Barmesa® Pumps

SUBMERSIBLE SOLIDS HANDLING X-PROOF PUMP

Series: 6XBSE50044ADS
50 HP / 1750 RPM
Discharge: 6"
Spherical solids handling: 4"

Representative image.

DISCHARGE
6", 125 lb, flange horizontal.

LIQUID TEMPERATURE
104° F (40° C) continuous

VOLUTE
Cast iron ASTM A-48 class 30

WEAR RING
Bronze

MOTOR HOUSING
Cast iron ASTM A-48 class 30

SEAL PLATE
Cast iron ASTM A-48 class 30

IMPELLER
Design: 1 vane, closed, with vanes on back side.
Material: cast iron ASTM A-48 class 30

SHAFT
416 series stainless steel

SQUARE RINGS
Buna-N

PAINT
Air dry enamel, water based.

HARDWARE
300 series stainless steel

SEAL
Design: tandem, mechanical, oil filled chamber.
Material: silicon carbide outboard seal, carbon ceramic inboard seal, Buna-N elastomer and stainless steel hardware.

CORD ENTRY
25 ft of neoprene cord 2/4 G, sealed against moisture.

BEARINGS
Upper: ball, single row, oil lubricated, for radial load.
Lower: ball, double row, oil lubricated, for radial and thrust load.

MOTOR
NEMA B, three phase, 460 volts, 60 Hz, 1750 RPM, air cooled. Explosion Proof, Class 1, Division 1, Group C & D, insulation Class F. Requires overload protection to be included in control panel.

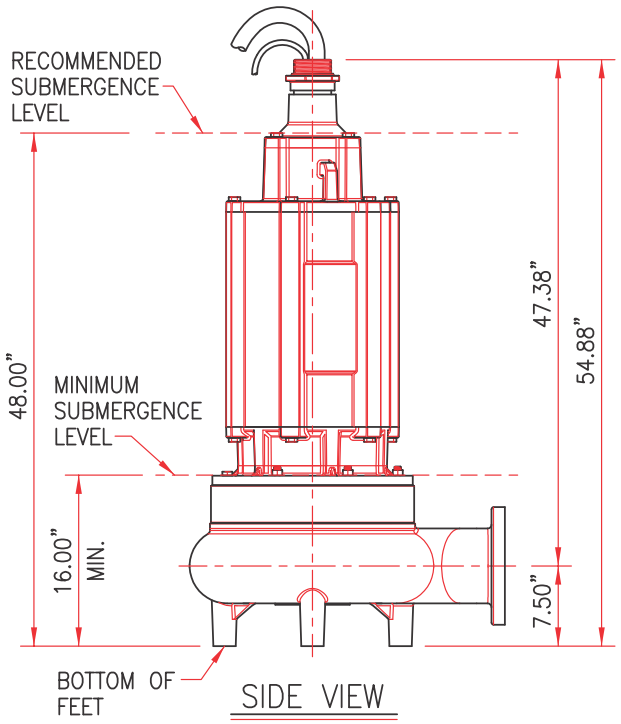
MOISTURE SENSOR
Normally open (N/O) included

TEMPERATURE SENSOR
Normally closed (N/C) included

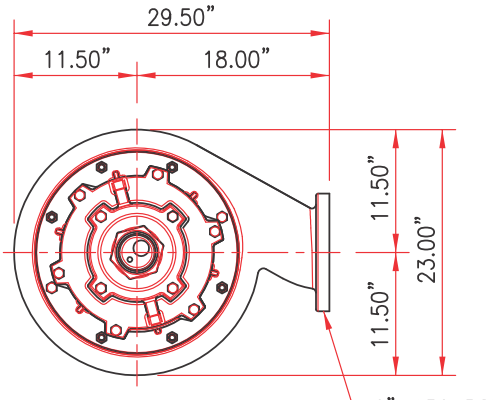
OPTIONAL EQUIPMENT
Impeller trimming, additional cord, tungsten carbide seal, slide rail coupling (SRC-6).

