INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA		BJM Pumps® JX55CHSS		
	Dwg:	DS-C08-008	**Rev:**	1	**Date:** 9/8/2025

GENERAL DATA

MAX. FLOW:	269 GPM (1018.3 LPM)
MAX. HEAD:	103' (31.4m)
MAX. SUBMERSION DEPTH:	65’ (20 m) or limited to length of power cord, Consult factory for deeper depths
PUMP TYPE:	DEWATERING, SIDE DISCHARGE
MINIMUM SUBMERSION DEPTH FOR CONT. DUTY[3]:	25.5" (647.7 mm)
PUMP DOWN WATER LEVEL:	8" (203.2 mm)
SOLID SIZE:	0.37" (9.5 mm)
STRAINER OPENING:	0.37" (9.5 mm)
IMPELLER DIAMETER:	5.79" (147 mm)
DISCHARGE SIZE:	3" NPT-FEMALE
SLIDE RAIL SYSTEM	4" STAINLESS STEEL
PUMP WEIGHT (without cable):	184 lbs (83.5 kg)
SHIPPING WEIGHT:	227 lbs (103 kg)

CONSTRUCTION / MATERIAL DATA

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

ELECTRICAL / MOTOR DATA

MOTOR: HP, TYPE, RATING	7.5, SUBMERSIBLE, (CONTINUOUS DUTY[3])		
MOTOR RPM	3450		
MOTOR INSULATION CLASS	H		
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
POWER CABLE: GAGE-LENGTH	AWG 10/4, 33' (10m) SOOW		
SENSOR CABLE: (OPTIONAL[2]) GAGE-LENGTH	AWG 18/2, 33' (10m) STOW		
MOTOR PROTECTION	THERMAL & AMP. OVERLOAD		
SEAL LEAK DETECTOR (OPTIONAL[2])	Seal Minder® MOISTURE SENSING PROBE		
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)		

1 - Available in other voltages for 50Hz
2 - Requires a seal fail circuit in control panel for warning signal.
3 - Continuous duty motor - see minimum submersion depth above.

