



Ph: 866.710.2837 | www.AterCompany.com

SUBMERSIBLE SOLIDS HANDLING PUMP

Series: AP6HSH.DSSF.SM

25-50 HP @ 1750 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 mono 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

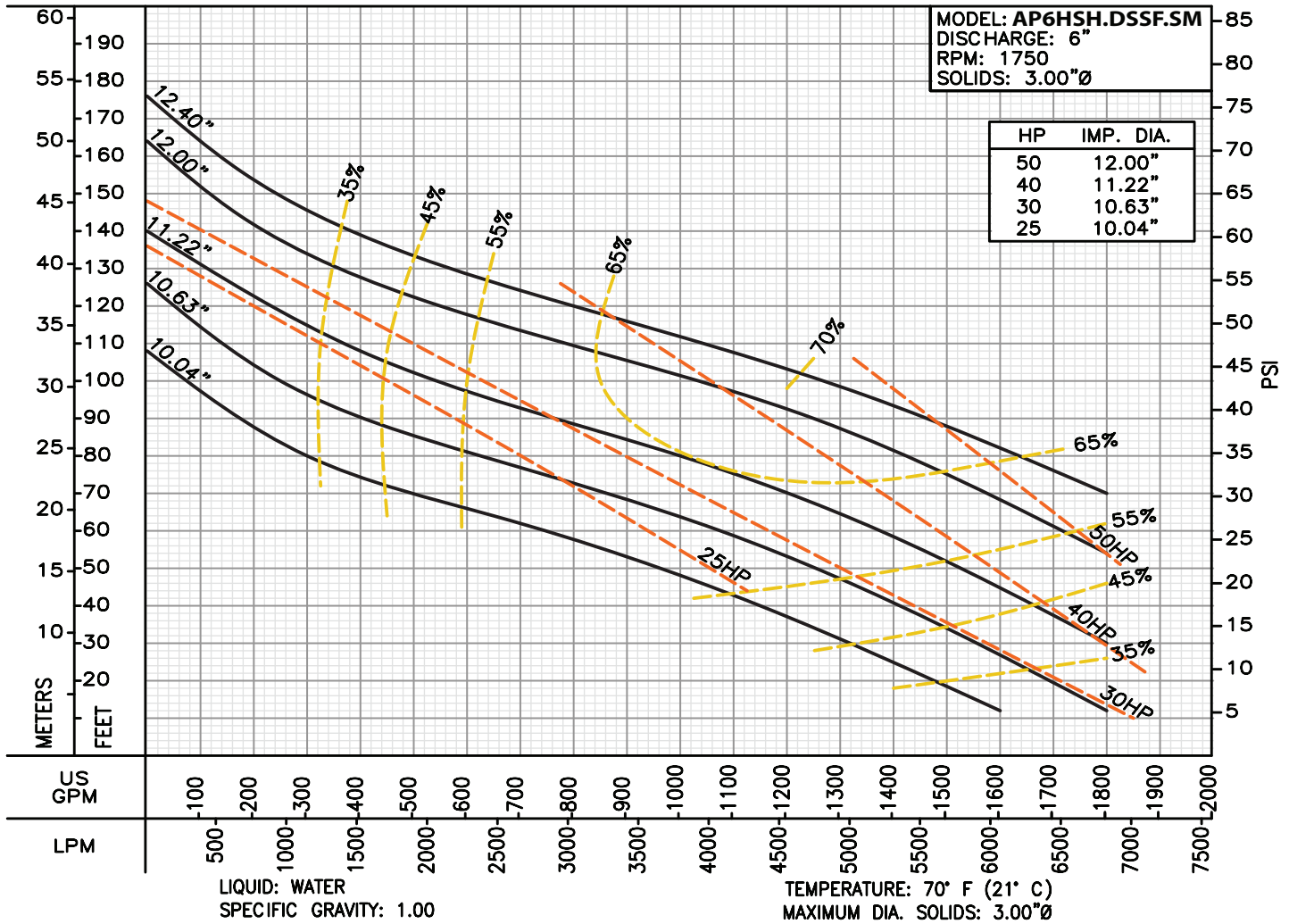
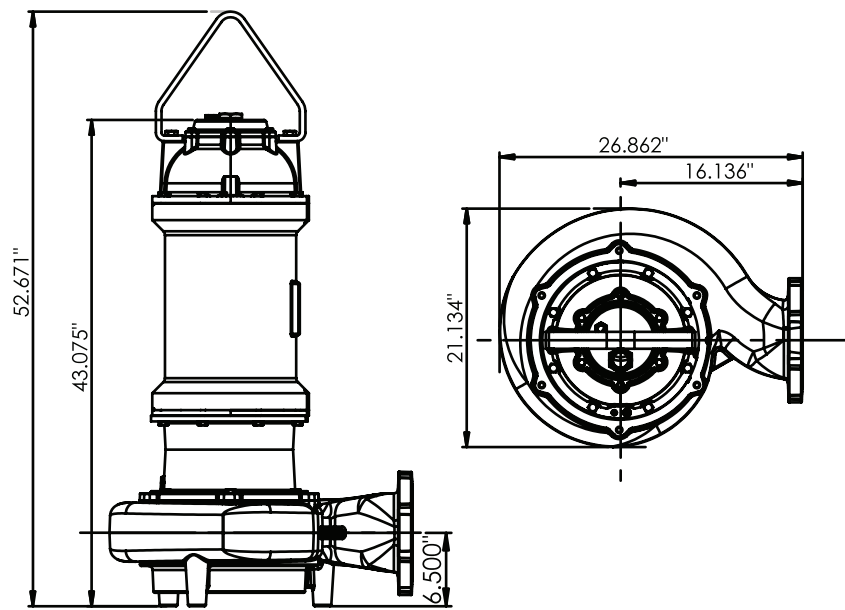
NEMA three phase 208/230 & 460 V, premium efficiency, oil-filled, squirrel cage induction, inverted duty rated. Class H insulation. Requires overload protection in control panel.

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	VOLTS	PHASE	RPM (Nominal)	MAX AMPS	LOCKED ROTOR AMPS	NEMA CODE	CORD SIZE	WEIGHT (lbs)
AP6HSH25DSSF23SM17	25	208/230	3	1750	65/59	74.8/67.8	G	8X4	985
AP6HSH25DSSF43SM17	25	460	3	1750	29.5	34	F	8X4	1016
AP6HSH30DSSF43SM17	30	460	3	1750	46.7	53	F	2X3	1046
AP6HSH40DSSF43SM17	40	460	3	1750	48	55.2	E	2X3	1123
AP6HSH50DSSF43SM17	50	460	3	1750	65	74.8	F	8X4	1123

Note: Seal moisture and temperature sensor cord in all models size 18/5.

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.