



SUBMERSIBLE SOLIDS HANDLING PUMP

Series: 6BSE-HLDS
30-60 HP / 1750 RPM
Discharge: 6"
Spherical solids handling: 3"



DISCHARGE

6", 125 lb, flange horizontal.

LIQUID TEMPERATURE

104 °F (40 °C) continuous

VOLUTE

Cast iron ASTM A-48 class 30

WEARRING

Bronze

MOTOR HOUSING

Cast iron ASTM A-48 class 30

SEAL PLATE

Cast iron ASTM A-48 class 30

IMPELLER

Design: 3 vanes, 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.

DIAPHRAGM

Buna-N

HARDWARE

300 series stainless steel

SEAL

Design: double, 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, single row, oil lubricated, for radial and thrust load.

MOTOR

NEMA B, three phase, 200/230 & 460 volts, 60 Hz, 1750 RPM, oil filled. 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).

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The moisture cord and/or temperature cord is size 18/5, type SO, Ø0.485", for all models.



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