

C D E



Submersible Pump

Model JSV3B60-E2.7



APPROVED
X-PROOF MOTORS FOR CLASS 1,
DIV. 1, GROUPS C&D LOCATIONS
(See Note for Ordering FM)

Size 3"

VARIOUS PATENTS APPLY

PUMP SPECIFICATIONS

- Casing:** Gray Iron 30.
- Impeller:** Winglet Vane Vortex, Ductile Iron 80-55-06.
Handles 3.15" (80 mm) Diameter Spherical Solids.
- Seal Housing:** Gray Iron 30.
- Lower Bearing Bracket:** Gray Iron 30.
- Motor Housing:** Gray Iron 30.
- Motor Shaft:** Stainless Steel 329.
- Bearings:** Ball Type, Permanently Lubricated.
- O-Rings:** Nitrile Rubber.
- Hardware-External Wetted:** Stainless Steel 316.
- External Surface Protection:** Epoxy Paint.
- Standard Equipment:** Slide Rail Guide Shoe w/Neoprene Seal, Hoisting Bail.
- Optional Equipment:** 90° Baseplate Elbow, Pump Control Panel, Slide Rail Installation Kit. CSA Approved (Class I, Division II) Pumps Available Upon Request.

Note: When Ordering FM A Model, Specify "X" In: "E" Following Hypher Model Number.

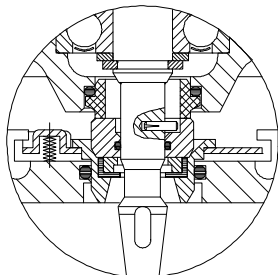


MOTOR/CABLE SPECIFICATIONS

- Motor:** 2.7 H.P., 60 Hertz, 1750 R.P.M., Air Filled Enclosure, Squirrel Cage, Induction Start, G-R Frame 1, Class F Insulation Rated 311°F (155°C), 104°F (40°C) Ambient Plus 207°F (115°C) Temperature Rise. Max. Submergence Depth 65 Feet (20 Meters).
- 200, 230, 460 or 575 Volts, Three Phase,** 10.5/9.1/4.5/3.6 Full Load Amps, NEMA Code H, 1.15 Service Factor.*
- 230 Volts, Single Phase,** 11.9 Full Load Amps, NEMA Code H, 1.15 Service Factor.*
- Standard Features:** Moisture Sensor Switch, Thermal Protection Switches, Across-the-Line Motor Wiring Connection.
- Power/Control Cable:** Neoprene Jacket, Single Cable, 16 AWG., 7 Wire Conductors (2 Conductors used for Moisture and Thermal Protection). 26 Feet (8 Meters) Provided Standard. For Different Lengths, Specify at Time of Order.
- * Specify Voltage Required at the time of Order (Dual Voltage for 230/460 Motors Standard).

WARNING!

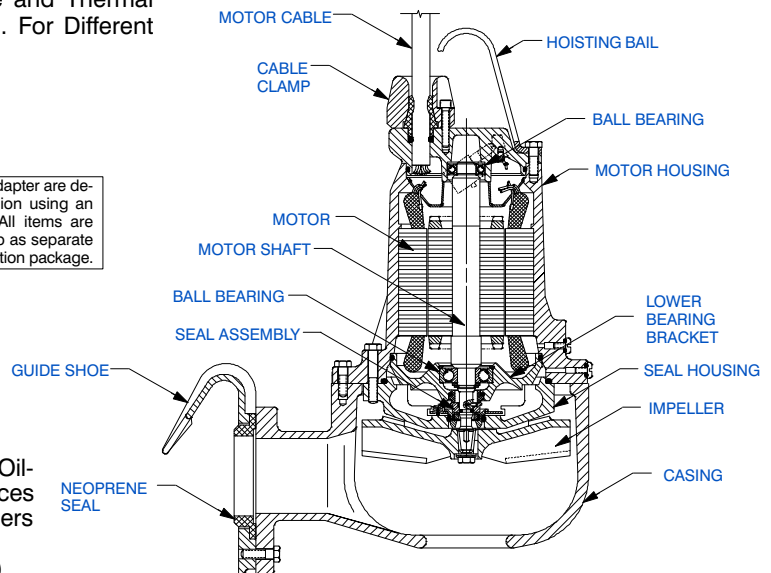
Use only X-proof model for application in Class I, Division I, Groups C and D X-proof environments, or where trace amounts of volatile, flammable liquids may be present.



The pump and guide shoe adapter are designed for slide rail installation using an optional baseplate elbow. All items are available from Gorman-Rupp as separate parts or as a complete lift station package.

SEAL SPECIFICATIONS

Mechanical Double Seal, Self-Aligning, Double Floating, Oil-Lubricated. Lower Faces are Silicon Carbide, Upper Faces Are Carbon and Silicon Carbide, Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Maximum Temperature of Liquid Pumped: 104°F (40°C).



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

GORMAN-RUPP OF CANADA LIMITED • ST. THOMAS, ONTARIO, CANADA

www.grpumps.com

Specifications Subject to Change Without Notice

Printed in U.S.A.

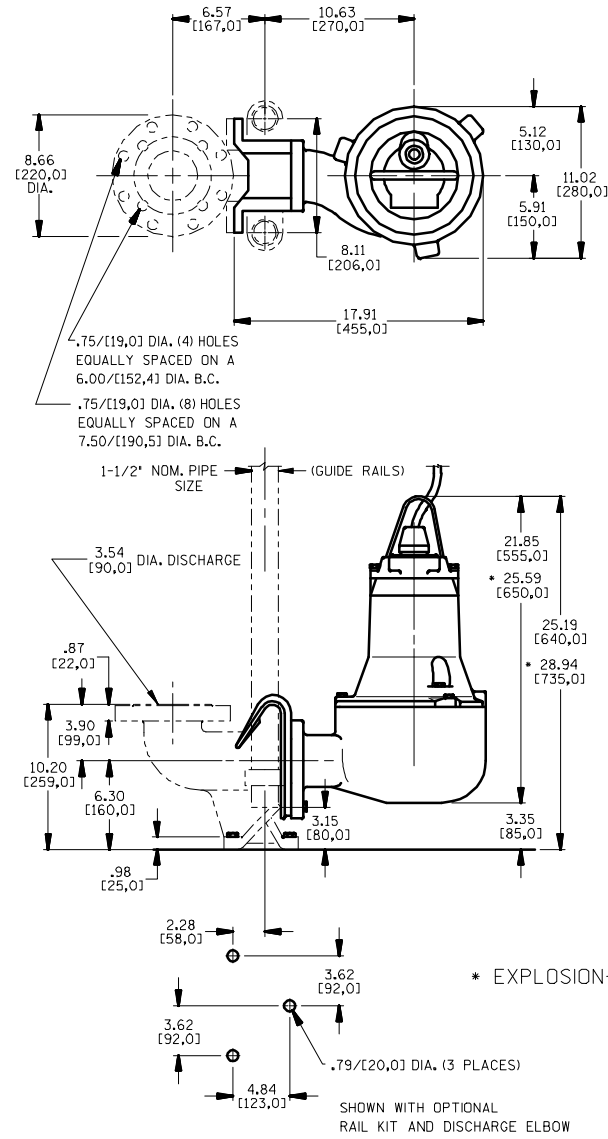
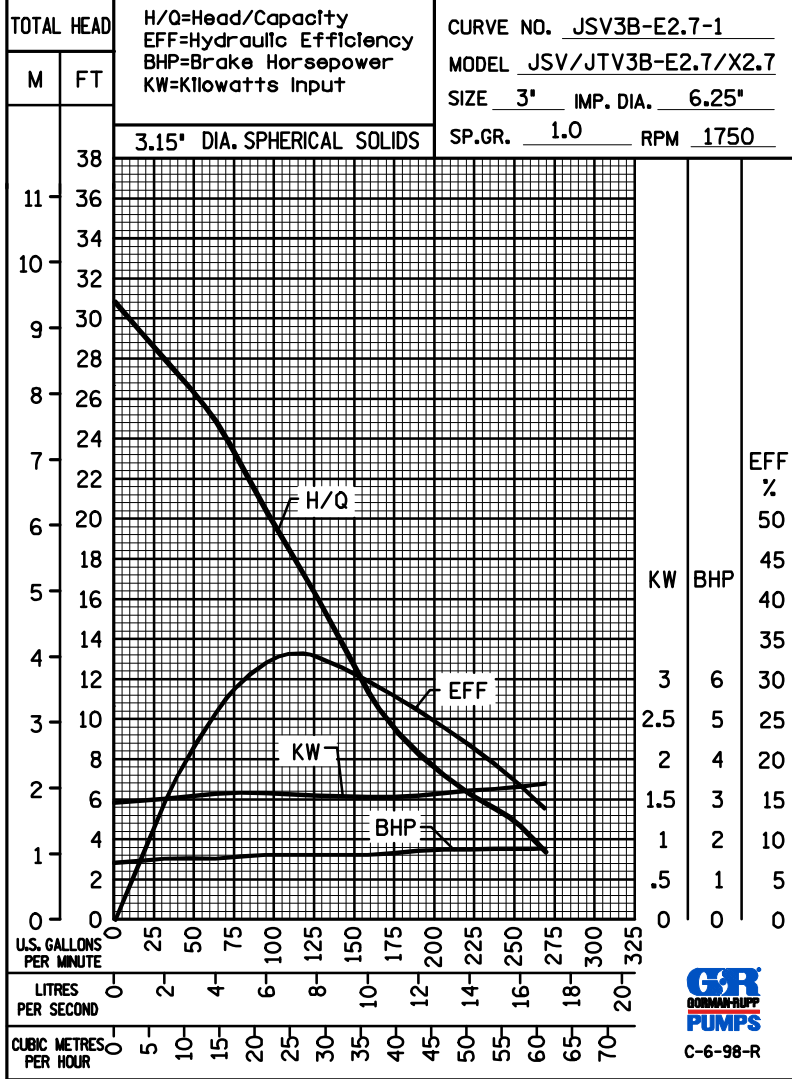
Specification Data

SECTION 138, PAGE 40

OVERALL DIMENSIONS
and
APPROXIMATE WEIGHTS

NET WT: (pump only) **127 LBS.** [58 KG.]
 (pump w/std. cable) **132 LBS.** [60 KG.]
SHIPPING WT: **146 LBS.** [66 KG.]
CRATE SIZE: **3.6 CU. FT.** [0,10 CU. M.]

PERFORMANCE CURVE



DIMENSIONS:
INCHES
[MILLIMETERS]



THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

GORMAN-RUPP OF CANADA LIMITED • ST. THOMAS, ONTARIO, CANADA

Specifications Subject to Change Without Notice

Printed in U.S.A.