



Ph: 866.710.2837 | www.AterCompany.com

SUBMERSIBLE SOLIDS HANDLING PUMP

Series: AP6HSH.DSSF.SH

7.5-40 HP @ 1150 RPM

Discharge: 6"

Spherical Solids Handling: 3"

DISCHARGE

6", 125 lb, horizontal flange, slotted to accommodate 150 mm ISO flange.

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: enclosed dual vane with pump-out vanes on back side. Dynamically balanced.

Material: ductile iron ASTM A-536, 65-45-12.

SHAFT

416 series stainless steel

HARDWARE

300 series stainless steel

O-RINGS

Buna-N

LIFTING BAIL

300 series stainless steel

MAX. SUBMERGENCE

66 ft (20 m)



PAINT

Epoxy

DOUBLE MECHANICAL SEAL

Design: tandem, mechanical, in oil filled reservoir.

Material: inboard rotating faces, carbon; stationary faces, ceramic. Outboard rotating and stationary faces, silicon carbide. Buna-N elastomer and 300 series stainless steel hardware.

CORD ENTRY

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

BEARINGS

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

Lower: ball, double row and oil lubricated, for radial and thrust loads.

MOTOR

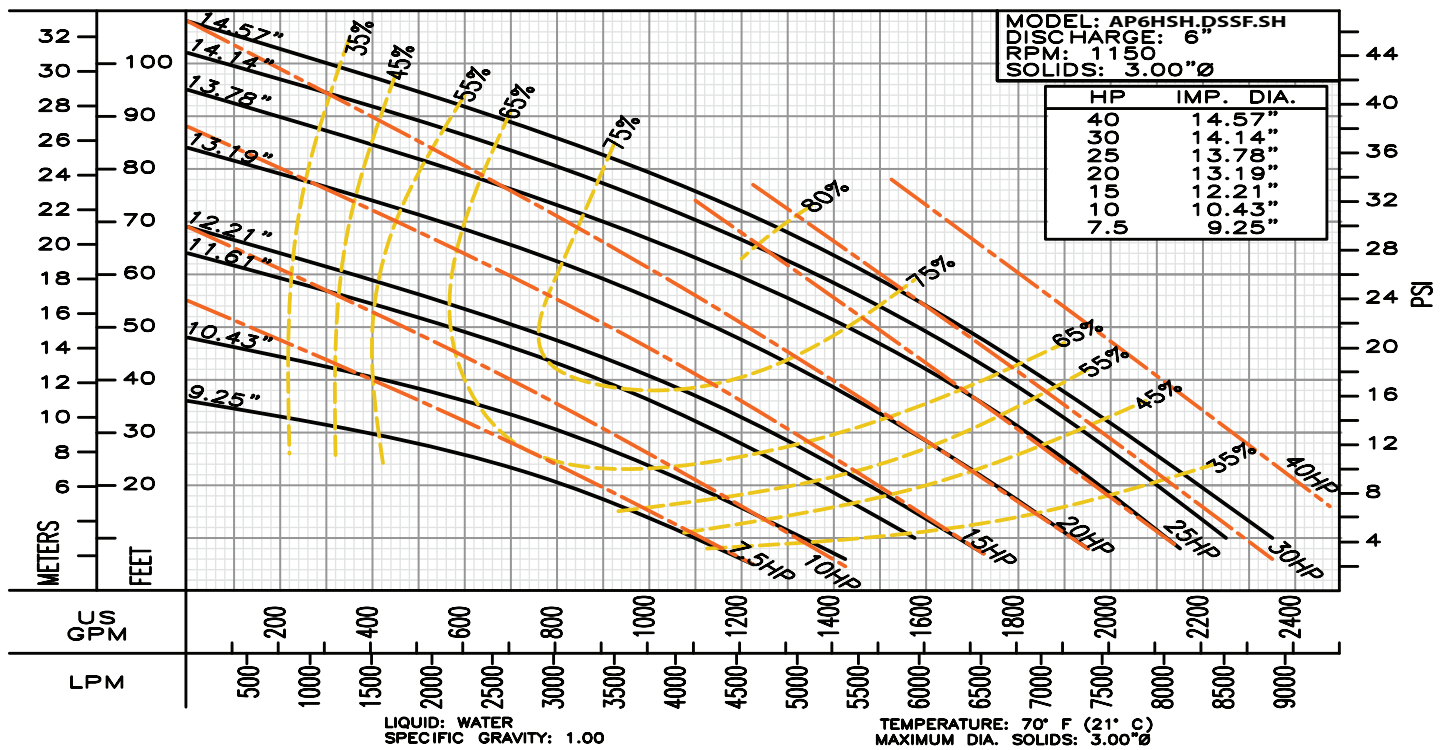
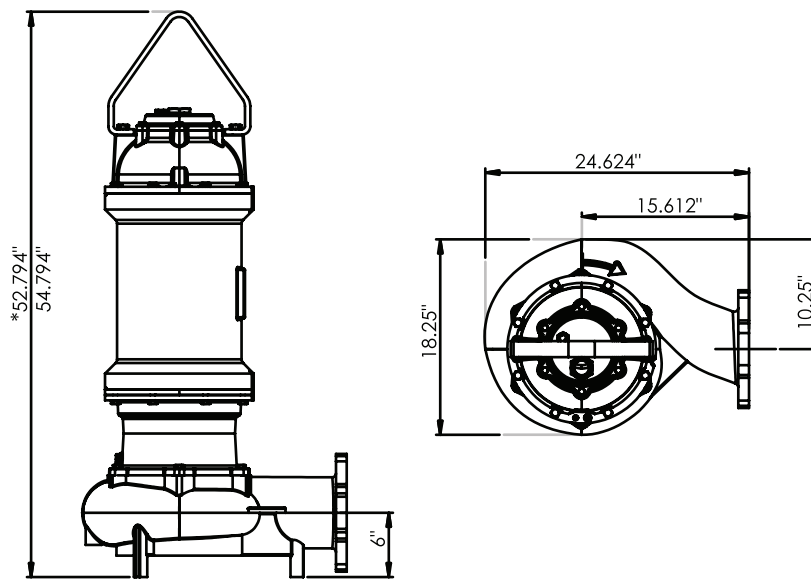
NEMA three phase 208/230 & 460 V, premium efficiency, oil-filled, squirrel cage induction, inverted duty rated. Class H insulation. Requires overload protection in control panel.

