

TECHNICAL DATA
MODEL KB75F
HEAVY DUTY DEWATERING PUMP – CHROME IRON / DUCTILE IRON
For High Temperature Service
GENERAL DATA

MAX. FLOW: GPM (L/min)	650 GPM (2460 L/min)
MAX. HEAD: ft (m)	111' (34 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	6" NPT-MALE
PUMP WEIGHT, without cable: lbs (kg)	275 lbs (125 kg)
SHIPPING WEIGHT: lbs (kg)	357 lbs. (162 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 FOOD GRADE MINERAL OIL
QTY. OIL IN SEAL CHAMBER	49 U.S. FL. OZ. (1450 C.C.), W/ ISO 32, NSF FOOD GRADE MINERAL OIL
BALL BEARING: OIL LUBRICATED UPPER	6306
BALL BEARING: OIL LUBRICATED LOWER	6308

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	Submersible, Oil-Filled , Continuous Duty, 10	
MOTOR RPM	3450	
MOTOR INSULATION CLASS	R, 428°F (220°C)	
MOTOR SERVICE FACTOR	1.1	
VOLTAGE - 3 PH, 60 Hz	460V	575V option
CURRENT F.L.A.	13.6	10.5
LOCKED ROTOR CURRENT (LRA)	107	86
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 CABLE	
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	

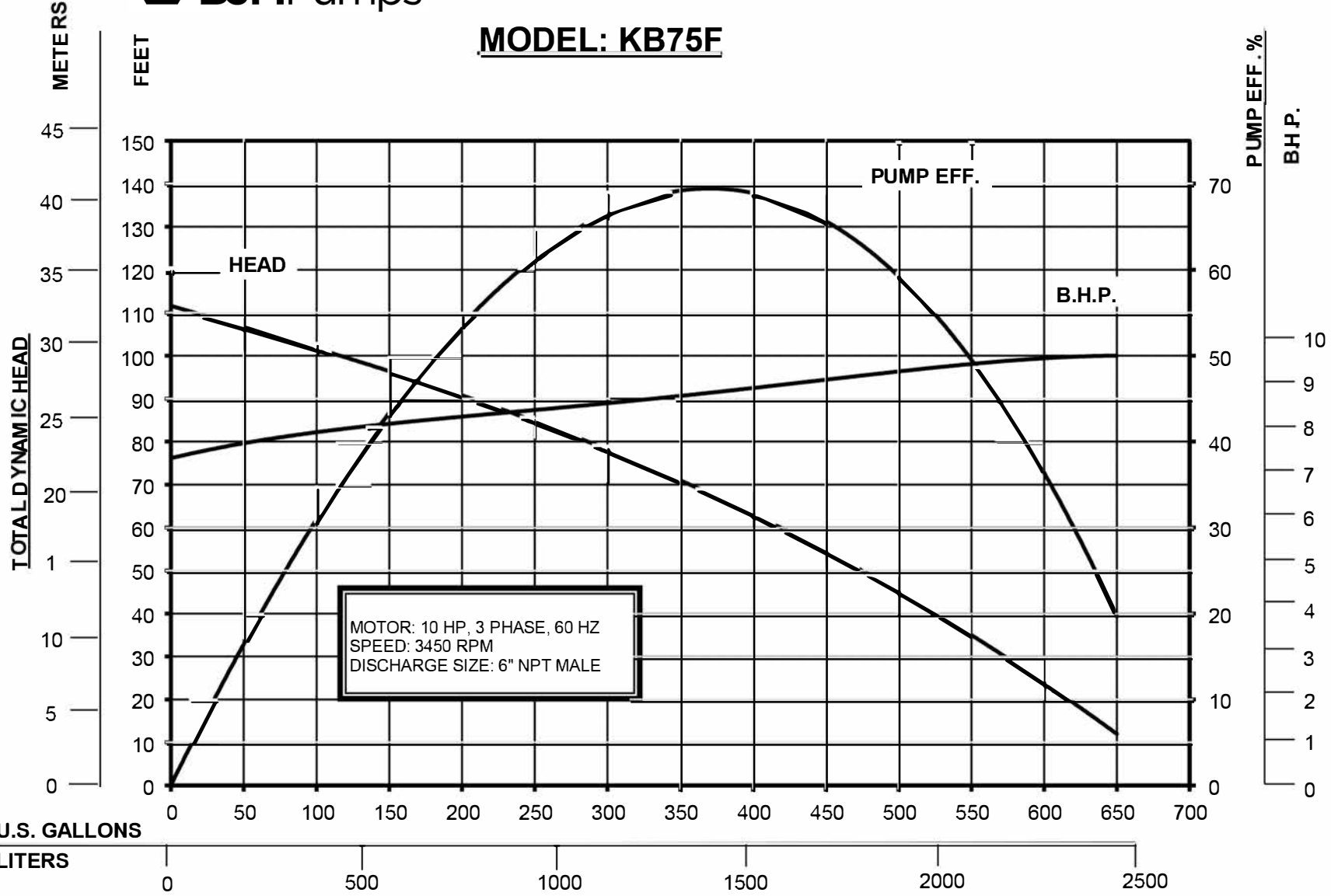
1- Requires a seal fail circuit in control panel for warning signal.

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REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
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3/26/2020

FLOW RATE PER MINUTE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE