

# E-Line

## T6-30-4

# GORMAN-RUPP

## E-LINE

### GENERAL DESCRIPTION



The Gorman-Rupp E-Line T6-30-4 is an electric driven self-priming centrifugal pump set for pumping clean, dirty and sewage water.



#### WEIGHT

Approx. 1745 kg

#### OPERATION

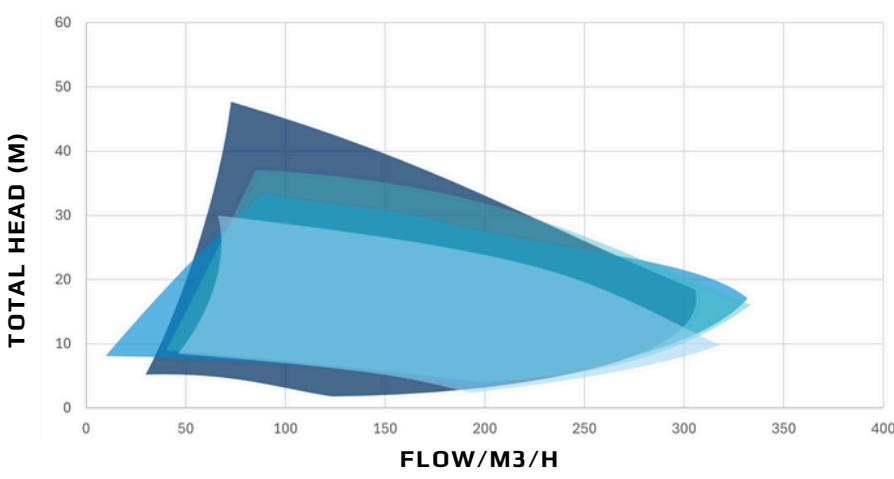
Control panel with main switch, emergency switch, pump on/off, hour counter and speed control. See rear side for more options.

#### 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.



*The Pump People*®

WHERE BLUE MEETS GREEN



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### TECHNICAL SPECIFICATIONS



#### PUMP

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

Solids handling	76,2 mm
Max. working pressure	79 psi (545 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) Elastomers.
Fasteners	Standard Plated Steel
Oil sight glasses	Bearing and Seal Cavity Oil Level Sight Gauges
Pump casing	Gray Iron 30
Material Impeller	Ductile Iron 65-45-12
Impeller Shaft	Alloy Steel 4150
Shaft sleeve	Alloy Steel 4130
Seal plate	Gray Iron 30
Bearing housing	Gray Iron 30
Gaskets	Buna-N, with Compressed Synthetic Fiber, Vegetable Fiber, PTFE, Cork and Rubber
O-Rings	Buna N



#### AVAILABLE MODELS

Model	Max. flow	Max. head	Impeller Type	Solid handling	Design Feature	Construction Materials
T6A-30-4	335 m3/h	33 mWc	Semi-open, two vane	76,2 mm	Solids-handling (SH)	Cast Iron, CD4MCu, G-R Hard Iron
T6B-30-4	335 m3/h	37 mWc	Semi-open, six vane	32 mm	High efficiency (HE)	Cast Iron
T6C-30-4	335 m3/h	34 mWc	Semi-open, two vane	76,2 mm	SH + Eradicator®	Cast Iron, CD4MCu, G-R Hard Iron
T6D-30-4	280 m3/h	47 mWc	Semi-open, two vane	38 mm	High efficiency (HE)	Cast Iron
T6E-30-4	310 m3/h	48 mWc	Semi-open, two vane	38 mm	HE + Eradicator®	Cast Iron
T6F-30-4	320 m3/h	30 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	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

