

TECHNICAL DATA
MODEL XP-SKG22C
EXPLOSION PROOF
FM APPROVED CLASS I, DIVISION 1, GROUP C&D MOTOR
GENERAL DATA



| | |
|--------------------------------------|--|
| MAX. FLOW: GPM (L/min) | 300 GPM @ 12' (1135.5 L/min @ 3.7 m) |
| MAX. HEAD: ft (m) | 41' @ 50 GPM (12.5 m @ 189.3 L/min) |
| MAX. SUBMERSION DEPTH: ft (m) | 65' (20m) or limited to length of power cord, Consult factory for deeper depths |
| PUMP TYPE | AXIAL & RADIAL SHREDDER |
| IMPELLER DIAMETER: in (mm) | 6.5" (165.1 mm) |
| DISCHARGE SIZE | 3" NPT-FEMALE |
| PUMP WEIGHT, without cable: lbs (kg) | 198 lbs (90 kg) |
| SHIPPING WEIGHT: lbs (kg) | 236 lbs (107 kg) |

CONSTRUCTION / MATERIAL DATA

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|---------------------------------|--|
| MECHANICAL SEAL - UPPER | CARBON/ CERAMIC - BUNA |
| MECHANICAL SEAL - LOWER | SILICON CARBIDE/SILICON CARBIDE - BUNA |
| MOTOR HOUSING | CAST IRON |
| PUMP VOLUTE | CAST IRON |
| IMPELLER | DOUBLE VANE, 12% CHROME IRON |
| CUTTER BAR | 440C SS, HEAT TREATED 58-60 Rc |
| AXIAL CUTTER RING | 440C SS, HEAT TREATED 58-60 Rc |
| RADIAL CUTTER RING | 440C SS, HEAT TREATED 58-60 Rc |
| SUCTION COVER | 12% CHROME IRON |
| STAND | CAST IRON |
| LIPSEAL & 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 HP (CONTINUOUS DUTY) | | | |
| MOTOR RPM | 1750 | | | |
| MOTOR INSULATION CLASS | F | | | |
| MOTOR SERVICE FACTOR | 1.15 | | | |
| VOLTAGE - 3 PH, 60 Hz | 208V | 230V | 460V | 575V option |
| CURRENT F.L.A. | 9.4 | 8.9 | 4.5 | 3.6 |
| POWER CABLE: GAGE; LENGTH | A.W.G. 14/4; 50' (15m), SOOW, 90°C, 600V | | | |
| SENSOR CABLE: GAGE; LENGTH | A.W.G. 14/4; 50' (15m), SOOW, 90°C, 600V | | | |
| MOTOR PROTECTION | TWO NORMALLY CLOSED THERMOSTATS | | | |
| MAXIMUM LIQUID TEMPERATURE | 104°F (40°C) | | | |
| SEAL LEAK DETECTOR ¹ | Seal Minder®; MOISTURE SENSING PROBE | | | |

1- Requires a seal fail circuit in control panel for warning signal.

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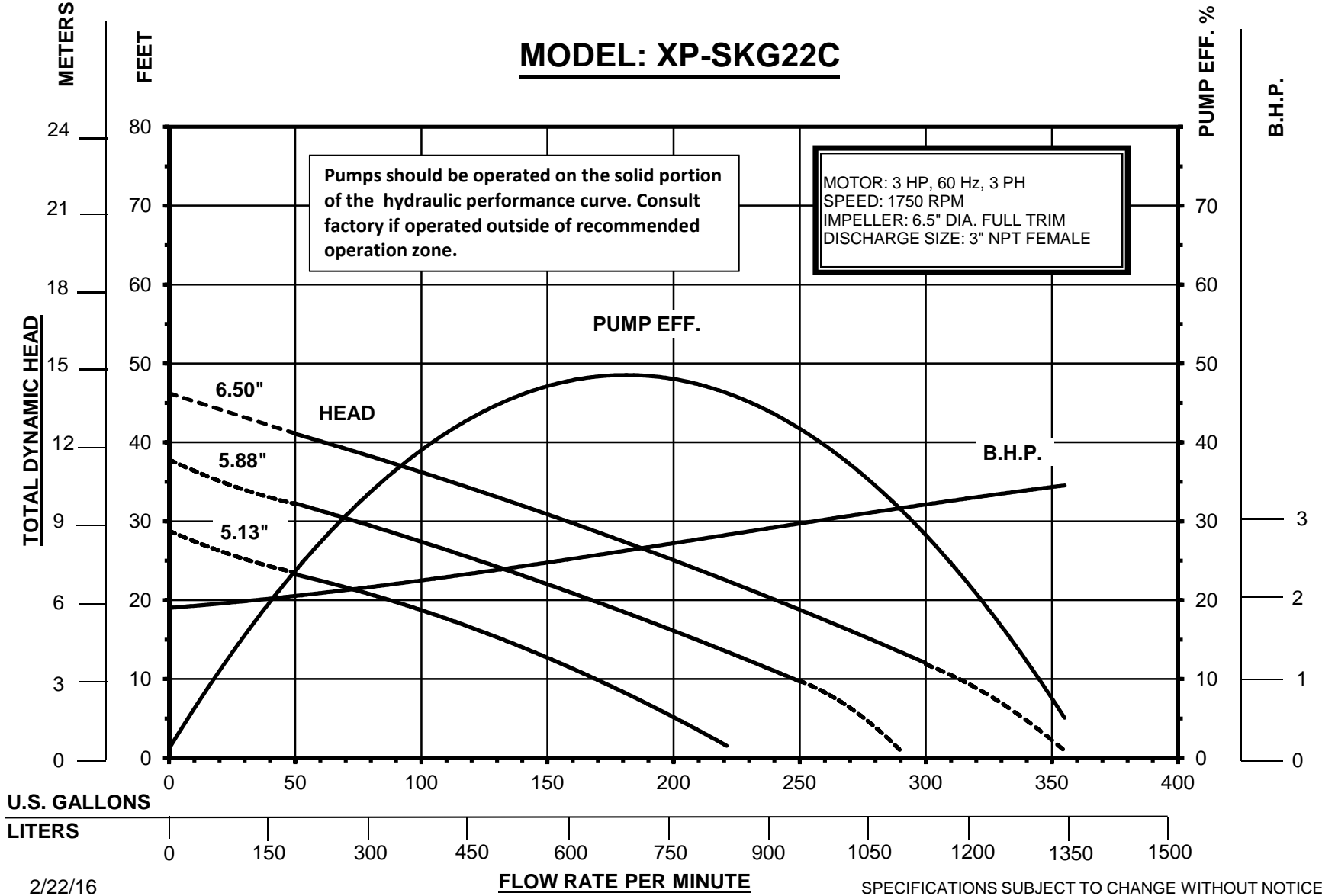
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