

Booster sets



50Hz

✓ Booster sets

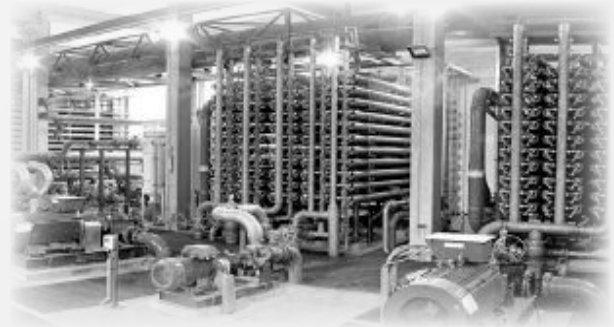
STUR PUMPS is a highly specialised brand in pumping systems, agitators and aeration systems.

Applications

Civil and industrial applications

This equipment is ideal to increase pressure in water distribution installations.

- Boiler feeds.
- Recirculation of hot and cold water for heating, cooling and air conditioning.
- Pumping clean water in civil, industrial and agricultural applications.
- Irrigation of parks and gardens.
- Water distribution and booster sets.
- Washing and cleaning systems.
- Car wash tunnels.
- Clean and waste water treatment plants.
- Reverse osmosis systems.



Premium Efficiency IE3

All three-phase pump motors are rated as IE3 energy efficient and have been configured to operate at variable speed via an inverter. This allows for improved performance management while minimising operating costs.

Power savings and reduced emissions can only be achieved by operating the pumps at maximum efficiency for as long as possible, and always meeting the point of service requirements.

Efficiency	IEC Standard	NEMA Standard
 High Low	IE3 Premium Efficiency	NEMA Premium EISA (IE3)
	IE2 High Efficiency	EP Act (IE2)
	IE1 Standard Efficiency	\

Main Components

a. Pumps

- **EH.** Multiphase horizontal electric pumps
- **EM.** Multiphase vertical electric pumps
- **EV.** Multiphase vertical electric pumps

b. Base plate

- ≤ 200kg. Omega type in 3mm zinc-plated steel
- > 200kg. Reinforced with HEB metal profiles

The base plate is not included in GLM01-EH, GLM01-EM and GLT01-EV booster sets

c. Suction and discharge manifolds

- < 3". AISI 304 threaded (optional in AISI 316)
- ≥ 3". AISI 304 with flanges (optional in AISI 316)

Manifolds are not included in GLM01-EH, GLM01-EM and GLT01-EV booster sets

d. Valves

Suction:

- < 3". Brass ball shut-off valve PN-25 (optional in AISI 304)
- ≥ 3". Cast iron butterfly shut-off valve with metal seat and EPDM gasket

Discharge:

- < 3". Brass ball shut-off valve PN-25 (optional in AISI 304)
Brass check valve with NBR gasket and AISI 304 spring (optional in AISI 304)
- ≥ 3". Cast iron butterfly shut-off valve with metal seat and EPDM gasket
Brass check valve with NBR gasket and AISI 304 spring (optional in AISI 304)

Valves are not included in GLM01-EH, GLM01-EM and GLT01-EV booster sets

e. Frequency inverters

- Installed on the panel: VACON® 100 FLOW
- Built into the motor:
 - LKD4500L in GLM booster sets (one per pump)
 - LKD4000L in GLT booster sets (one per pump)

f. Accessories

- Glycerine pressure gauge

The pressure gauge is not included in GLM01-EH, GLM01-EM and GLT01-EV booster sets

- Adjustable differential pressure switches

Differential pressure switches are not included in GLM and GLT booster sets

- Pressure transmitter 0-10 bar

Differential pressure switches are only included in GLM and GLT booster sets

g. Hydropneumatic tank

- Not included

Only included in GLM01-EH-VD booster sets. Version with a 5-way non-return valve with built-in transmitter, PWB tank and pressure gauge



❶ GPM02-EH



❸ GPT02-EH



❹ GLM01-EH-VD



❺ GLM02-EH



❻ GPM02-EM



❼ GPT02-EM



❽ GLM01-EM



❾ GLM02-EM



Description

Model	Type of electric pumps				Power supply voltage	Speed			
	EH	EM	EV	Uts.		A	B	C	D
1 GPM02-EH	✓			2	single-phase	✓			
2 GPT02-EH	✓			2	three-phase	✓			
3 GLM01-EH	✓			1	single-phase				✓
4 GLM02-EH	✓			2	single-phase				✓
5 GPM02-EM		✓		2	single-phase	✓			
6 GPT02-EM		✓		2	three-phase	✓			
7 GLM01-EM		✓		1	single-phase				✓
8 GLM02-EM		✓		2	single-phase				✓
9 GPT02-EV			✓	2	three-phase	✓			
10 GPT03-EV			✓	3	three-phase	✓			
11 GVT02-EV			✓	2	three-phase		✓		
12 GVT03-EV			✓	3	three-phase		✓		
13 GLT01-EV			✓	2	three-phase				✓
14 GLT02-EV			✓	2	three-phase				✓
15 GLT03-EV			✓	3	three-phase				✓
16 GMT02-EV			✓	2	three-phase			✓	
17 GMT03-EV			✓	3	three-phase			✓	



9 GPT02-EV

10 GPT03-EV



11 GVT02-EV

12 GVT03-EV



13 GLT01-EV



14 GLT02-EV

15 GLT03-EV

* Speed

- Fixed** on all pumps comprising the booster set
- Variable** by means of an inverter for only one of the pumps within the booster set
- Variable** by means of an inverter for each one of the pumps within the booster set
- Variable** by means of a LKD4500L or LKD4000L inverter built into each of the pumps within the booster set



16 GMT02-EV

17 GMT02-EV

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**The technical information in the catalogue is for reference only.
Stur reserves the right to update and improve it without prior notice.**

12.2020 / Revision 1

✓ Frequency inverters for constant pressure regulation

They are installed on the motor terminal boxes of the pumps within the booster set.
The control of electric surface pumps by the inverter guarantees:

- Constant pressure regulation
- Energy savings
- Silent system
- Electric pump and system protection
- Easy installation, configuration and start-up
- Full integration with the electric pump

LKD4500L

Single-phase power supply 230V 50Hz. Application only in EH and EM pumps.

They are installed on the motor terminal boxes of the pumps within the booster set.

Multimaster capacity up to 3 pumps (>1.1kW).

During operation, the values of working pressure (bar), frequency (Hz) and current (A) can be displayed.

Easy set point pressure adjustment from the main display.

Parameters	LKD4500L011	LKD4500L015	LKD4500L022
Max. motor power	1.1kW	1.5kW	2.2kW
Max. current	6A	8A	12A
Power supply voltage	Single-phase 230V (±15%) 50Hz		
IP55		Degree of protection	
Multimaster	No	Yes	Yes
Control		PWM	
Output frequency		0~120Hz	
Par control		S/F control	
Res. overcurrent	150% of rated current for 1 minute		
Acceleration/ deceleration time	0.1~60 seconds, independent values for acceleration and deceleration ramps		
Analogue input	Pressure transmitter 4~20mA		
Protections	Overcurrent, overvoltage, undervoltage, overheating, underpressure, overpressure, dry run		
Other functions	PID control, auto reset, alarms		
Cooling	Heat sink		
Working temp.	-10°C to 40°C		

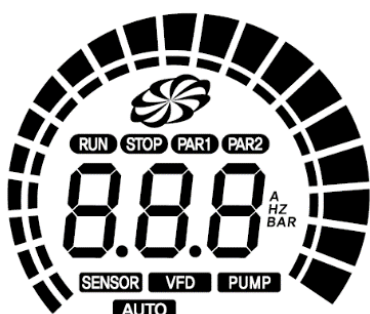


LKD4500L inverter



EH pump with LKD4500L inverter

EM pump with LKD4500L inverter



LKD4500L display information

RUN: In operation
STOP: At standstill
PAR1: Inverter parameters
PAR2: System parameters
SENSOR: Sensor alarm
VDF: Inverter alarm
PUMP: Electric pump alarm



LKD4000L

Three-phase power supply 400V 50Hz.

Applicable on EV pumps only.

They are installed on the motor terminal boxes of the pumps within the booster set. It allows constant pressure regulation, energy savings and protection of the electric pump and the system.

Multimaster capacity up to 4 pumps.

During operation, the values of working and set pressure (bar), frequency (Hz), current (A), master pump identification and the number of secondary pumps can be displayed. Easy set point pressure adjustment from the main display.

Voltage. Three-phase 400V ($\pm 15\%$) 50Hz.

Degree of protection. IP55

Control. PWM

Output frequency. 0~120Hz.

Par control. S/F control

Res. overcurrent. 150% of rated current for 1 minute.

Acceleration and deceleration times. 0.1~60 seconds, independent values for acceleration and deceleration ramps.

Analogue input. Pressure transmitter 4~20mA.

Protections. Overcurrent, overvoltage, undervoltage, overload, overheating, underpressure, overpressure, dry or low-level run.

Other functions. PID control, auto reset, alarms, RS-485 communication.

Parameters	LKD4500L022	LKD4500L037	LKD4500L055
Max. motor power	2.2kW	3.7kW	5.5kW
Max. current	5A	8.2A	13A
Parameters	LKD4500L075	LKD4500L110	LKD4500L150
Max. motor power	7.5kW	11kW	15kW
Max. current	18A	24A	32A
Parameters	LKD4500L185		
Max. motor power	18.5kW		
Max. current	38A		



LKD4000L display information

Installation recommended with built-in motor inverters

To install a booster set correctly, the corresponding state legislation and European directives related to pressure, electrical and safety equipment must be strictly complied with.

We recommend that the installation include the elements listed below:

1. Frequency inverter for constant pressure regulation (LKD4500L or LKD4000L)
2. Electric pump
3. Check valve in the pump discharge
4. Danfoss MBS1900 pressure transmitter 0-10 bar 4-20 mA with connector.

We recommend that the pressure transmitter be connected to the discharge manifold via a 5-way 1" stainless steel non-return valve (LKDVAL1)

5. Hydropneumatic tank.
Recommended installation volume:

Hydropneumatic tank model	Volume (litres)	Electric pump model		
		EH	EM	EV
PWB 4LX	4	EH 3	EM 3	EV3
PWB 8LX	8	EH 5	EM 5	EV 6
PWB 12LX	12	EH 9	EM 9	EV 10

For all other booster set models, please contact our technical department.

Recommended precharge: 65% of set point pressure

6. Shut-off valve to connect the hydropneumatic tank to the discharge manifold
7. Shut-off valve on the pump discharge
8. Shut-off valve on the pump suction

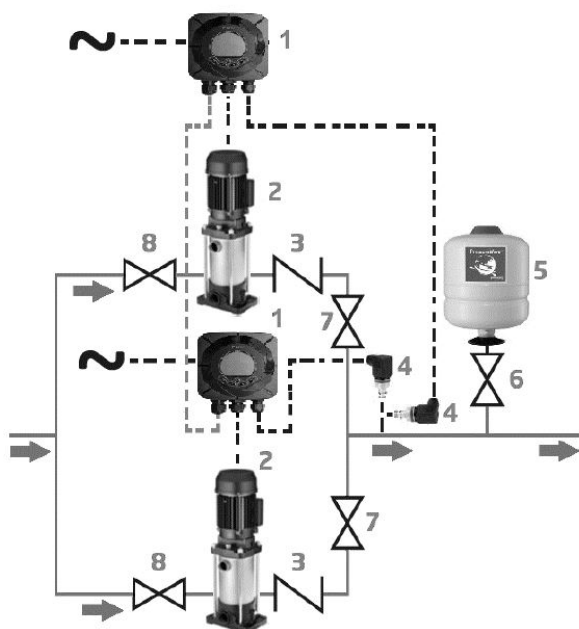


Diagram of a recommended installation for a booster set with two pumps with a built-in motor inverter.

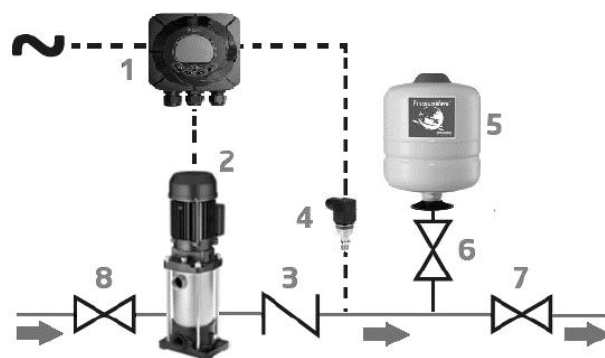


Diagram of a recommended installation for a booster set with a pump with a built-in motor inverter.



✓ GPM02-EH and GPT02-EH

Fixed speed single-phase and three-phase booster sets equipped with EH electric pumps, controlled by pressure switches and with pump alternation.

EH electric pumps

- AISI 304 casing, boosters and diffusers
- Maximum flow rate 29 m³/h
- Maximum working pressure 10 bar
- Liquid temperature between -15°C and +110°C
- Maximum ambient temperature 40°C
- Mechanical seal in ceramic/graphite/EPDM
- Motor
 - Single-phase 230V or three-phase with IE3 efficiency 230/400V
 - TEFC, 2-pole 50Hz, IP55 and class F insulation

Materials

Base plate. Omega type in 3mm zinc-plated steel

Manifolds. AISI 304 threaded (optional in AISI 316)

Valves

Suction

- Brass ball valve PN-25

Discharge

- Brass ball valve PN-25
- Brass check valve with NBR gasket and AISI 304 spring

Electrical panel

Protection. Thermal circuit breakers

Box. IP55 plastic material

Switchgear. Siemens

Selectors. MAN-0-AUT

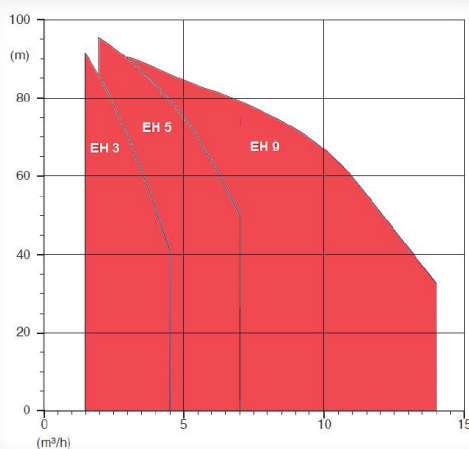
Pilot lights

- Start-up
- Thermal triggering

Start. Direct start

Accessories

- Adjustable differential pressure switches
- Glycerine pressure gauge



Data table

GPM02-EH BOOSTER SET with 2 single-phase 230V electric pumps						
Model	Electric pump	Power (kW)	Suction manifold ND	Discharge manifold ND	For 1 electric pump	
					Q (m³/h)	H (m)
GPM02-EH3/3-04	EH 3/3 I	2 x 0.45	50 (2")	40 (1½")	1.5 - 4.5	30.5 - 14
GPM02-EH3/4-05	EH 3/4 I	2 x 0.55				40 - 18
GPM02-EH3/5-07	EH 3/5 I	2 x 0.75				49 - 21
GPM02-EH3/6-09	EH 3/6 I	2 x 0.9				61 - 28
GPM02-EH3/7-11	EH 3/7 I	2 x 1.1				70.5 - 32
GPM02-EH3/8-13	EH 3/8 I	2 x 1.3				82 - 38
GPM02-EH3/9-15	EH 3/9 I	2 x 1.5				91.5 - 41
GPM02-EH5/3-05	IEH 5/3 I	2 x 0.55			2 - 7	31.5 - 16
GPM02-EH5/4-09	EH 5/4 I	2 x 0.9				43 - 23
GPM02-EH5/5-11	EH 5/5 I	2 x 1.1				53 - 27.5
GPM02-EH5/6-13	EH 5/6 I	2 x 1.3				64.5 - 34
GPM02-EH5/7-15	EH 5/7 I	2 x 1.5				74.5 - 38.5
GPM02-EH9/3-11	EH 9/3 I	2 x 1.1	65 (2½")	50 (2")	3 - 14	33 - 11
GPM02-EH9/4-15	EH9/4 I	2 x 1.5				45 - 16

