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TECHNICAL DATA
MODEL KHD220
HIGH HEAD DEWATERING PUMP – CHROME IRON / DUCTILE IRON
GENERAL DATA

MAX. FLOW: GPM (L/min)	503 GPM (1907 L/min)
MAX. HEAD: ft (m)	242' (73.8 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)	8.3" (210 mm)
DISCHARGE SIZE	4" 150 LB. ANSI, Slip-On Flange
PUMP WEIGHT, w/50' of Cable: lbs (kg)	700 lbs (318 kg)
SHIPPING WEIGHT: lbs (kg)	750 lbs. (341 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	6309
BALL BEARING: PERM. LUBE. LOWER	7310 Tandem Design

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 30 (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.	37.0	29.5
LOCKED ROTOR CURRENT (LRA)	260	221
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN MOTOR WINDINGS, 302°F (150°C)	
POWER CABLE: GAGE; LENGTH	A.W.G. 8; 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	

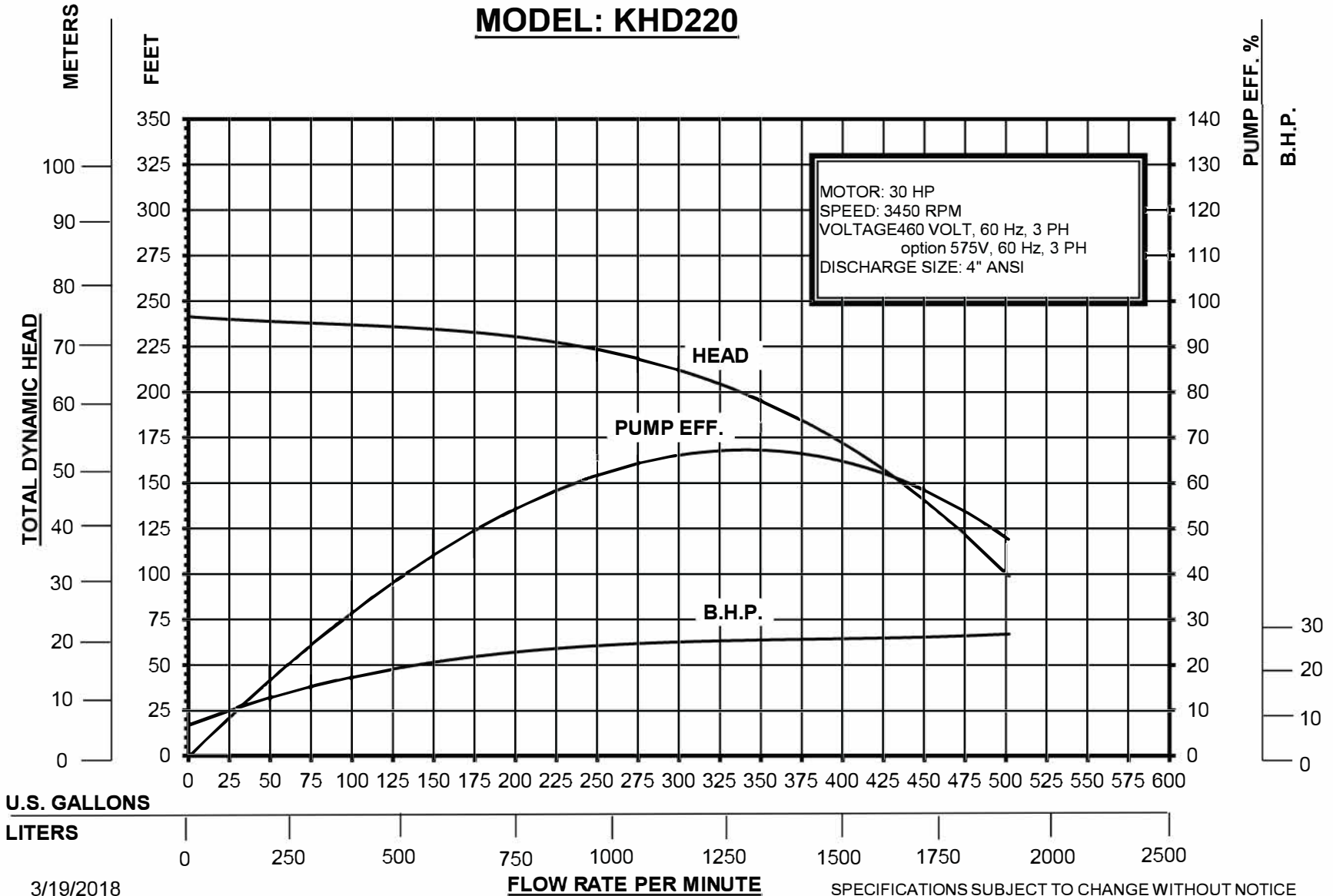
1- Available in other voltages (and in 50 Hz).

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

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MODEL: KHD220



3/19/2018

FLOW RATE PER MINUTE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE