

 INDUSTRIAL FLOW SOLUTIONS™	TECHNICAL DATA			BJM Pumps® XP-SKG22C		
	Dwg:	DS-C39-004	Rev:	1	Date:	4/14/2025

GENERAL DATA

APPROVALS:	EXPLOSION PROOF FM APPROVED CLASS 1, DIVISION 1, GROUP C & D	
MAX. FLOW:	300 GPM (1135.6 L/min)	
MAX. HEAD:	41' (12.5m)	
MAX. SUBMERSION DEPTH:	65' (20m) or limited to length of power cord, Consult factory for deeper depths	
PUMP TYPE	AXIAL GRINDER & RADIAL SHREDDER	
MINIMUM SUBMERSION DEPTH:	33.2" (842 mm)	
IMPELLER DIAMETER:	6.5" (165.1 mm)	
DISCHARGE SIZE	3" NPT-FEMALE	
SLIDE RAIL SYSTEM	NON-SPARKING 3" SLIDE RAIL, SR-XP3	
PUMP WEIGHT, without cable:	198 lbs (90 kg)	
SHIPPING WEIGHT:	236 lbs (107 kg)	

CONSTRUCTION / MATERIAL DATA

UPPER MECHANICAL SEAL	CARBON/CERAMIC - BUNA
LOWER MECHANICAL SEAL	SILICON CARBIDE/SILICON CARBIDE - BUNA
MOTOR CASING	CAST IRON
PUMP VOLUTE	CAST IRON
IMPELLER	CHROME IRON
CUTTER COMPONENTS	440C SS, HEAT TREATED 58-60 Rc
SUCTION COVER	CHROME IRON
LIP SEAL & O-RINGS	BUNA-N
ROTOR SHAFT	316 SS
EXTERNAL HARDWARE	304 SS
BALL BEARING: PERM. LUBE. UPPER	SINGLE ROW, SEALED BALL BEARING
BALL BEARING: PERM. LUBE. LOWER	SINGLE ROW, SEALED BALL BEARING

ELECTRICAL / MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 3 (CONTINUOUS DUTY ¹)			
MOTOR RPM	1750			
MOTOR INSULATION CLASS	F			
MOTOR SERVICE FACTOR	1.15			
VOLTAGE - 60 Hz	208V	230V	460V	575V
CURRENT F.L.A.	9.4	8.9	4.5	3.6
LOCKED ROTOR CURRENT (LRA)	51	48.3	24.4	19.5
POWER CABLE: GAGE; LENGTH	AWG 14/4, 50' (15m), SOOW			
SENSOR CABLE: GAGE; LENGTH	AWG 14/4, 50' (15m), SOOW			
MOTOR PROTECTION	TWO NORMALLY CLOSED THERMOSTATS			
SEAL LEAK DETECTOR ²	SINGLE ELECTRODE LEAKAGE DETECTOR			
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)			

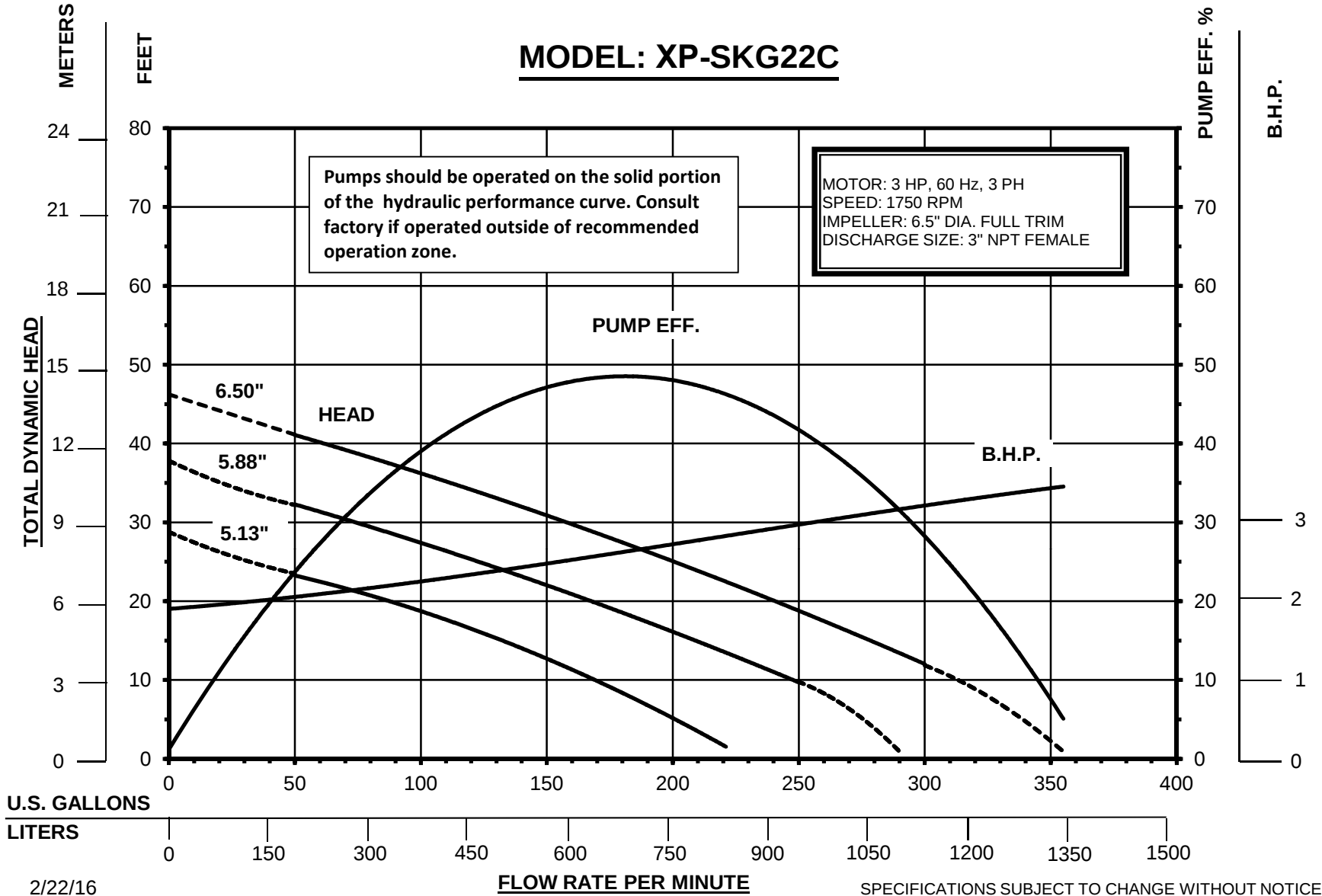
1 - Continuous duty motor - see minimum submersion depth above

2 - Seal fail and thermal sensor cable must be properly connected to maintain warranty

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