

SUBMERSIBLE SOLIDS HANDLING PUMP

Series: 4BSE-DS
4.5-15 HP / 1750 RPM
Discharge: 4"
Spherical solids handling: 3"



DISCHARGE

4", 125lb, flange horizontal.

LIQUID TEMPERATURE

104 °F (40 °C) continuous

VOLUTE

Cast iron ASTM A-48 class 30

MOTOR HOUSING

Cast iron ASTM A-48 class 30

SEAL PLATE

Cast iron ASTM A-48 class 30

IMPELLER

Design: 2 vane, open, 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.

SEAL

Design: double, mechanical, oil filled chamber.

Material: silicon carbide outboard seal, carbon ceramic inboard seal, Buna-N elastomer and stainless steel hardware.

DIAPHRAGM

Buna-N

HARDWARE

300 series stainless steel

CORD ENTRY

40 ft of cord, epoxy sealed housing with secondary pressure grommet for sealing and strain relief.

BEARINGS

Upper: ball, single row, oil lubricated, for radial load.

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

MOTOR

Single phase: NEMA L, 230 volts, 60 Hz, 1750 RPM, oil filled. Capacitor start / Capacitor run, required in starter/panel.

Three phase: NEMA B, 230 & 460 volts, 60 Hz, 1750 RPM, oil filled.

Requires overload protection to be included in control panel. Class F insulation.

MOISTURE SENSOR

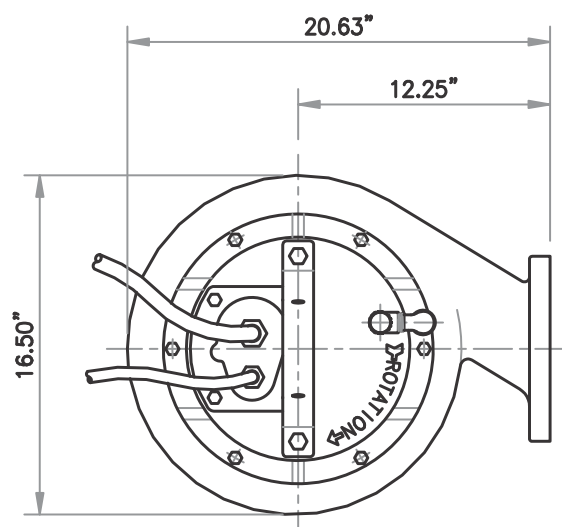
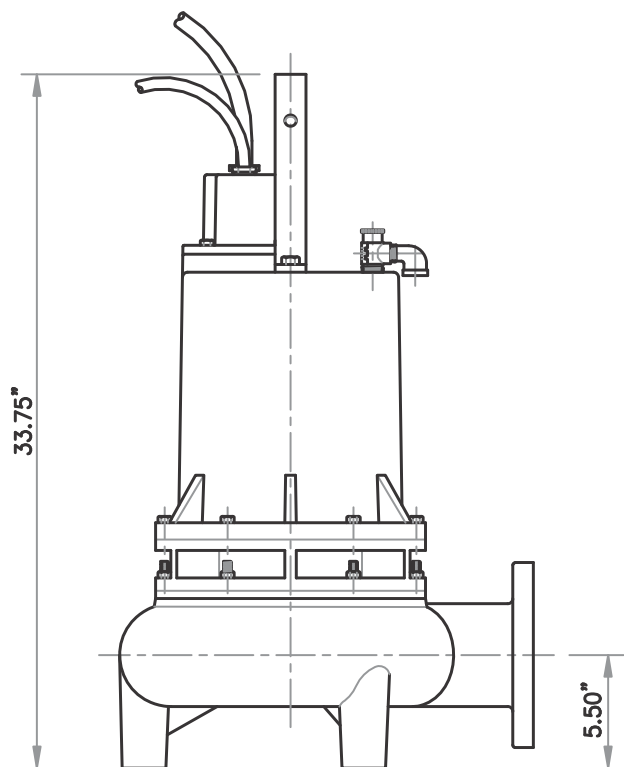
Normally open (N/O) included, requires relay in control panel.

TEMPERATURE SENSOR

Normally closed (N/C) included, requires relay in control panel.

OPTIONAL EQUIPMENT

Additional cord, tungsten carbide seal, slide rail coupling (SRC-4).



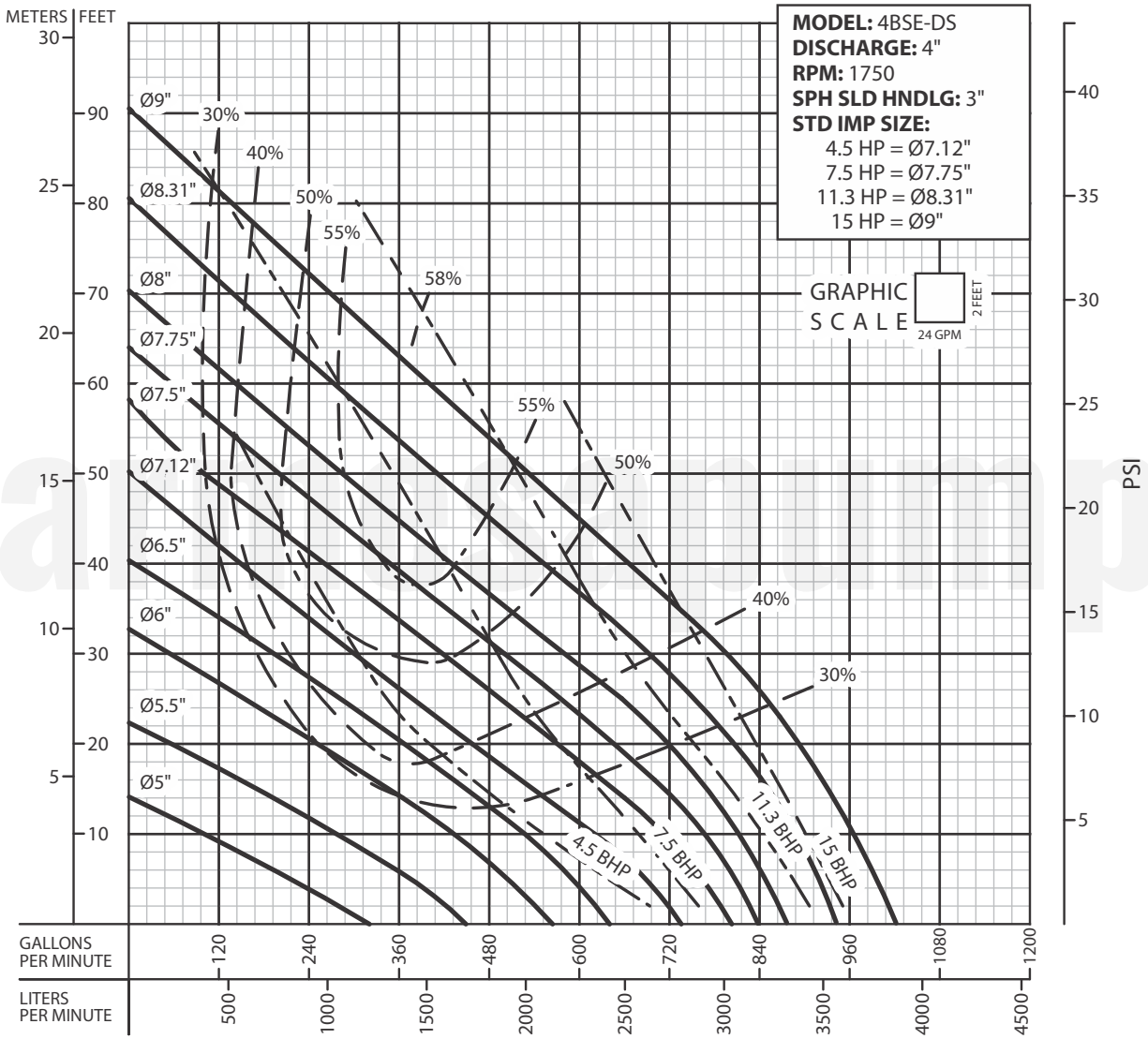
MODEL	PART No.	HP	V	PH	RPM	MAX AMPS	LOCKED ROTOR AMPS	NEMA CODE	CORD SIZE	CORD TYPE	CORD O. D.	CORD LENGTH	WEIGHT (pounds)
4BSE452DS ¹	62170121	4.5	230	1	1750	26	59	A	10/4	SO	0.78"	40'	287
4BSE453DS	62170122	4.5	230	3	1750	17.6	56	E	10/4	SO	0.78"	40'	280
4BSE454DS	62170123	4.5	460	3	1750	8.8	28	E	10/4	SO	0.78"	40'	280
4BSE752DS ¹	62170124	7.5	230	1	1750	39	96	A	10/4	SO	0.78"	40'	315
4BSE753DS	62170125	7.5	230	3	1750	23.6	80	D	10/4	SO	0.78"	40'	309
4BSE754DS	62170126	7.5	460	3	1750	11.8	40	D	10/4	SO	0.78"	40'	309
4BSE1133DS	62170127	11.3	230	3	1750	28.4	126	D	10/4	SO	0.78"	40'	340
4BSE1134DS	62170128	11.3	460	3	1750	14.2	63	D	10/4	SO	0.78"	40'	340
4BSE1503DS	62170129	15	230	3	1750	40	160	D	10/4	SO	0.78"	40'	399
4BSE1504DS	62170130	15	460	3	1750	20	80	D	10/4	SO	0.78"	40'	399

¹ Capacitor kit not included, sold separately.

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

IMPORTANT!

1. Do not use the pump to handle explosive or corrosive liquids.
2. This pump is not approved for use in swimming pools, recreational facilities, or any application where human contact with the pump is common.
3. Do not operate the pump dry for extended periods; this may damage the motor or the seal.



IMPORTANT!

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