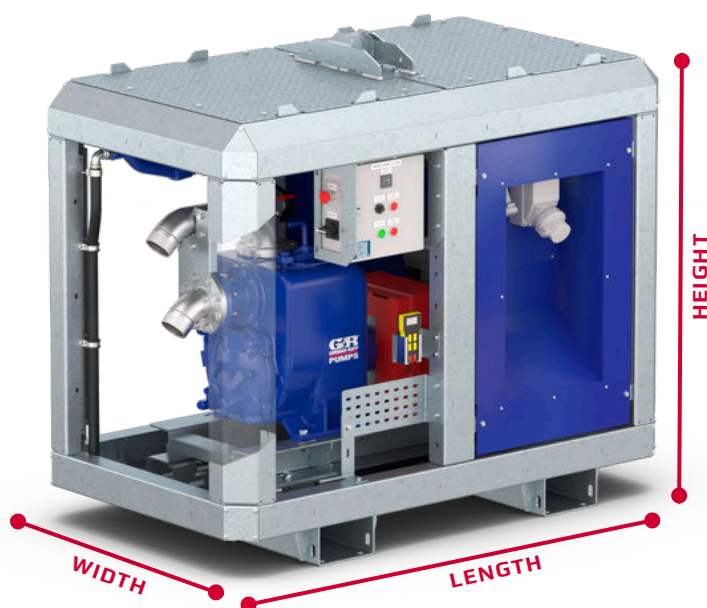


# E-Line U3-7.5-4

## GORMAN-RUPP E-LINE GENERAL DESCRIPTION



The Gorman-Rupp E-Line U3-7.5-4 is an electric driven self-priming centrifugal pump set for pumping clean and mildly contaminated water.



### WEIGHT

Approx. 825 kg

### OPERATION

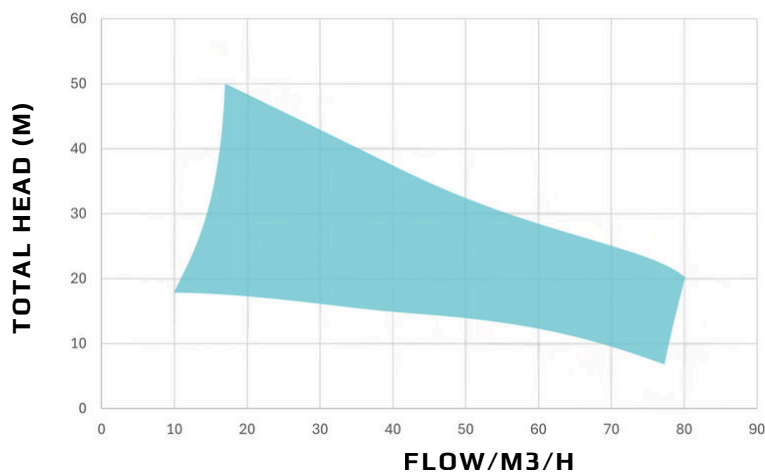
Control panel with main switch, emergency switch, pump on/off, hour counter and speed control. See rear side for more options.

### 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



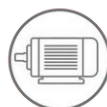
U3B

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



### PUMP

Gorman-Rupp U3B60-B self-priming centrifugal pump



### ELECTRIC MOTOR

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



### IMPELLER

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



### PERFORMANCE

Max.80 m3/h flow or 50 mWc discharge head



### DIMENSIONS

3" x 3" BSP-T connection size  
L: 1,75 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



Electric Powered Pumps

*The Pump People®*

WHERE BLUE MEETS GREEN



# E-Line U3-7.5-4

## GORMAN-RUPP E-LINE TECHNICAL SPECIFICATIONS



### PUMP

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

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

O-Rings

### 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



### AVAILABLE MODELS

Model  
U3B-7.5-4

Max. flow  
80 m3/h

Max.discharge head  
50 mWc

Max.RPM  
1900

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  
HOYER  
Model  
HMA3  
Maximum Power  
7,5 kW  
Efficiency Class  
IE3 Premium Efficiency  
Variable Frequency Drive (VFD)  
Hoyer, 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  
32A 5P 400V

