

TECHNICAL DATA
MODEL KB220F
HEAVY DUTY DEWATERING PUMP – CHROME IRON / DUCTILE IRON
For High Temperature Service

GENERAL DATA

MAX. FLOW: GPM (L/min)	810 GPM (3070 L/min)
MAX. HEAD: ft (m)	186' (57 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)	1.0" (25 mm)
DISCHARGE SIZE	6" NPT-MALE
PUMP WEIGHT, w/50' of Cable: lbs (kg)	547 lbs (249 kg)
SHIPPING WEIGHT: lbs (kg)	613 lbs. (279 kg)

CONSTRUCTION / MATERIAL DATA

MECHANICAL SEAL - UPPER	CARBON/CERAMIC, FKM
MECHANICAL SEAL - LOWER	SILICON CARBIDE/SILICON CARBIDE, FKM
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	FKM
ROTOR SHAFT	304 SS
EXTERNAL HARDWARE	304 SS
QTY. OIL IN MOTOR STATOR	OIL-FILLED W/ ISO 32, NSF APPROVED
BALL BEARING: PERM. LUBE. UPPER	6306
BALL BEARING: PERM. LUBE. LOWER	6309/7309 Tandem Design

ELECTRICAL / MOTOR DATA

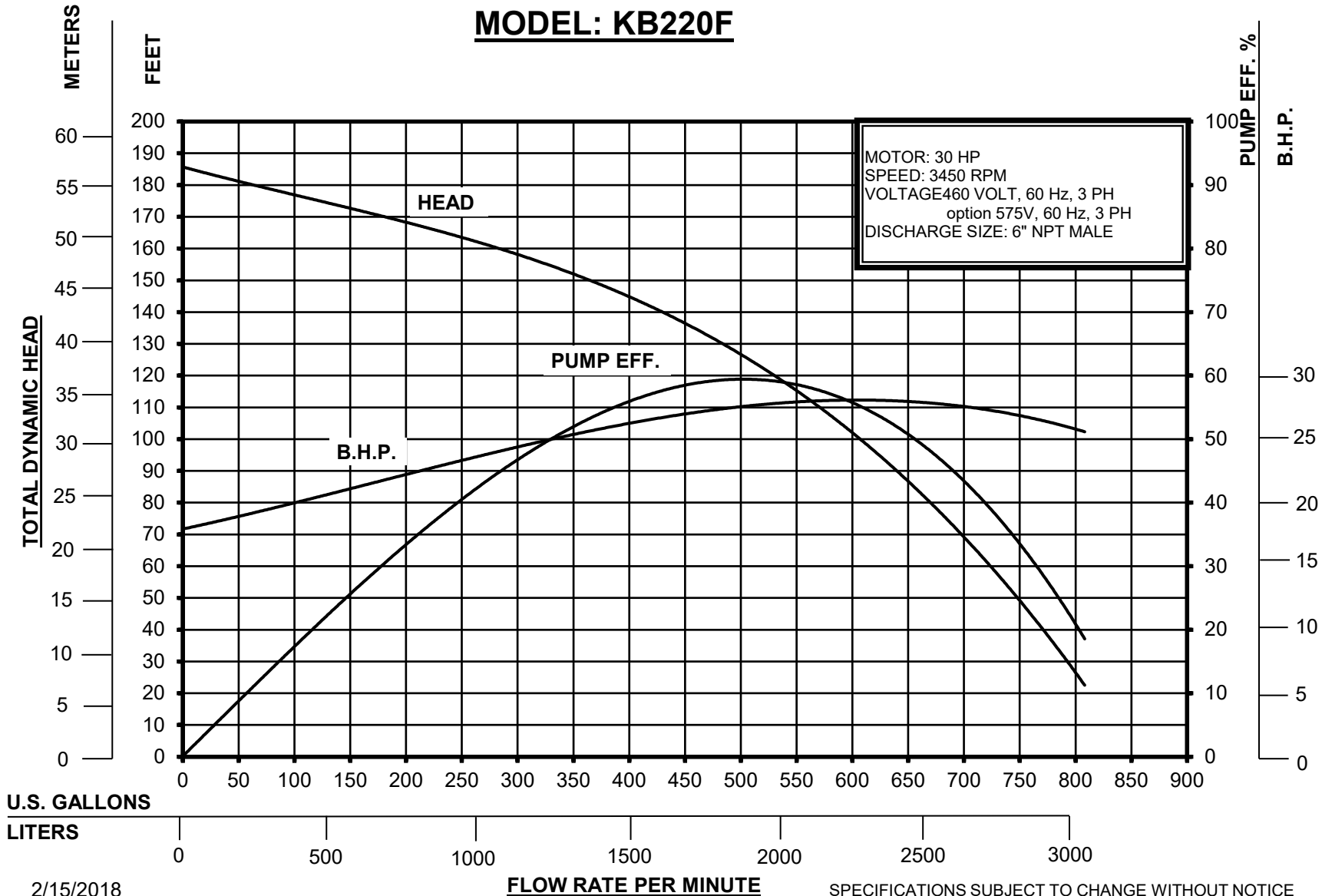
MOTOR: TYPE, RATING HP	Submersible, Oil Filled, Continuous Duty, 30	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	R, 428°F (220°C)	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE ¹ - 3 PH, 60 Hz	460V	575V option
CURRENT F.L.A.	32.0	25.6
LOCKED ROTOR CURRENT (LRA)	165	128
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN MOTOR WINDINGS, 302°F (150°C)	
POWER CABLE: GAGE; LENGTH	A.W.G. 4/5; 50' (15.2m), HIGH TEMP. CABLE	
SENSOR CABLE	A.W.G. 18/4; 50' (15.2 m), HIGH TEMP. CABLE	
MAXIMUM LIQUID TEMPERATURE	200°F (93°C)	
SEAL LEAK DETECTOR ²	Seal Minder®; MOISTURE SENSING PROBE	

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

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2/15/2018

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE