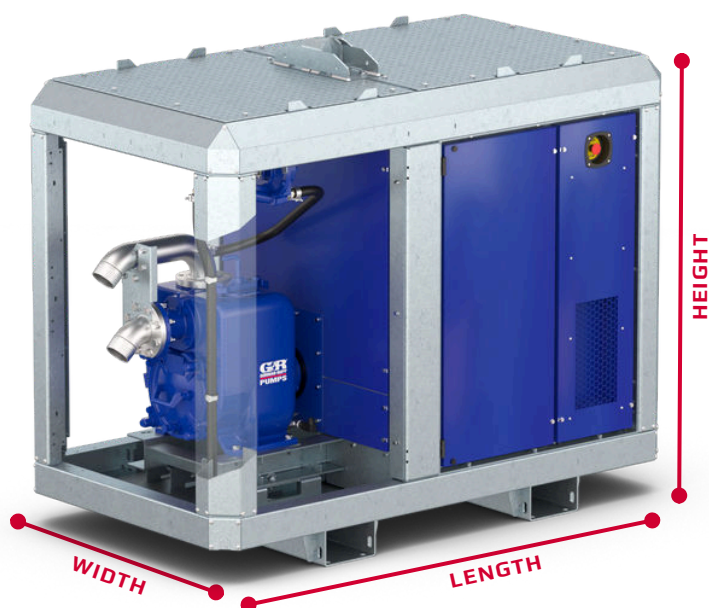


# E-Line U3-15-4

## GORMAN-RUPP E-LINE GENERAL DESCRIPTION



The Gorman-Rupp E-Line U3-15-4 is an electric driven self-priming centrifugal pump set for pumping clean and mildly contaminated water.



### WEIGHT

Approx. 1145 kg

### OPERATION

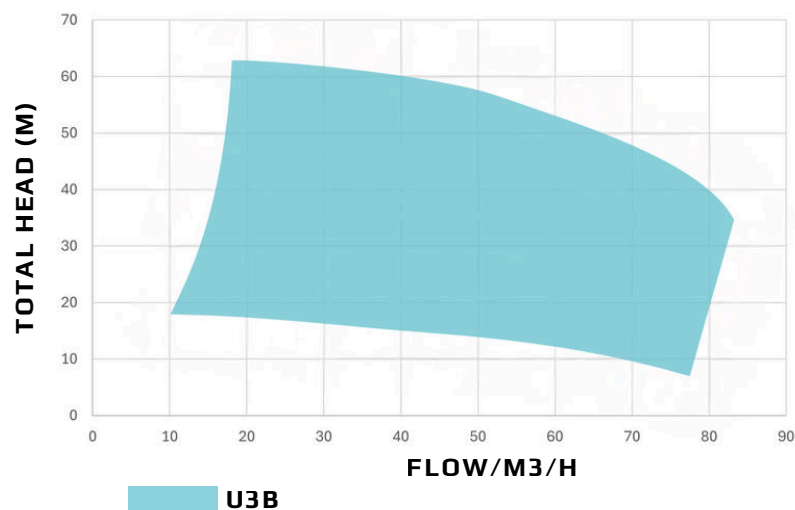
Control panel with main switch, emergency switch, pump on/off, hour counter and speed control. See rear side for more options.

### 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

Gorman-Rupp U3B60-B self-priming centrifugal pump



### ELECTRIC MOTOR

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



### IMPELLER

11" Impeller made of ductile iron 20,6 mm solid handling capacity



### PERFORMANCE

Max. 83 m3/h flow or 62 mWc discharge head



### DIMENSIONS

3" x 3" BSP-T connection size  
L: 2 m W: 1,1 m H: 1,66 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®*

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

WHERE BLUE MEETS GREEN



# E-Line U3-15-4

## GORMAN-RUPP E-LINE TECHNICAL SPECIFICATIONS



### PUMP

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

### U3B60-B

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

20,6 mm  
137 psi (945 kPa)  
11" Semi-Open, Six Vane Ductile Iron 60-40-18  
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 60-40-18  
Alloy Steel 4150  
Alloy Steel 4130  
Gray Iron 30  
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

Model  
U3B-15-4

Max. flow  
83 m3/h

Max.discharge head  
62 mWc

Max.RPM  
2150

Min.RPM  
1150

### 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  
WEG  
Model  
W22  
Maximum Power  
15,0 kW  
Efficiency Class  
IE4 Super Premium Efficiency  
Variable Frequency  
Euradrive, integrated in the  
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

