

TECHNICAL DATA
MODEL KHD450
HIGH HEAD DEWATERING PUMP – CHROME IRON / DUCTILE IRON
GENERAL DATA

MAX. FLOW: GPM (L/min)	540 GPM (2047 L/min)
MAX. HEAD: ft (m)	328' (100.0 m)
MAX. SUBMERSION DEPTH: ft (m)	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	TOP DISCHARGE, DEWATERING
SOLID SIZE: in (mm)	0.24" (6 mm)
PUMP DOWN WATER LEVEL: in (mm)	16.5" (420 mm)
DISCHARGE SIZE	6" 300 LB. ANSI, Slip-On Flange
PUMP WEIGHT, w/50' of Cable: lbs (kg)	1725 lbs (784 kg)
SHIPPING WEIGHT: lbs (kg)	1800 lbs. (818 kg)

CONSTRUCTION / MATERIAL DATA

MECHANICAL SEAL - UPPER	CARBON/CERAMIC
MECHANICAL SEAL - LOWER	SILICON CARBIDE/SILICON CARBIDE
MOTOR HOUSING	CAST IRON
PUMP VOLUTE	DUCTILE IRON
WEAR PLATE	DUCTILE IRON
AGITATOR (OPTIONAL)	HI-CHROME
IMPELLER	CLOSED MULTI VANE, HI-CHROME
STRAINER/STAND	STEEL
LIP SEALS & O-RINGS	BUNA-N
ROTOR SHAFT	403 SS
EXTERNAL HARDWARE	304 SS
BALL BEARING: PERM. LUBE. UPPER	NU2211
BALL BEARING: PERM. LUBE. LOWER	7312 Tandem Design

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 60 (CONTINUOUS DUTY)	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	F	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE ¹ - 3 PH, 60 Hz	460V	575V option
CURRENT F.L.A.	78.0	62.5
LOCKED ROTOR CURRENT (LRA)	506	418
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN MOTOR WINDINGS, 302°F (150°C)	
POWER CABLE: GAGE; LENGTH	A.W.G. 6; 50' (15.2m), GGC	
SENSOR CABLE	A.W.G. 14/4; 50' (15.2 m), SOOW	
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)	
SEAL LEAK DETECTOR ²	Seal Minder®; MOISTURE SENSING PROBE	

1- Available in other voltages (and in 50 Hz).

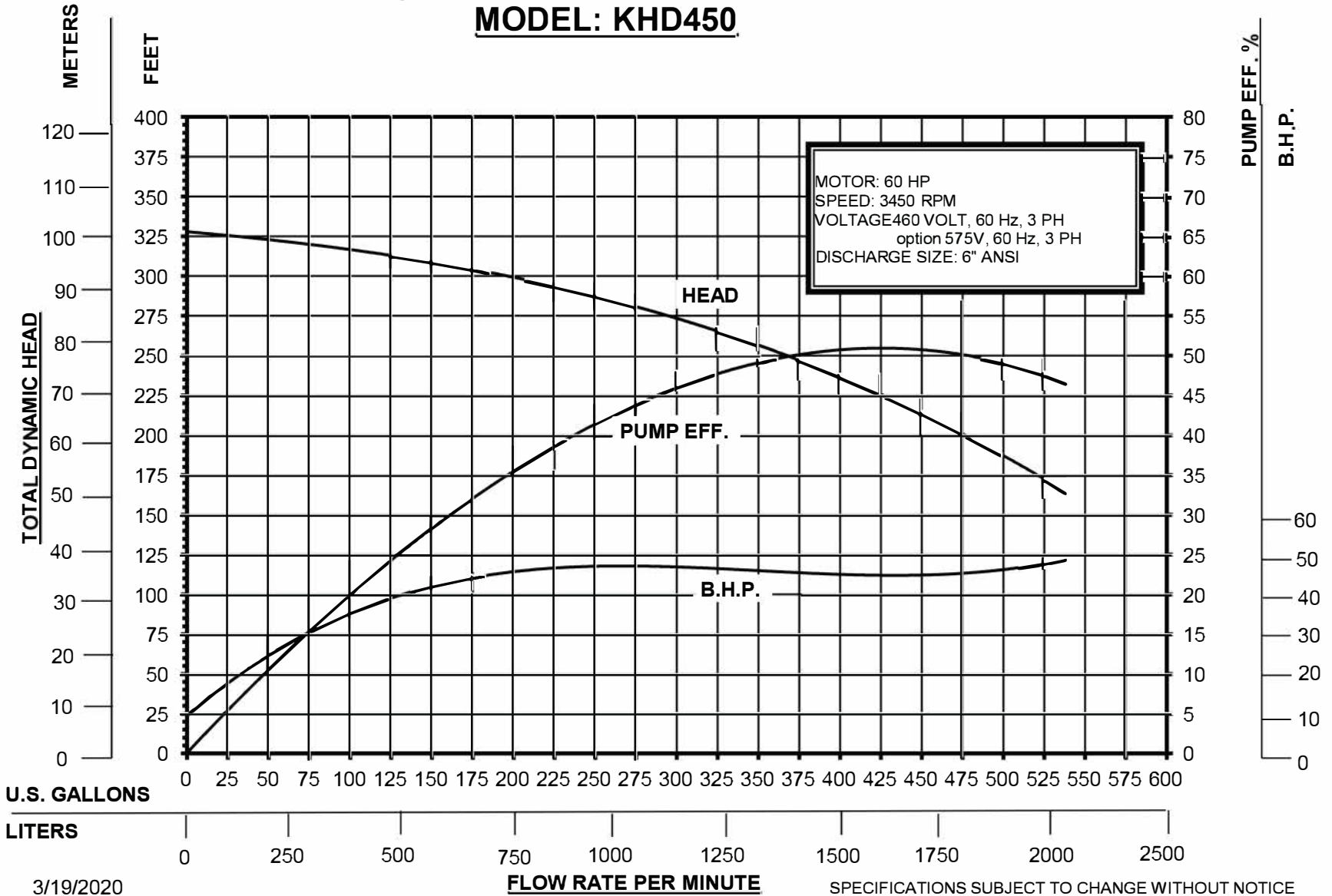
2- Requires a seal fail circuit in control panel for warning signal.

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SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE