

E-Line

U6-55-4

GORMAN-RUPP

E-LINE

GENERAL DESCRIPTION



The Gorman-Rupp E-Line U6-55-4 is an electric driven self-priming centrifugal pump set for pumping clean and mildly contaminated water.



WEIGHT

Approx. 2235 kg

OPERATION

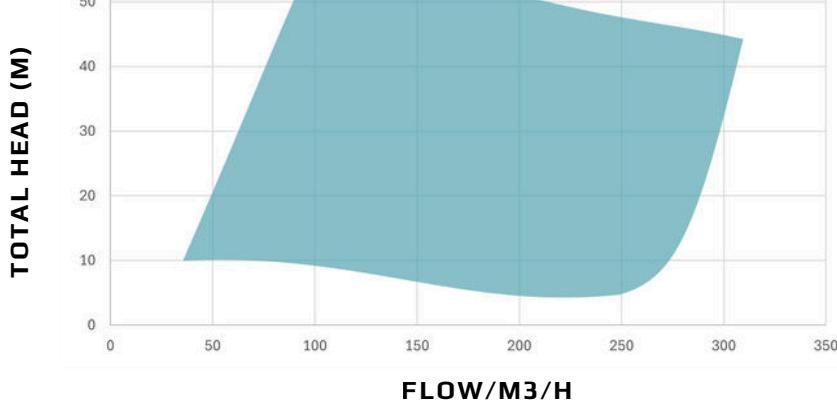
Control panel with main switch, emergency switch, pump on/off, hour counter and speed control. See rear side for more options.

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



U6B

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



PUMP

Gorman-Rupp U6B605-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

12,50" Impeller made of Ductile Iron 65-45-12
31,8 mm solid handling capacity



PERFORMANCE

Max. 310 m³/h flow or 54 mWc discharge head



DIMENSIONS

6" x 6" BSP-T connection size
L: 2,59 m W: 1,25 m H: 2,02 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



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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	Materials
U6B-55-4	310 m3/h	54 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	55,0 kW
Efficiency Class	IE4 Super Premium Efficiency
Variable Frequency Drive (VFD)	Euradrive, integrated in the pump set

OPTIONS

Air Release Valve	Functionalities
High Temperature Shutdown Kit	
Remote Control	
Float Switch	IP Rating of the Cabinet
Level Sensor	Earthing System
Custom Colors	

CONTROL PANEL

CEE Plug	Main switch, emergency switch, pump on/off, hour counter and speed control
	IP44
	5 wire Terra-Neutral Separated (TN-S) connection
	125A 5P 400V

