

# E-Line V6-55-4

## GORMAN-RUPP E-LINE GENERAL DESCRIPTION



The Gorman-Rupp E-Line V6-55-4 is an electric driven self-priming centrifugal pump set for pumping clean, dirty and sewage water.



### WEIGHT

Approx. 2600 kg

### OPERATION

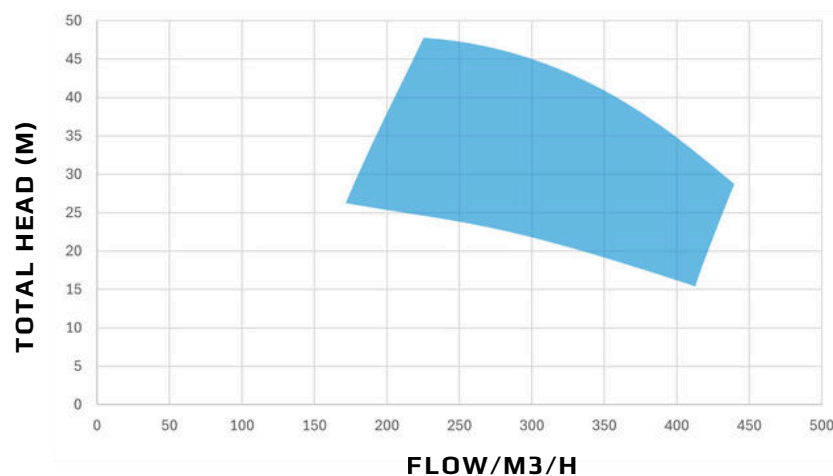
Control panel with main switch, emergency switch, pump on/off, hour counter and speed control. See rear side for more options.

### COUPLING AND GUARD

Rubber tyre coupling, integrated protective guard

### 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



V6A/C

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



### PUMP

Gorman-Rupp V6A60-B self-priming centrifugal pump



### ELECTRIC MOTOR

55 kW IE4 Super premium efficiency electric motor with variable frequency drive (VFD) integrated in the pump set



### IMPELLER

12,38" Impeller made of Ductile Iron 65-45-12  
76,2 mm solid handling capacity



### PERFORMANCE

Max. 432 m3/h flow or 47,5 mWc discharge head



### DIMENSIONS

8" x 6" BSP-T connection size  
L: 2,99 m W: 1,35 m H: 2,07 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



Electric Powered Pumps

*The Pump People®*

WHERE BLUE MEETS GREEN



# E-Line V6-55-4

## GORMAN-RUPP E-LINE TECHNICAL SPECIFICATIONS



### PUMP

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

**V6A60-B** (Standard version, see curves and table below for optional hydraulics.  
Check E-Line brochure for material codes)

76,2 mm  
129 psi (889 kPa)  
12,38" Semi-Open, Two Vane Ductile Iron 65-45-12  
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  
Alloy Steel 4150  
Alloy Steel 4130  
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  
Seal plate  
Bearing housing  
Gaskets

O-Rings



### AVAILABLE MODELS

<u>Model</u>	<u>Max. flow</u>	<u>Max. discharge head</u>	<u>Impeller Type</u>	<u>Solid handling</u>	<u>Materials</u>
V6A-55-4	432 m3/h	47,5 mWc	Semi-open, two vane	76,2 mm	Cast Iron
V6C-55-4	432 m3/h	47,5 mWc	Semi-open, two vane	76,2 mm	Cast Iron

### 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

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

### ELECTRIC MOTOR

Brand	WEG
Model	W22
Maximum Power	55,0 kW
Efficiency Class	IE4 Super Premium Efficiency
Variable Frequency Drive (VFD)	Euradrive, integrated in the 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	125A 5P 400V