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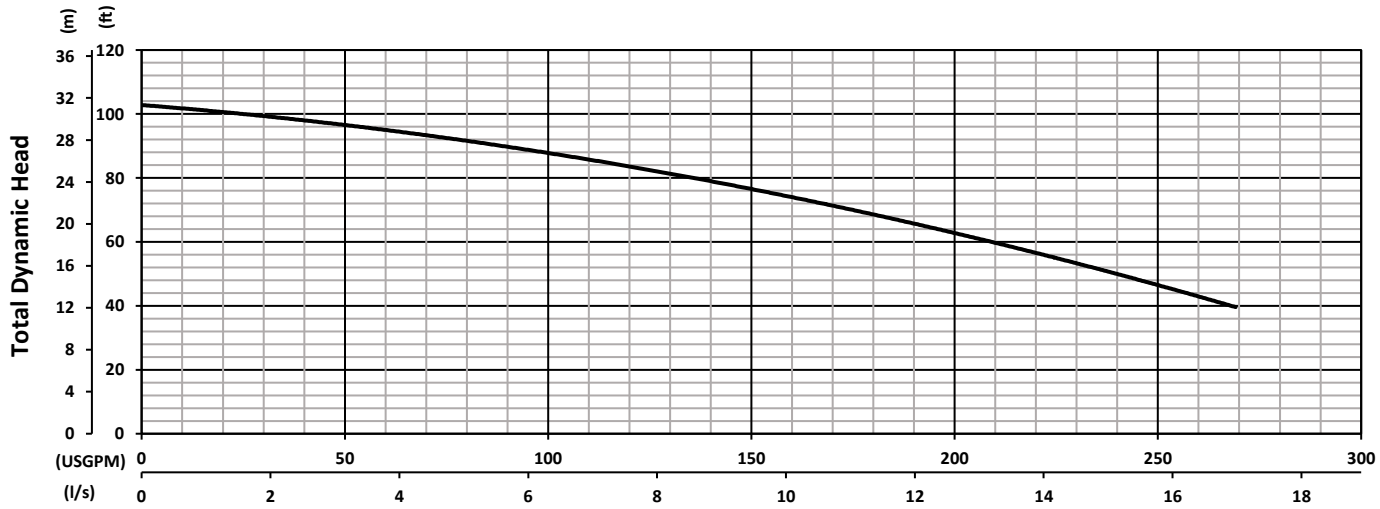
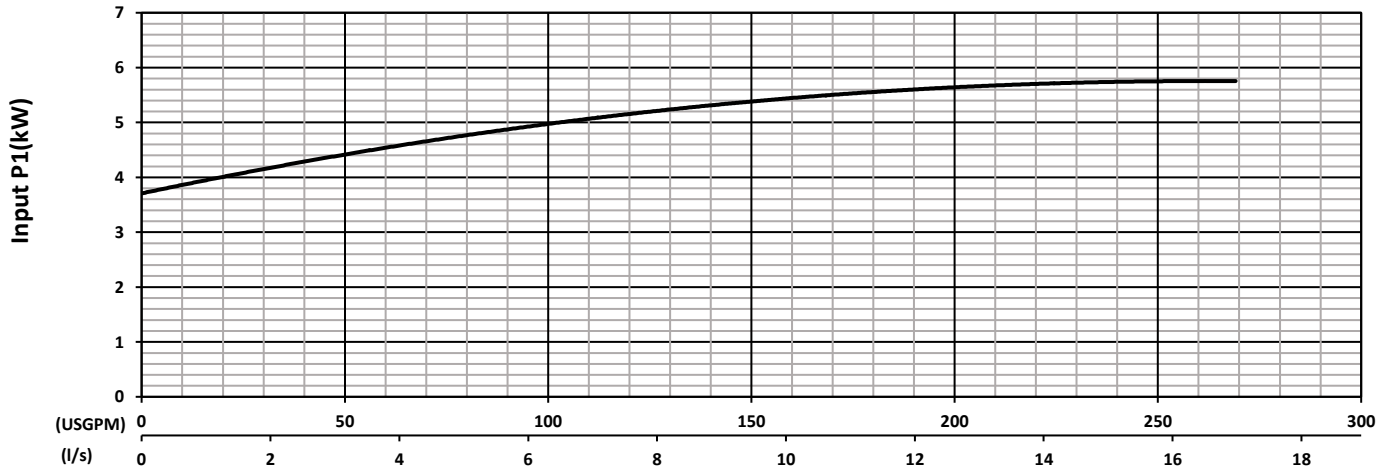
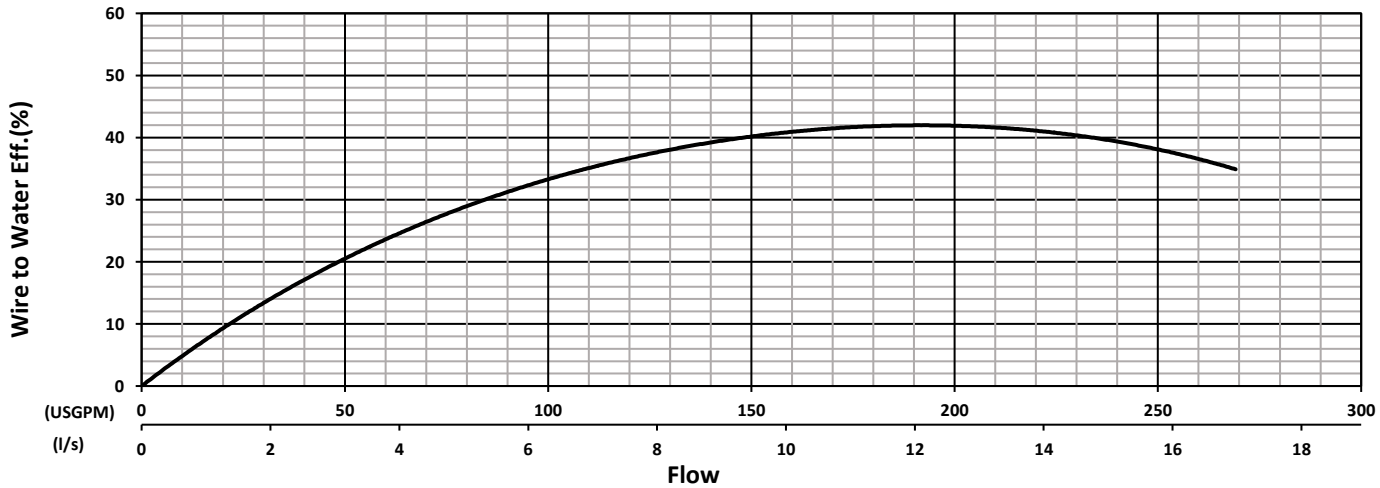
INDUSTRIAL FLOW SOLUTIONS™	PERFORMANCE CURVE		BJM Pumps® JX55CHSS		
	Dwg:	DS-C08-005	**Rev:**	1	**Date:** 6/11/2025







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

55CHSS - Dual Units

Frequency	60 Hz
Pump Speed	3450 RPM
Impeller	147mm

Specifications subject to change without notice