

TECHNICAL DATA
MODEL KB110F
HEAVY DUTY DEWATERING PUMP – CHROME IRON / DUCTILE IRON
For High Temperature Service
GENERAL DATA

MAX. FLOW: GPM (L/min)	551 GPM (2085 L/min)
MAX. HEAD: ft (m)	138' (42 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)
PUMP DOWN WATER LEVEL: in (mm)	8.1" (206 mm)
DISCHARGE SIZE	6" NPT-MALE
PUMP WEIGHT, without cable: lbs (kg)	330 lbs (150 kg)
SHIPPING WEIGHT: lbs (kg)	427 lbs. (194 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	6309

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	Submersible, Oil-Filled , Continuous Duty, 15	
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.	18.7	13.7
LOCKED ROTOR CURRENT (LRA)	120	96
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING PHASE, 300°F (149°C)	
POWER CORD: GAGE; LENGTH	A.W.G. 8/4; 50' (15.2m), HIGH TEMP. RATED CABLE	
SENSOR CABLE: GAGE; LENGTH	A.W.G. 18/4; 50' (15.2 m), 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.

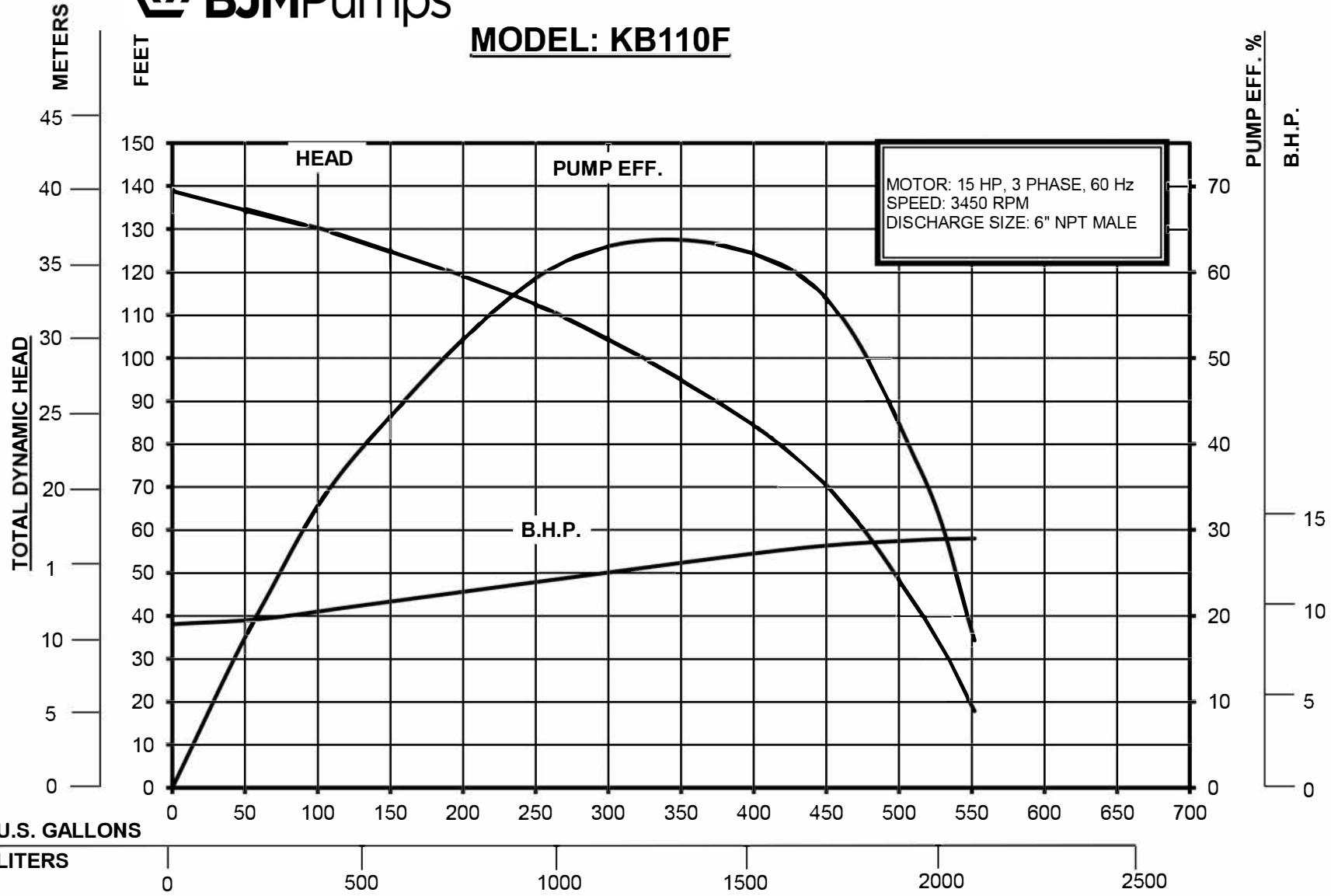
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BJMPumps

MODEL: KB110F



MOTOR: 15 HP, 3 PHASE, 60 Hz
 SPEED: 3450 RPM
 DISCHARGE SIZE: 6" NPT MALE

3/26/2020

FLOW RATE PER MINUTE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE