

E-Line

V6-45-4

GORMAN-RUPP

E-LINE

GENERAL DESCRIPTION



The Gorman-Rupp E-Line V6-45-4 is an electric driven self-priming centrifugal pump set for pumping clean, dirty and sewage water.



WEIGHT

Approx. 2300 kg

OPERATION

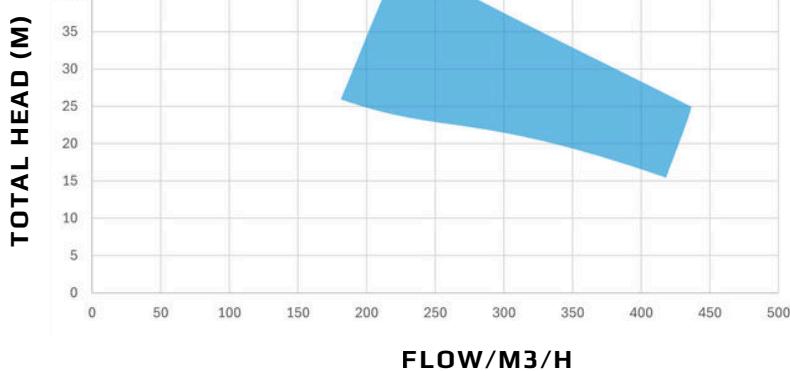
Control panel with main switch, emergency switch, pump on/off, hour counter and speed control. See rear side for more options.

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



V6A/C

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

WHERE BLUE MEETS GREEN

The Pump People®



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TECHNICAL SPECIFICATIONS



PUMP

Solids handling	76,2 mm
Max. working pressure	129 psi (889 kPa)
Impeller	12,38" 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

V6A60-B (Standard version, see curves and table below for optional hydraulics. Check E-Line brochure for material codes)



AVAILABLE MODELS

Model	Max. flow	Max. discharge head	Impeller Type	Solid handling	Materials
V6A-45-4	435 m3/h	44,8 mWc	Semi-open, two vane	76,2 mm	Cast Iron
V6C-45-4	435 m3/h	44,8 mWc	Semi-open, two vane	76,2 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	45,0 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