MOISTURE SENSOR

Normally open (N/O), requires relay and panel.

TEMPERATURE SENSOR

Normally closed (N/C), to be wired in series with control circuit.



Model	HP	PH	Volts	RPM (nom)	NEMA Start Code	Full Load Amps	SF	Amps @ SF	Frame	Power Cord Size	Weight (lb)
AP6HSH7.5DSSF23SH11	7.5	3	208/230	1150	J	22/20	1.15	23	250	10/4	798
AP6HSH7.5DSSF43SH11	7.5	3	460	1150	J	10	1.15	11.5	250	10/4	798
AP6HSH10DSSF23SH11	10	3	208/230	1150	E	29/27	1.15	37/33	250	10/4	815
AP6HSH10DSSF43SH11	10	3	460	1150	E	13.5	1.15	18.4	250	10/4	815
AP6HSH15DSSF23SH11	15	3	208/230	1150	H	47/43	1.15	54/49.4	250	2/3	840
AP6HSH15DSSF43SH11	15	3	460	1150	H	21.5	1.15	24.7	250	2/3	840
AP6HSH20DSSF23SH11	20	3	208/230	1150	E	49.2/44.3	1.15	56.6/51	250	2/3	865
AP6HSH20DSSF43SH11	20	3	460	1150	E	24.6	1.15	28.3	250	2/3	865
AP6HSH25DSSF23SH11	25	3	208/230	1150	G	72.9/68.7	1.15	83.8/66.6	320	2/3	955
AP6HSH25DSSF43SH11	25	3	460	1150	G	36.4	1.15	41.8	320	2/3	955
AP6HSH30DSSF23SH11	30	3	208/230	1150	E	88/80	1.15	101/92	320	2/3	983
AP6HSH30DSSF43SH11	30	3	460	1150	E	44	1.15	50.6	320	2/3	983
AP6HSH40DSSF43SH11	40	3	460	1150	E	107	1.15	123	320	2/3	1013

application where human contact may be common. 3. Pump may be operated "dry" for extended periods without damage to motor and/or seals.