TECHNICAL DATA SHEET

SPECIFICATIONS



SIDE VIEW



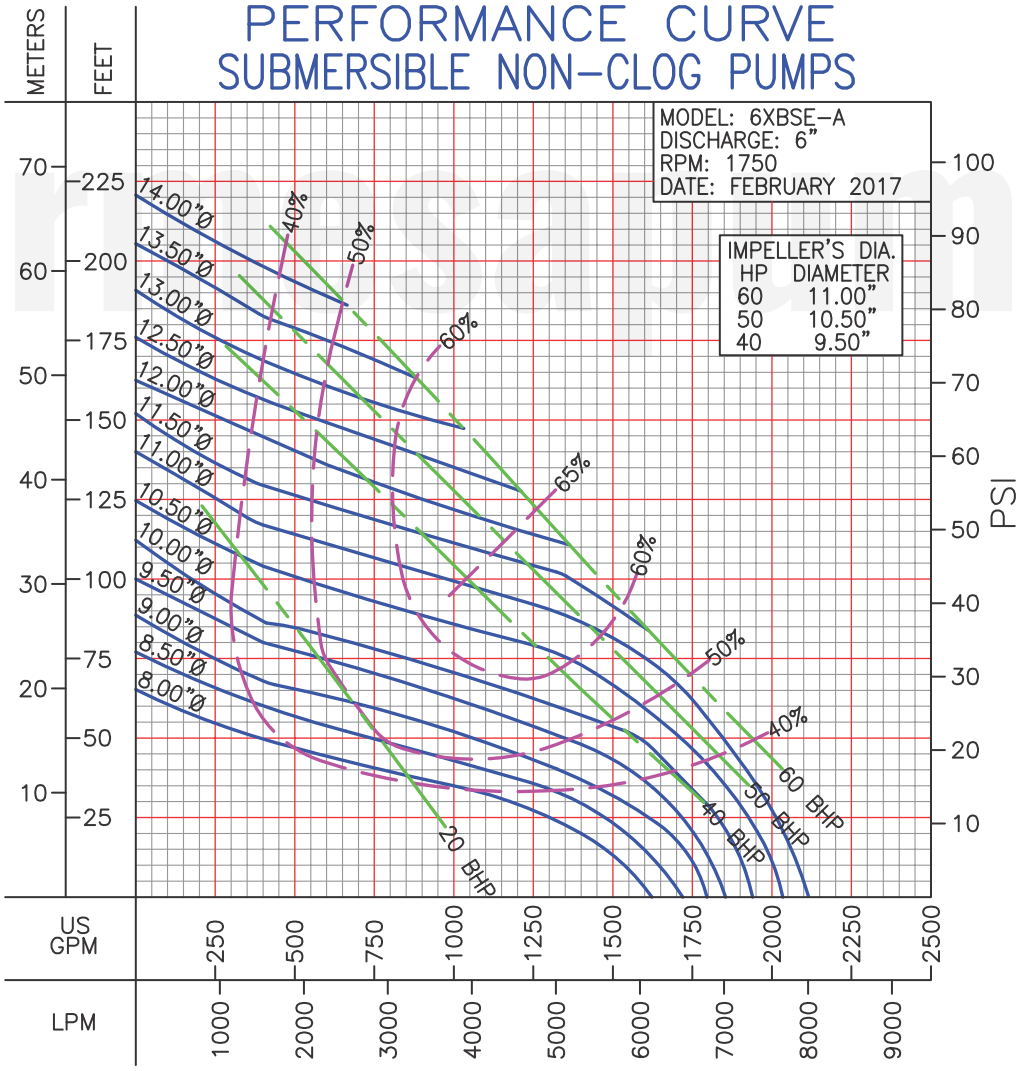
TOP VIEW

ALL DIMENSIONS IN INCHES.

ELECTRIC MOTOR SPECS:

BRAND: BALDOR–RELIANCE
HP: 50
RPM: 1750
VOLTS: 460
HZ: 60
PH: 3
FRAME: 320TY
ENCL: TENV

PERFORMANCE CURVE
SUBMERSIBLE NON–CLOG PUMPS



IMPORTANT!

1. Never use this pump to handle explosive liquids.
2. This pump is not approved to be used in swimming pools, recreational installations or any application where human contact may be common.
3. Pump may be operated "dry" for extended periods without damage to motor and/or seals.
4. Testing is performed with water specific gravity of 1.0 @ 68 °F (20 °C); other fluids may vary performance.