



INDUSTRIAL
FLOW
SOLUTIONS™

TECHNICAL DATA

BJM Pumps®
KZE 750

Dwg:	DS-C13-008	Rev:	1	Date:	9/19/2024
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GENERAL DATA

MAX. FLOW:	2500 GPM (9463.5 L/min)
MAX. HEAD:	185' (56.4m)
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE:	SLURRY HANDLING
MINIMUM SUBMERSION DEPTH:	4.59' (55 in)
SOLID SIZE:	1.3" (33 mm)
STRAINER OPENING:	1.3" (33 mm)
DISCHARGE SIZE	8" ANSI #150
PUMP WEIGHT, with cables:	1759 lbs (798 kg)
SHIPPING WEIGHT, Estimated:	2060 lbs (934 kg)

CONSTRUCTION / MATERIAL DATA

DUAL MECHANICAL SEALS	SILICON CARBIDE/SILICON CARBIDE, BUNA-N ELASTOMERS
MOTOR HOUSING	CAST IRON, A48 - # 35
PUMP VOLUTE	HI-CHROME
WEAR PLATE	HI-CHROME
AGITATOR	HI-CHROME
IMPELLER	HI-CHROME
STRAINER / STAND	MILD STEEL
LIP SEALS & O-RINGS	BUNA-N
ROTOR SHAFT	403 SS
EXTERNAL HARDWARE	304 SS
UPPER BEARING	ROLLER BEARING, NU309
LOWER BEARING	ANGULAR CONTACT BALL BEARING, 7316 BDB x 2

ELECTRICAL / MOTOR DATA

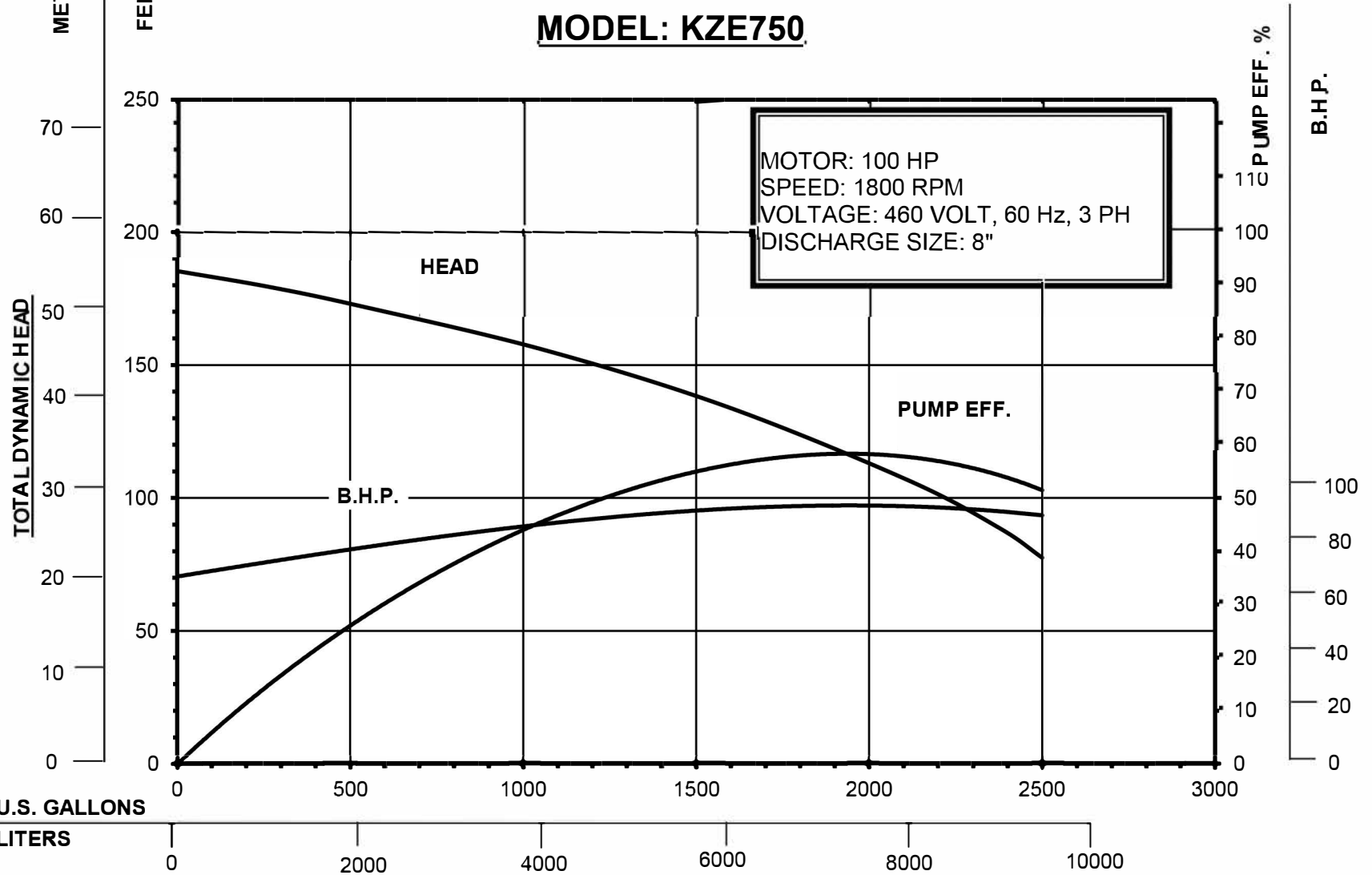
MOTOR: TYPE, RATING HP	SUBMERSIBLE, 100 (CONTINUOUS DUTY)	
MOTOR RPM	1800	
MOTOR INSULATION CLASS	H	
MOTOR SERVICE FACTOR	1.15	
VOLTAGE - 3 PH, 60 Hz	460	575
CURRENT F.L.A.	124	102
LOCKED ROTOR CURRENT (LRA)	1020	837
MOTOR PROTECTION	TWO THERMAL SENSOR SWITCHES EMBEDDED IN MOTOR WINDINGS, 300°F (149°C).	
POWER CORD: GAGE; LENGTH	A.W.G. # 2; 50' (15.2m), GGC	
POWER CORD: GAGE; LENGTH	AWG 14/4; 50' (15.2m), SOOW	
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)	
SEAL LEAK DETECTOR	Seal Minder®; MOISTURE SENSING PROBE	

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MODEL: KZE750



3/26/2020

FLOW RATE PER MINUTE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE