



# Submersible Pump

## Model S3B65-E6

### Size 3"



#### PUMP SPECIFICATIONS

**Suction Head:** Stainless Steel CD4MCu.

Maximum Operating Pressure 50 psi (345 kPa).\*

**Impeller:** Stainless Steel CD4MCu.

**Seal Plate:** Stainless Steel CD4MCu.

**Intermediate:** Aluminum Alloy 356-T6.

**Motor Housing:** Stainless Steel 316.

**Rotor Shaft:** Stainless Steel 316.

**Shaft Sleeve:** Stainless Steel 316.

**Bearings:** Upper, Open Single Row Ball Bearing.  
Lower, Two Shield, Double Row Ball Bearing.

**Discharge Flange:** Stainless Steel 316.

**Gaskets:** Buna-N with Compressed Synthetic Fibers.

**O-Rings:** Fluorocarbon (DuPont Viton® or Equivalent) and Buna-N.

**Wetted Hardware:** Stainless Steel.

**Strainer:** Stainless Steel 316;

51% Open Area, 0.375" (9.5 mm) Diameter Openings.

**Hoisting Bail:** Stainless Steel 316.

#### Standard Equipment

**NEMA Type 3R Rainproof Control Box.** (See Section 130, Pages 80 and 85.)

Provides On-Off, Circuit Breaker and Motor Overload Protection.

#### Optional Equipment

**Liquid Level Control** (See Sec. 130, Page 150.)

a. Turtle Type Pressure Activated Level Switch.

b. Float Activated Level Switch.

#### Staging Adapter Kit.

#### MOTOR/CABLE SPECIFICATIONS

**Motor:** Oil Filled Enclosure; 6.0 H.P.; 3450 R.P.M.

**Single Phase:** 230 Volt, 60 Hz, 34 Full Load AMPS, 7.2 kW (Max.)

**Three Phase:** 230/460/575 Volt, 60 Hz, 23/11.5/9.2 Full Load AMPS,  
6.8 kW (Max.)

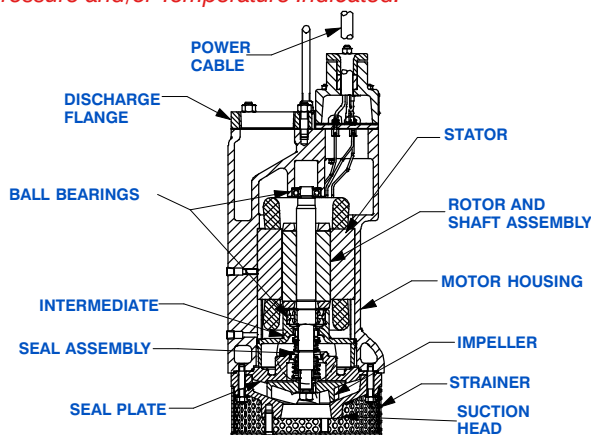
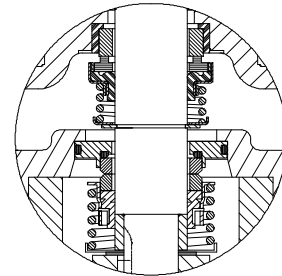
**Power Cable:** (230V/460V) 6 Wire; Type GGC; 8 AWG; 3 Power Conductors,  
2 Ground and 1 Ground Check.

(575V) 4 Wire; Type SO/SOW/SOOW; CPE/CSPE; 10 AWG; 3 Power  
Conductors, Plus 1 Ground. Nominal Length 50 Feet (15 m). Standard.

(Specify Alternate Length at Time of Order.)

**Recommended Generator Size:** 15 kW Across the Line Start.

*\*Consult Factory for Applications Exceeding Maximum  
Pressure and/or Temperature Indicated.*



#### SEAL SPECIFICATIONS

Tandem, Oil Lubricated.

**Upper Seal:** Type 21, Mechanical. Carbon Rotating Face.  
Ni-Resist Stationary Face. Buna-N Elastomers.  
Stainless Steel 18-8 Cage and Spring.

**Lower Seal:** Type 2 Mechanical. Silicon Carbide,  
Rotating and Stationary Faces. Stainless Steel  
316 Stationary Seat. Fluorocarbon Elastomers  
(DuPont Viton® or Equivalent). Stainless Steel  
316 Cage and Spring.

Maximum Temperature of Liquid Pumped, 122°F (50°C).\*



## GORMAN-RUPP PUMPS

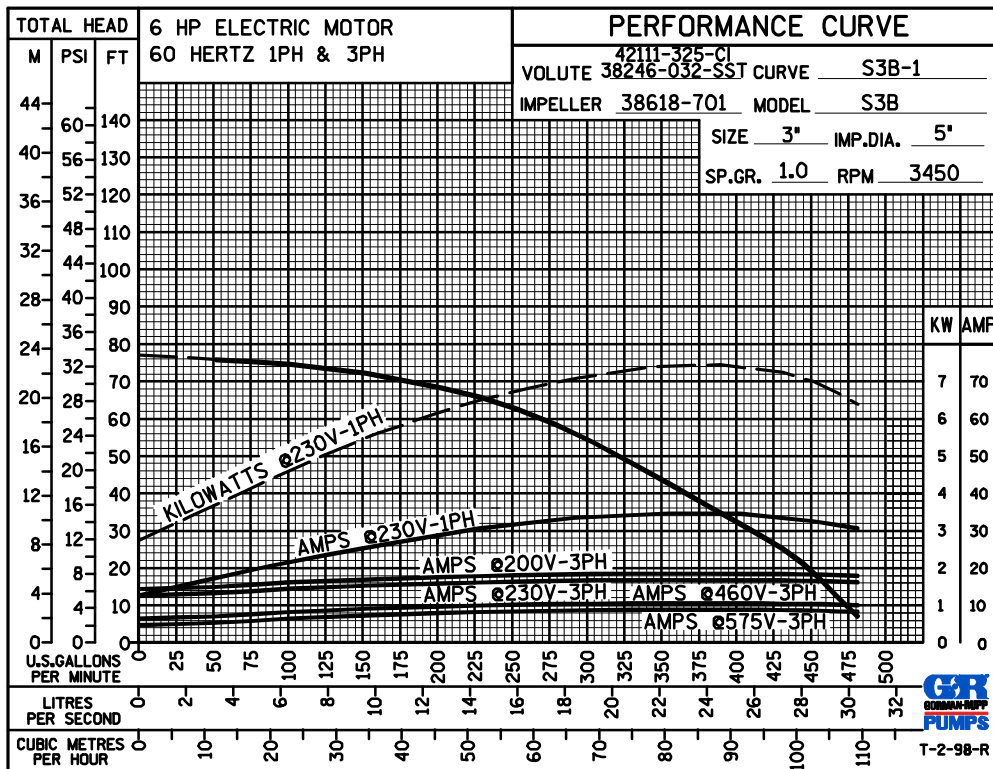
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**SECTION 130, PAGE 720**

**NET WEIGHT:** 147 LBS. (66,7 KG.)  
**SHIPPING WEIGHT:** 157 LBS. (71,2 KG.)  
**EXPORT CRATE SIZE:** 7.8 CU. FT. (0,22 CU. M.)



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