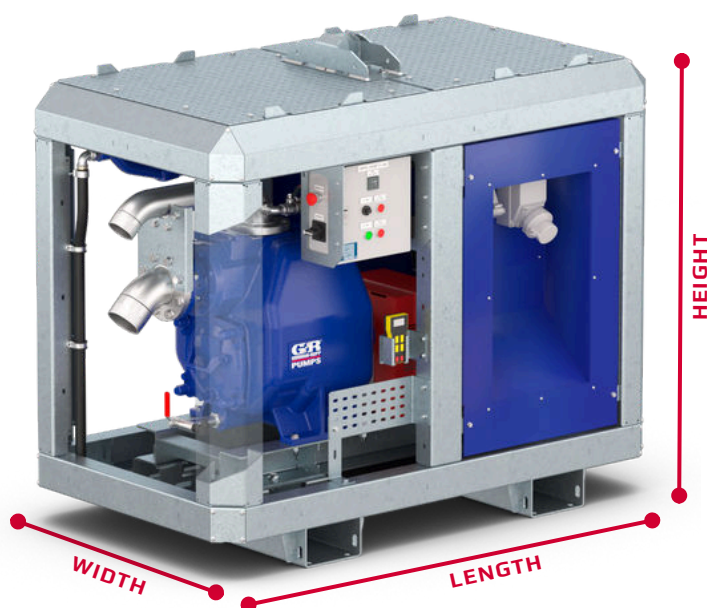


# E-Line V3-7.5-4

## GORMAN-RUPP E-LINE GENERAL DESCRIPTION



The Gorman-Rupp E-Line V3-7.5-4 is an electric driven self-priming centrifugal pump set for pumping clean, dirty and sewage water.



### WEIGHT

Approx. 875 kg

### OPERATION

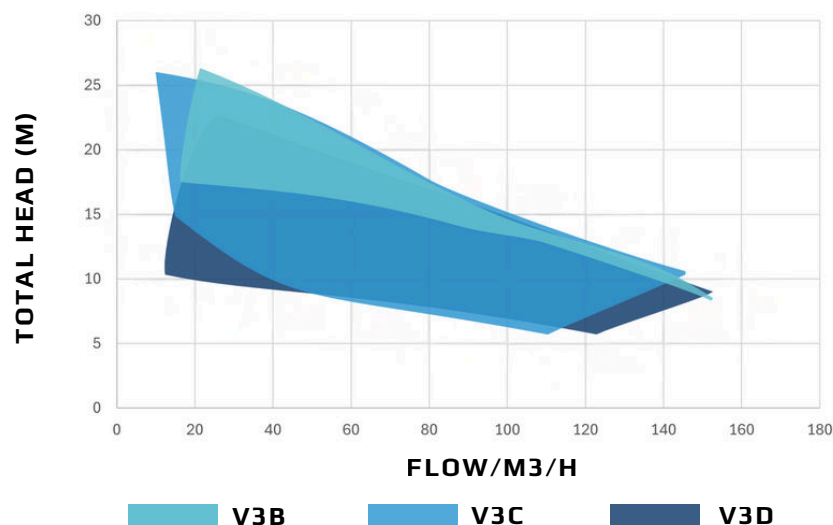
Control panel with main switch, emergency switch, pump on/off, hour counter and speed control. See rear side for more options.

### COUPLING AND GUARD

Rubber tyre coupling, steel guard RAL 3002 (red)

### CHASSIS

Heavy gauge steel chassis, fully galvanized. Steel protective panels, galvanized, with an additional epoxy layer and powder coated RAL 5003 with a total dry film thickness of approx. 120 micron

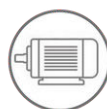


\*Pump performance curve is based on water with a SG=1.0 and without additional accessories.



### PUMP

Gorman-Rupp V3B60-B self-priming centrifugal pump



### ELECTRIC MOTOR

7,5 kW IE3 premium efficiency electric motor with integrated variable frequency drive(VFD)



### IMPELLER

9,75" Impeller made of ductile iron 76,2 mm solid handling capacity



### PERFORMANCE

Max.152 m3/h flow or 25 mWc discharge head



### DIMENSIONS

4" x 3" BSP-T connection size  
L: 1,785 m W: 1 m H: 1,51 m



### SOUND

max. 75 dB, measured at 1 meter distance and 1 meter height



### WARRANTY

5-year Gorman-Rupp warranty on the pump, 1-year on the motor and other components



*The Pump People®*

WHERE BLUE MEETS GREEN



# E-Line V3-7.5-4

## GORMAN-RUPP E-LINE TECHNICAL SPECIFICATIONS



### PUMP

Solids handling  
Max. working pressure  
Impeller  
Pump shaft bearings  
Bearing and seal cavity lubrication  
Shaft sealing

### V3B60-B

(standard version, see curves and table below for optional hydraulics. Check E-Line brochure page 42 for material codes)

76,2 mm  
90 psi (621 kPa)  
9,75 " Semi-Open, Six Vane Ductile Iron 65-45-12  
Open Single and Double Row Ball Bearings  
SAE 30 Non-Detergent Oil  
Mechanical cartridge type seal with Silicon Carbide / Silicon Carbide faces and Fluorocarbon FKM, (Viton® or Equivalent) Elastomers.  
Standard Plated Steel  
Bearing and Seal Cavity Oil Level Sight Gauges  
Gray Iron 30  
Ductile Iron 65-45-12  
Stainless steel 17-4 PH  
Alloy Steel 4130  
Carbon Steel ASTM A36  
Neoprene with Nylon and Steel Reinforcing  
Gray Iron 30  
Gray Iron 30  
Buna-N, with Compressed Synthetic Fiber, Vegetable Fiber, PTFE, Cork and Rubber  
Buna N

Fasteners  
Oil sight glasses  
Pump casing  
Material Impeller  
Impeller Shaft  
Shaft sleeve  
Wear plate  
Check valve  
Seal plate  
Bearing housing  
Gaskets  
O-Rings



### AVAILABLE MODELS

<u>Model</u>	<u>Max. flow</u>	<u>Max.discharge head</u>	<u>Max.RPM</u>	<u>Min.RPM</u>
V3B-7.5-4	152 m3/h	23 mWc	1550	1050
V3C-7.5-4	140 m3/h	25 mWc	1850	1550
V3D-7.5-4	145 m3/h	21 mWc	1550	1050

### CHASSIS DESIGN

Chassis Heavy gauge steel chassis, fully galvanized  
Corrosion protection Hot-dip galvanized  
Protective panels Steel protective panels, galvanized with an additional epoxy layer and powder coated RAL 5003

### OPTIONS

Discharge Check Valve  
Air Release Valve  
High Temperature Shutdown Kit  
Remote Control  
Float Switch  
Level Sensor  
Custom Colors

### ELECTRIC MOTOR

Brand HOYER  
Model HMA3  
Maximum Power 7,5 kW  
Efficiency Class IE3 Premium Efficiency  
Variable Frequency Hoyer, Integrated in the Drive (VFD)  
Drive (VFD) pump set

### CONTROL PANEL

Functionalities Main switch, emergency switch, pump on/off, hour counter and speed control  
IP Rating of the Cabinet IP44  
Earthing System 5 wire Terra-Neutral Separated (TN-S) connection  
CEE Plug 32A 5P 400V

