

E-Line U4-15-4

GORMAN-RUPP E-LINE GENERAL DESCRIPTION



The Gorman-Rupp E-Line U4-15-4 is an electric driven self-priming centrifugal pump set for pumping clean and mildly contaminated water.



WEIGHT

Approx. 1220 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 and powder coated RAL 5003



PUMP

Gorman-Rupp U4B60-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. 142 m³/h flow or 54 mWc discharge head



DIMENSIONS

4" x 4" BSP-T connection size
L: 2,09 m W: 1,1 m H: 1,66 m



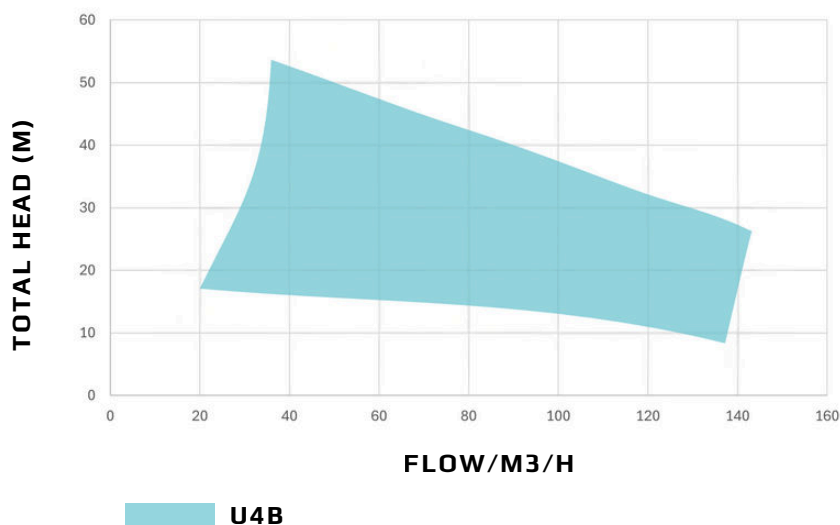
SOUND

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



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



The Pump People®

WHERE BLUE MEETS GREEN



E-Line U4-15-4

GORMAN-RUPP E-LINE TECHNICAL SPECIFICATIONS



PUMP

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

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

O-Rings

U4B60-B

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

20,6 mm
128 psi (883 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
U4B-15-4

Max. flow
142 m3/

Max.discharge head
54 mWc

Max.RPM
2050

Min.RPM
1150

CHASSIS DESIGN

Chassis Heavy gauge steel chassis, fully galvanized
Corrosion protection Hot-dip galvanized
Protective panels Steel protective panels, galvanized 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 Drive (VFD) Euradrive, 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

