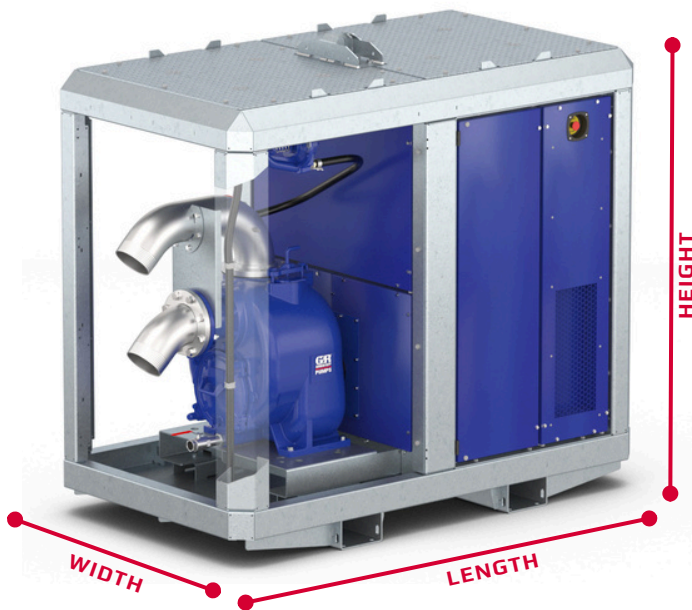


E-Line T6-15-6

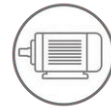
GORMAN-RUPP E-LINE GENERAL DESCRIPTION



The Gorman-Rupp E-Line T6-15-6 is an electric driven self-priming centrifugal pump set for pumping clean, dirty and sewage water.



PUMP
Gorman-Rupp T6A605-B self-priming centrifugal pump



ELECTRIC MOTOR
15 kW IE4 Super premium efficiency electric motor with variable frequency drive (VFD) integrated in the pump set



IMPELLER
12,38" Impeller made of Ductile Iron 65-45-12
76,2 mm solid handling capacity



PERFORMANCE
Max. 300m³/h flow or 29 mWc discharge head



DIMENSIONS
6" x 6" BSP-T connection size
L: 2,26 m W: 1,25 m H: 2,02 m



SOUND
max. 75 dB, measured at 1 meter distance and 1 meter height



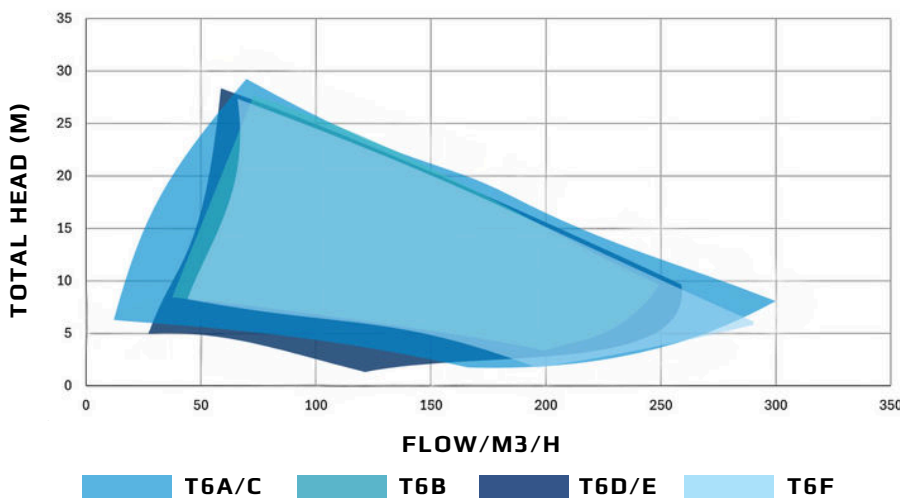
WARRANTY
5-year Gorman-Rupp warranty on the pump,
1-year on the motor and other components

WEIGHT
Approx. 1650 kg

COUPLING AND GUARD
Rubber tyre coupling, integrated protective guard

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

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



E line
Electric Powered Pumps

The Pump People®

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

WHERE BLUE MEETS GREEN



E-Line T6-15-6

GORMAN-RUPP E-LINE TECHNICAL SPECIFICATIONS



PUMP

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

T6A60S-B (Standard version, see curves and table below for optional hydraulics.
Check E-Line brochure page 42 for material codes)

76,2 mm
79 psi (545 kPa)
12,38" Semi-Open, Two Vane Ductile Iron 65-45-12
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 65-45-12
Alloy Steel 4150
Alloy Steel 4130
Gray Iron 30
Gray Iron 30
Buna-N, with Compressed Synthetic Fiber,
Vegetable Fiber, PTFE, Cork and Rubber
Buna N

Fasteners
Oil sight glasses
Pump casing
Material Impeller
Impeller Shaft
Shaft sleeve
Seal plate
Bearing housing
Gaskets
O-Rings



AVAILABLE MODELS

| <u>Model</u> | <u>Max. flow</u> | <u>Max. head</u> | <u>Impeller Type</u> | <u>Solid handling</u> | <u>Design Feature</u> | <u>Construction Materials</u> |
|--------------|-----------------------|------------------|----------------------------|-----------------------|-----------------------|----------------------------------|
| T6A-15-6 | 300 m ³ /h | 29 mWc | Semi-open, two vane | 76,2 mm | Solids-handling (SH) | Cast Iron, CD4MCu, G-R Hard Iron |
| T6B-15-6 | 250 m ³ /h | 27,5 mWc | Semi-open, six vane | 32 mm | High efficiency (HE) | Cast Iron |
| T6C-15-6 | 165 m ³ /h | 29 mWc | Semi-open, two vane | 76,2 mm | SH + Eradicator® | Cast Iron, CD4MCu, G-R Hard Iron |
| T6D-15-6 | 260 m ³ /h | 28 mWc | Semi-open, two vane | 38 mm | High efficiency (HE) | Cast Iron |
| T6E-15-6 | 270 m ³ /h | 28 mWc | Semi-open, two vane | 38 mm | HE + Eradicator® | Cast Iron |
| T6F-15-6 | 300 m ³ /h | 27,5 mWc | Semi-open, continuous vane | 57 mm | Eradicator® Plus | 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 15,0 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 32A 5P 400V

