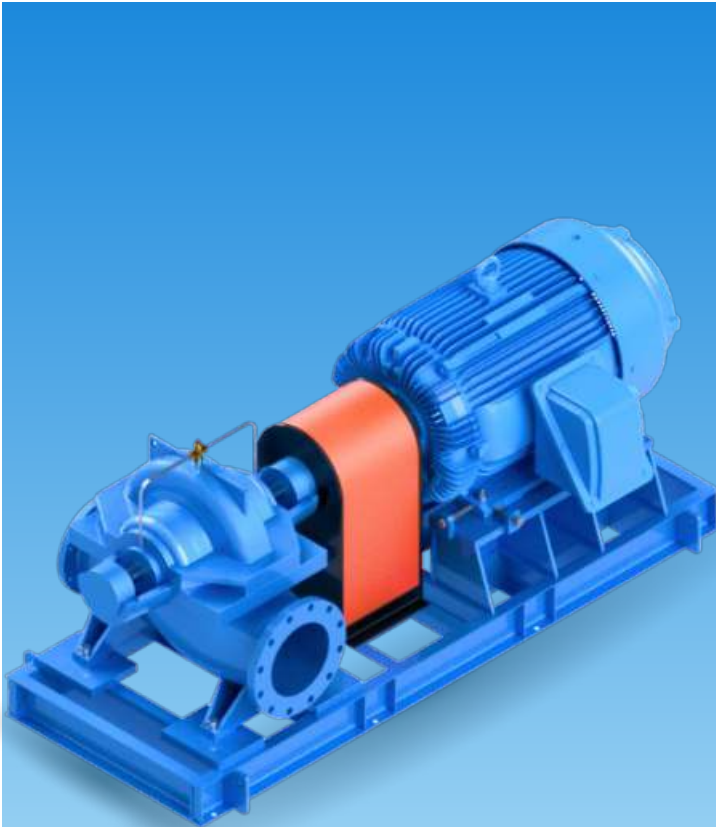


SERIES 4800H

HORIZONTALLY MOUNTED SINGLE STAGE, DOUBLE SUCTION SPLIT CASE



BEARING BRACKET

Shaft is a high grade alloy steel for highest yield and tensile strength, precision turned, grounded and polished. The ball bearing assemblies employ precision oversize bearings front and back to handle thrust and radial loads. These bearings are factory greased for longer lasting trouble-free operation. The bearing assemblies can be removed for maintenance without disturbing the piping.

CASING

The casing is of double-volute design, accomplishing two functions: First: radial impeller loads are reduced, for smaller bearing loads, and less power loss. Second: higher pump efficiencies are obtained over a greater range of flow.

COUPLING

Rugged in construction, longer bearing, motor and pump life as well as smooth, quiet operation of both motor and pump are assured. Simple in design and easily installed, the couplings are unaffected by abrasives, dirt or moisture. There is no need for lubrication or maintenance. The non-metallic sleeve acts as a barrier insulating the motor from the pump, a coupling guard is supplied as standard equipment.

MOTORS

Only the highest quality name brand motors specially selected for quietness are used on series 4800/4900 pumps. Ball bearing motors are standard. Motors are 1150, 1750 or 3450 RPM. The motors are sized so that the maximum brake Horsepower output required is less than allowed by the motor manufacturer's warranty.

IMPELLER

Enclosed bronze impeller for double suction, is machined all over for greatest efficiency. All impellers are hydraulically balanced to assure minimum thrust.

Datasheet

Features
Performance Curves

Up to
625 ft.

Head

Up to
12,700
US GPM

Flow

600 PSI

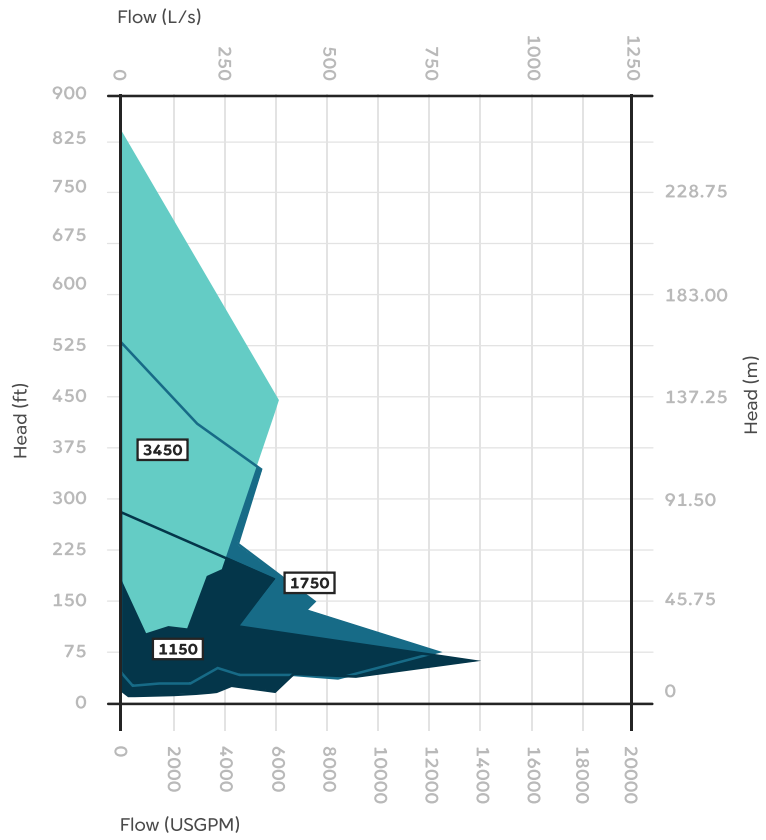
Max.
Pressure

300°F

Max.
Temperature

Performance Curves

60 Hz



50 Hz

