

**E-Line**  
**83-15-2**

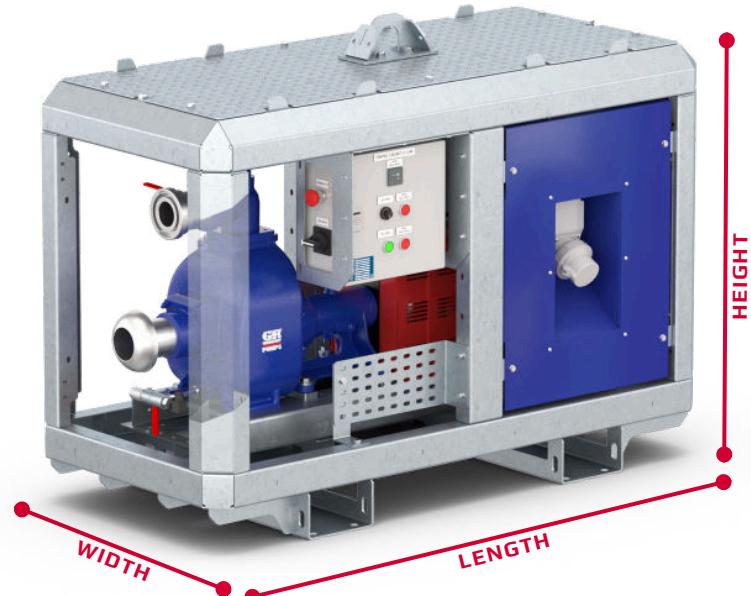
# **GORMAN-RUPP**

## **E-LINE**

### **GENERAL DESCRIPTION**



**The Gorman-Rupp E-Line 83-15-2 is an electric driven wet self-priming pump set for pumping clean and dirty water and for light or non-frequent use of abrasive fluids.**

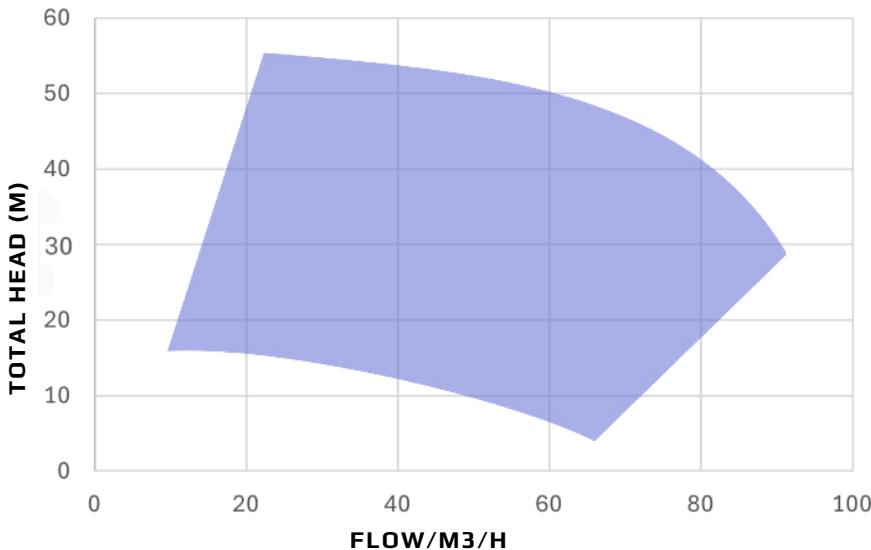


**WEIGHT**  
Approx. 470 kg

**OPERATION**  
Control panel with main switch, emergency switch, pump on/off and speed control.

**COUPLING AND GUARD**  
Rubber tyre coupling, steel guard RAL 3002 (red)

**CHASSIS**  
Heavy gauge steel chassis, fully galvanized. Steel protective panels, galvanized and powder coated RAL 5003



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

-  **Gorman-Rupp 83B52 self-priming centrifugal pump**
-  **ELECTRIC MOTOR**  
15 kW IE3 premium efficiency electric motor with integrated variable frequency drive (VFD)
-  **IMPELLER**  
6,88 " Impeller made of cast iron
-  **PERFORMANCE**  
Max. 90 m³/h flow or 54 mWc discharge head
-  **DIMENSIONS**  
3" Perrot Male connection suction side, 20,6 mm solid handling capacity  
3" Storz, camdistance 81 mm connection discharge side  
L: 1.48m W: 0,68m H: 1,09m
-  **SOUND**  
max. 75 dB, measured at 1 meter distance and 1 meter height
-  **WARRANTY**  
1-year Gorman-Rupp warranty on the pump,  
1-year on the motor and other components

**E line**  
Electric Powered Pumps

*The Pump People®*

**WHERE BLUE MEETS GREEN**



**PUMP**

	<b>E-LINE 83-15-2</b>
Solids handling	13/16" (20,6mm)
Max. working pressure	807 kPa
Impeller	6,88" Impeller made of cast iron
Pump shaft bearings	Open single row ball bearings
Bearing lubrication	SAE30
Shaft sealing	Mechanical seal
Fasteners	Steel, nickel-plated
Oil sight glasses	Available
Pump casing	Gray Iron 30
Impeller	Gray Iron 30
Pump shaft	Carbon Steel 1045/1046
Shaft sleeve	Alloy Steel 4130
Wear plate	Carbon Steel 1026
Check valve	Buna-N with Nylon reinforcement, Gray Iron 30 and steel parts
Seal plate	Gray Iron 30
Gaskets	Cork and natural fibers
O-Rings	Buna N



Electric Powered Pumps

**CHASSIS DESIGN**

Chassis	Heavy gauge steel
Corrosion protection	Hot-dip galvanized
Protective panels	Steel protective panels, galvanized and powder coated RAL 5003

**ELECTRIC MOTOR**

Brand	HOYER
Maximum Power	15 kW
Efficiency Class	IE3 Premium Efficiency
Variable Frequency Drive (VFD)	Yes, integrated

**OPTIONS**

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

**CONTROL PANEL**

Functionalities	Main switch, emergency switch, pump on/off and speed control
IP Rating of the Cabinet	IP44

