



Dwg:

DS-C07-022

Rev:

1

Date:

9/9/2025

GENERAL DATA

APPROVALS:	CSA APPROVAL (AVAILABLE UPON REQUEST)	
MAX. FLOW:	437 GPM (1654.2 LPM)	
MAX. HEAD:	87' (26.5m)	
MAX. SUBMERSION DEPTH:	65' (20 m) or limited to length of power cord, Consult factory for deeper depths	
PUMP TYPE:	DEWATERING, SIDE DISCHARGE, HIGH TEMP	
MINIMUM SUBMERSION DEPTH FOR CONT. DUTY ³ :	16" (406.4 mm)	
PUMP DOWN WATER LEVEL:	8" (203.2 mm)	
SOLID SIZE:	0.4" (9.5 mm)	
STRAINER OPENING:	0.4" (9.5 mm)	
IMPELLER DIAMETER:	5.39" (137 mm)	
DISCHARGE SIZE:	4" NPT-FEMALE	
SLIDE RAIL SYSTEM	4" STAINLESS STEEL	
PUMP WEIGHT (without cable):	190 lbs (86.2 kg)	
SHIPPING WEIGHT:	233 lbs (105.7 kg)	

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/CERAMIC, FKM
LOWER MECHANICAL SEAL	SILICON CARBIDE/ SILICONE CARBIDE, FKM
MOTOR CASING	316 SS
IMPELLER & VOLUTE	316 SS
STRAINER	316 SS
LIP SEAL & O-RINGS	FKM
ROTOR SHAFT	316 SS
EXTERNAL HARDWARE	316 SS
BEARING, OIL LUBRICATED, UPPER:	6305
BEARING, OIL LUBRICATED, LOWER:	6207 (x2)

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	7.5, SUBMERSIBLE OIL FILLED, (CONTINUOUS DUTY ³)		
MOTOR RPM	3450		
MOTOR INSULATION CLASS	R, 428°F (220°C)		
MOTOR SERVICE FACTOR	1.1		
VOLTAGE - 3PH - 60HZ ¹	230V	460V	575V
CURRENT F.L.A.	21	10.5	7.6
LOCKED ROTOR CURRENT (LRA)	126	63	47
STANDARD POWER CABLE: GAGE-LENGTH	AWG 10/4, 33' (10m) HIGH TEMP RATED CABLE		
CSA RATED POWER CABLE: GAGE-LENGTH	AWG 4/4, 50' (15m) SEOOW	AWG 10/4, 50' (15m) SEOOW	
SENSOR CABLE: ² GAGE-LENGTH	AWG 18/4, 33' (10m) HIGH TEMP RATED CABLE		
MOTOR PROTECTION	THERMAL SENSOR SWITCHES EMBEDDED IN EACH WINDING PHASE, 300°F (149°C)		
SEAL LEAK DETECTOR ²	Seal Minder® MOISTURE SENSING PROBE		
MAXIMUM LIQUID TEMPERATURE	200°F (93°C)		

1 - Available in other voltages for 50Hz

2 - Requires seal fail and thermal circuit in control panel for warranty validity.

3 - Continuous duty motor - see minimum submersion depth above.



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PERFORMANCE CURVE

BJM Pumps® JX55SSF

Dwg:

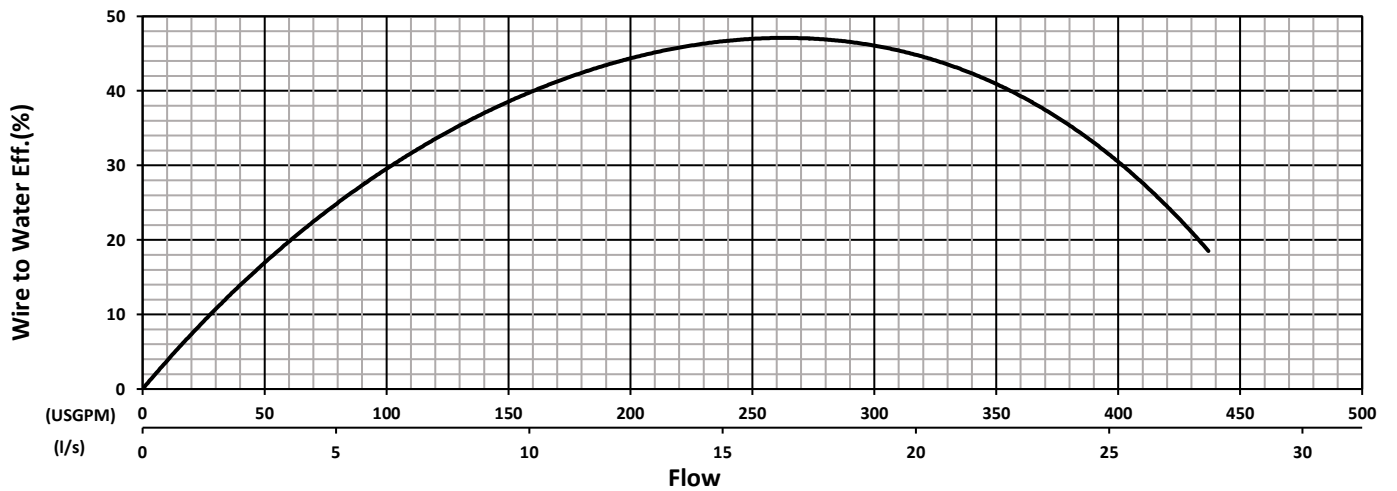
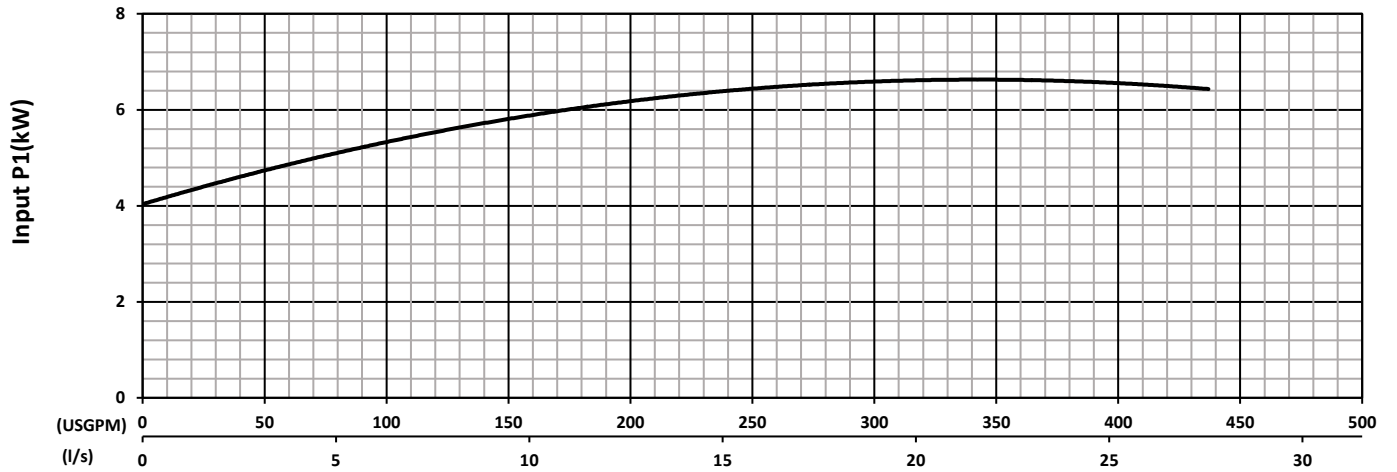
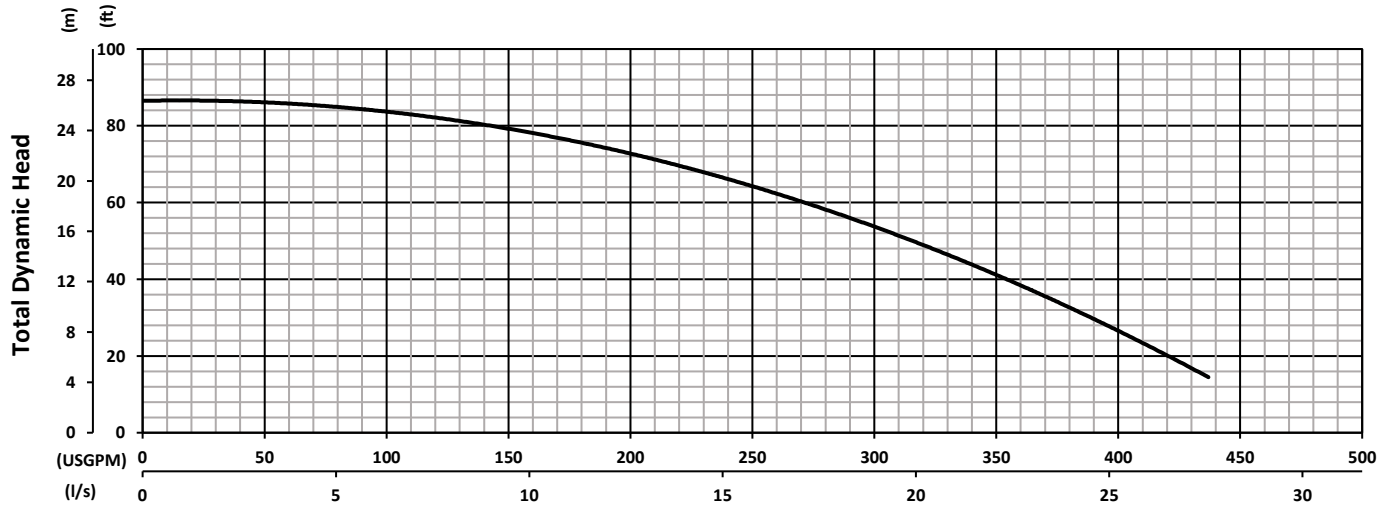
DS-C07-017

Rev:

1

Date:

6/20/2025



Test Standard : HI 11.6 Gr 3B
Tested with water at 20°C

55SSF - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	137mm

Specifications subject to change without notice