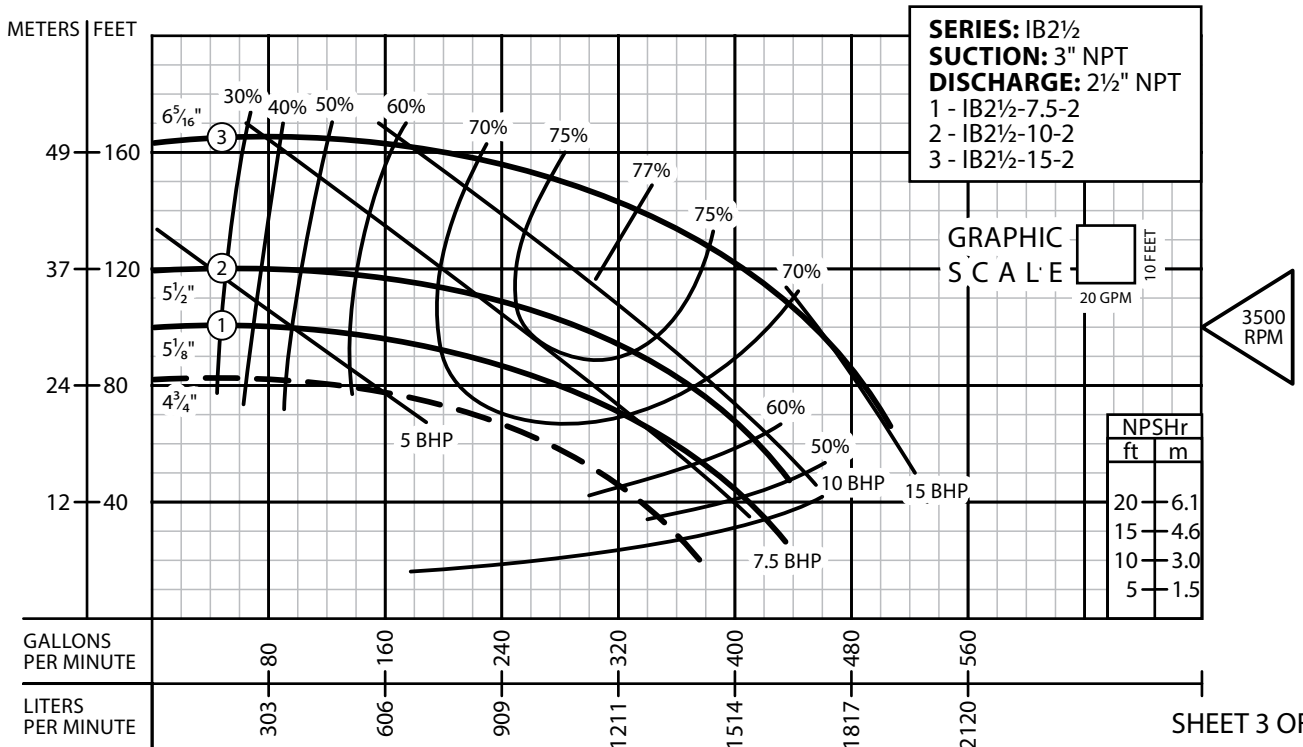
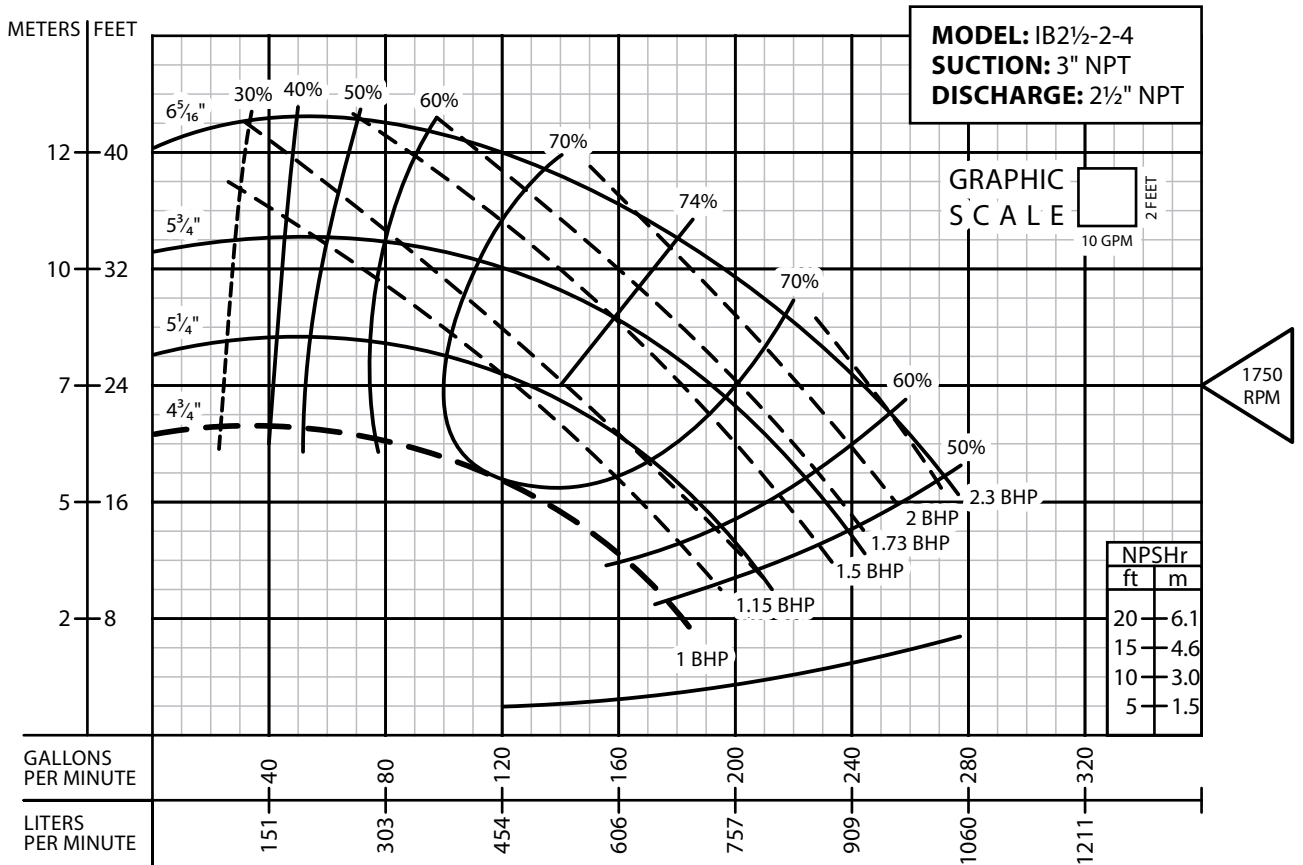




# PERFORMANCE CURVE

## End-Suction Centrifugal Close Coupled

### Series: 1000/1004-IB2½



Testing is performed with water specific gravity of 1.0 @ 68 °F (20 °C); other fluids may vary performance.