

**TECHNICAL DATA
 MODEL XP-SKX150CSS
 EXPLOSION PROOF**



FM APPROVED CLASS 1, DIVISION 1, GROUP C & D MOTOR

GENERAL DATA

MAX. FLOW: GPM (L/min)	900 GPM (3400 L/min)
MAX. HEAD: ft (m)	110' (33.5 m)
MAX. SUBMERSION DEPTH: ft (m)	65' (20m) or limited to length of power cord
PUMP TYPE	NON CLOG, SHREDDER
SOLID SIZE: in (mm)	3.5" (89 mm)
IMPELLER DIAMETER: in (mm)	10.87" (276 mm)
DISCHARGE SIZE	6" ANSI SLIP WELD FLANGE
SLIDE RAIL SIZE	NON-SPARKING 6" SLIDE RAIL, SR-XP6
PUMP WEIGHT, without cable: lbs (kg)	754 lbs. (342 kg)
SHIPPING WEIGHT: lbs (kg)	772 lbs. (350 kg)

CONSTRUCTION/MATERIAL DATA

MECHANICAL SEAL - UPPER	CARBON / CERAMIC, FKM
MECHANICAL SEAL - LOWER	SILICON CARBIDE / SILICON CARBIDE, FKM
MOTOR HOUSING	CAST IRON, EPOXY COATED
PUMP VOLUTE	316SS
IMPELLER	TWO VANE, 316 SS
IMPELLER SHREDDER BLADE	TUNGSTEN CARBIDE
STAND	316 SS
SUCTION COVER	316 SS
LIPSEAL & O-RINGS	FKM
ROTOR SHAFT	403 SS
EXTERNAL HARDWARE	304 SS
BALL BEARING: PERM. LUBE. UPPER	6309ZZC3
BALL BEARING: PERM. LUBE. LOWER	7312BDB

ELECTRICAL /MOTOR DATA

MOTOR: TYPE, RATING HP	SUBMERSIBLE, 20 (CONTINUOUS DUTY)	
MOTOR RPM	1750	
MOTOR INSULATION CLASS	F	
MOTOR SERVICE FACTOR	1.15	
VOLTAGE - 3 PH, 60 Hz	460V	575V
CURRENT F.L.A.	24	19.2
LOCKED ROTOR CURRENT (LRA)	139	111.2
POWER CORD ¹ : GAGE; LENGTH	AWG 10/4 ; 50' (15m)	
SENSOR CORD ¹ : GAGE; LENGTH	AWG 14/4; 50' (15m)	
MOTOR PROTECTION	TWO NORMALLY CLOSED THERMOSTATS	
MAXIMUM LIQUID TEMPERATURE	104°F (40°C)	
SEAL LEAK DETECTOR	SINGLE ELECTRODE LEAKAGE DETECTOR	

1- SOOW, 90°C, 600V UL/CSA portable cord.

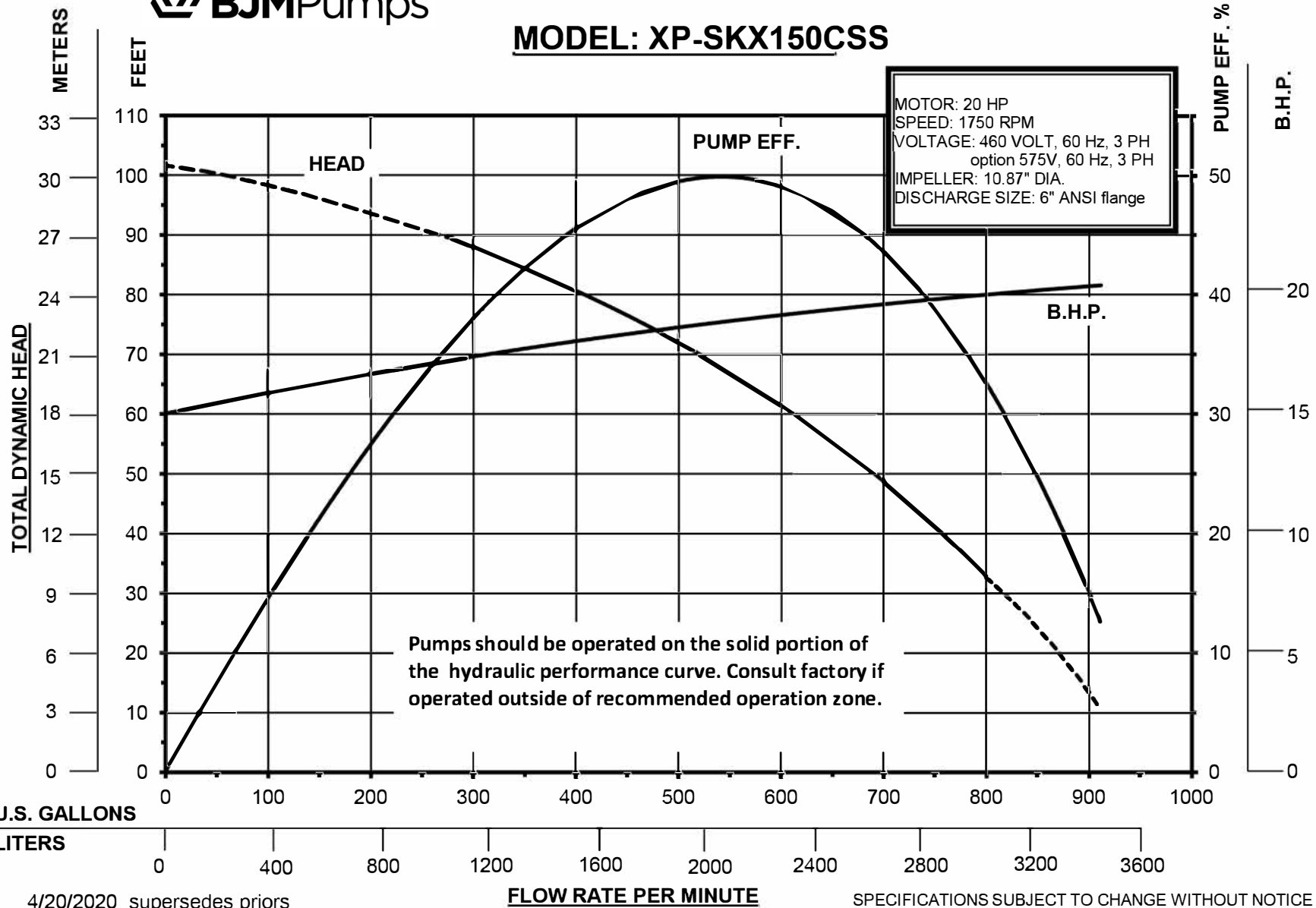
©2020 Industrial Flow Solutions Operating, LLC. All rights reserved.

104 John W Murphy Drive
 New Haven, CT. 0613, USA
 Tel: (860)399-5937 - Fax: (860)399-7784

REFER TO REVERSE SIDE FOR PUMP PERFORMANCE CURVES SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

© 2020 Industrial Flow Solutions Operating, LLC. All rights reserved.

MODEL: XP-SKX150CSS



MOTOR: 20 HP
 SPEED: 1750 RPM
 VOLTAGE: 460 VOLT, 60 Hz, 3 PH
 option 575V, 60 Hz, 3 PH
 IMPELLER: 10.87" DIA.
 DISCHARGE SIZE: 6" ANSI flange

Pumps should be operated on the solid portion of the hydraulic performance curve. Consult factory if operated outside of recommended operation zone.

4/20/2020 supersedes priors

FLOW RATE PER MINUTE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE