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TECHNICAL DATA
MODEL KB55HF
HEAVY DUTY DEWATERING PUMP – CHROME IRON / DUCTILE IRON
For High Temperature Service

GENERAL DATA

MAX. FLOW: GPM (L/min)	277 GPM (1048 L/min)
MAX. HEAD: ft (m)	117' (35.6 m)
MAX. SUBMERSION DEPTH: ft (m)	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE	DEWATERING, HIGH TEMPERATURE
SOLID SIZE: in (mm)	0.39" (10 mm)
DISCHARGE SIZE	3" NPT-MALE
PUMP WEIGHT, without cable: lbs (kg)	253 lbs (115 kg)
SHIPPING WEIGHT: lbs (kg)	335 lbs. (152 kg)

CONSTRUCTION/MATERIAL DATA

MECHANICAL SEAL - UPPER	CARBON/CERAMIC - VITON® FITTED
MECHANICAL SEAL - LOWER	SILICON CARBIDE/SILICON CARBIDE – VITON FITTED
MOTOR HOUSING	CAST IRON
PUMP VOLUTE	DUCTILE IRON
WEAR PLATE	HI-CHROME
AGITATOR	HI-CHROME
IMPELLER	MULTI VANE, HI-CHROME
STRAINER/STAND	STEEL
LIP SEALS & O-RINGS	VITON
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN MOTOR STATOR	OIL-FILLED W/ SHELL FM 32, NSF APPROVED
QTY. OIL IN SEAL CHAMBER	49 U.S. FL. OZ. (1450 C.C.), SHELL FM 32, NSF APPROVED
BALL BEARING: OIL LUBRICATED UPPER	6306
BALL BEARING: OIL LUBRICATED LOWER	6308

ELECTRICAL /MOTOR DATA

MOTOR: TYPE, RATING HP	Submersible, Oil-Filled , Continuous Duty, 7.5		
MOTOR RPM	3450		
MOTOR INSULATION CLASS	R, 428°F (220°C)		
MOTOR SERVICE FACTOR	1.1		
VOLTAGE - 3 PH, 60 Hz	230V	460V	575V option
CURRENT F.L.A.	20.4	9.9	7.6
LOCKED ROTOR CURRENT (LRA)	126	63	50
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING PHASE, 300°F (149°C)		
POWER CORD: GAGE; LENGTH	A.W.G. 10/4; 50' (15.2m), HIGH TEMP. RATED CORD		
SENSOR CABLE: GAGE; LENGTH	A.W.G. 18/4; 50' (15.2m), HIGH TEMP. RATED CABLE		
MAXIMUM LIQUID TEMPERATURE	200°F (93°C)		
SEAL LEAK DETECTOR ¹	Seal Minder®; MOISTURE SENSING PROBE		

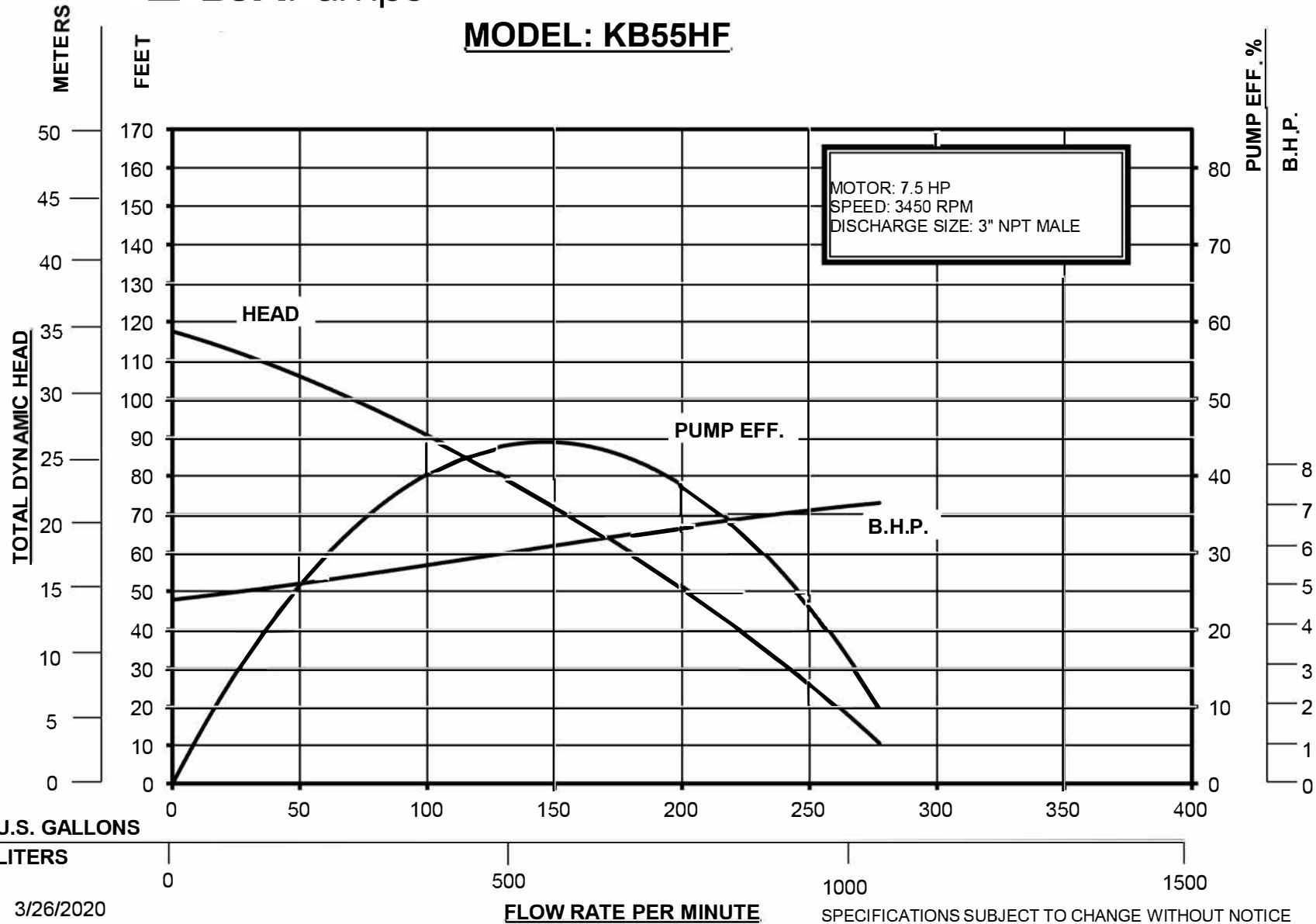
1- Requires a seal fail circuit in control panel for warning signal.

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REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

MODEL: KB55HF



3/26/2020

FLOW RATE PER MINUTE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE