

# E-Line

## U6-30-4

# GORMAN-RUPP

## E-LINE

### GENERAL DESCRIPTION



The Gorman-Rupp E-Line U6-30-4 is an electric driven self-priming centrifugal pump set for pumping clean and mildly contaminated water.



#### WEIGHT

Approx. 1760 kg

#### OPERATION

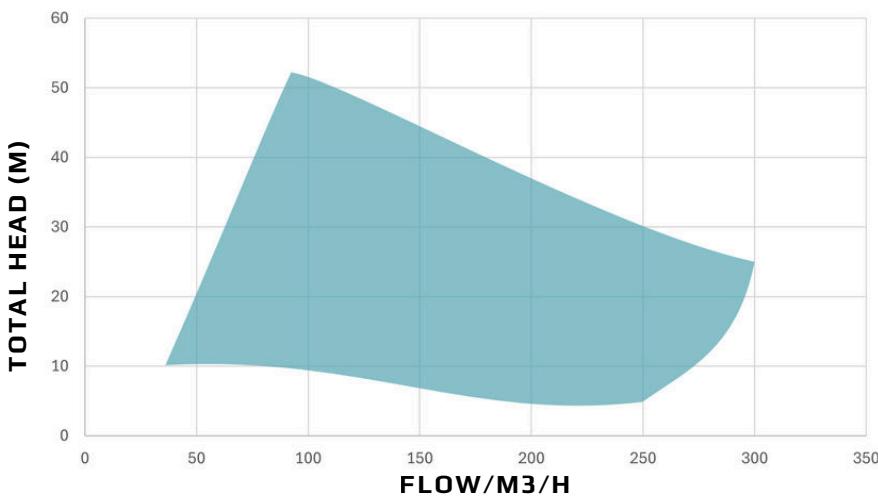
Control panel with main switch, emergency switch, pump on/off, hour counter and speed control. See rear side for more options.

#### 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



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

WHERE BLUE MEETS GREEN

**E line**  
Electric Powered Pumps

*The Pump People®*



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### TECHNICAL SPECIFICATIONS



#### PUMP

**U6B60S-B** (Standard version, see curves and table below for optional hydraulics.  
Check E-Line brochure page 42 for material codes)

Solids handling	31,8 mm
Max. working pressure	123 psi (848 kPa)
Impeller	12,50" Semi-Open, Two Vane Ductile Iron 65-45-12
Bearing and seal cavity lubrication	SAE 30 Non-Detergent Oil
Shaft sealing	Mechanical cartridge type seal with Silicon Carbide / Silicon Carbide faces and Fluorocarbon FKM, (Viton® or Equivalent)
Fasteners	Elastomers
Oil sight glasses	Standard Plated Steel
Pump casing	Bearing and Seal Cavity Oil Level Sight Gauges
Material Impeller	Gray Iron 30
Impeller Shaft	Ductile Iron 65-45-12
Shaft sleeve	Alloy Steel 4150
Seal plate	Alloy Steel 4130
Bearing housing	Gray Iron 30
Gaskets	Gray Iron 30
O-Rings	Buna-N, with Compressed Synthetic Fiber, Vegetable Fiber, PTFE, Cork and Rubber
	Buna N



#### AVAILABLE MODELS

Model	Max. flow	Max. discharge head	Impeller Type	Solid handling	Construction Materials
U6B-30-4	300 m3/h	52,5 mWc	Semi-open, five vane	31,8 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

#### ELECTRIC MOTOR

Brand	WEG
Model	W22
Maximum Power	30,0 kW
Efficiency Class	IE4 Super Premium Efficiency
Variable Frequency Drive (VFD)	Euradrive, integrated in the pump set

#### OPTIONS

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, hour counter and speed control
IP Rating of the Cabinet	IP44
Earthing System	5 wire Terra-Neutral Separated (TN-S) connection
CEE Plug	63A 5P 400V