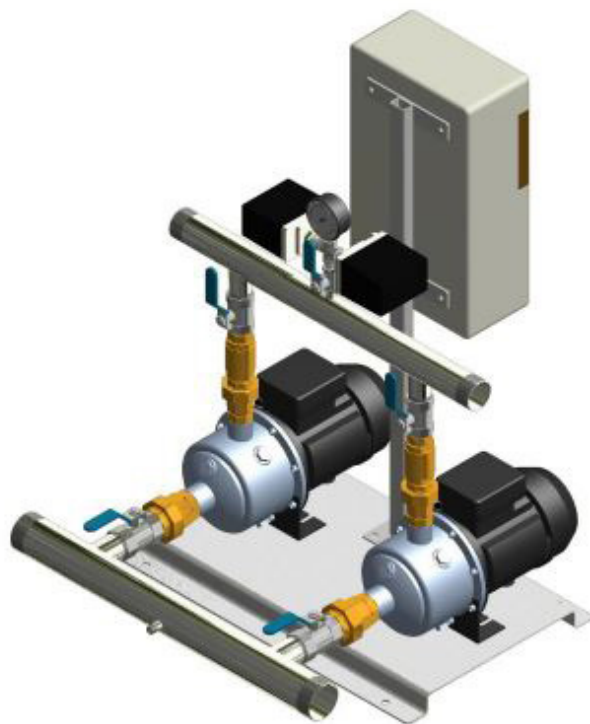
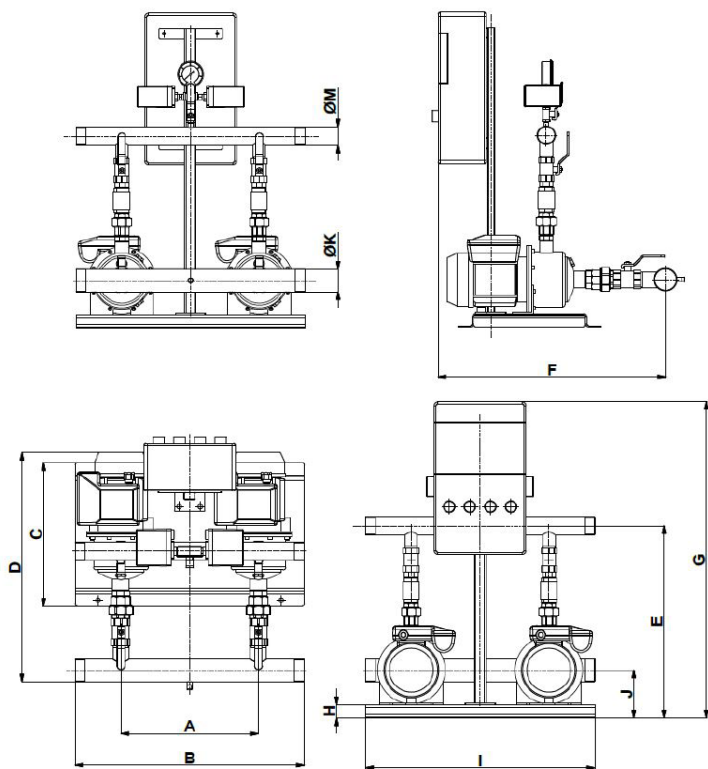
GPT02-EH BOOSTER SET with 2 three-phase 400V electric pumps						
Model	Electric pump	Power (kW)	Suction manifold ND	Discharge manifold ND	For 1 electric pump	
					Q (m³/h)	H (m)
GPT02-EH3/3-07	EH3/3 IT	2 x 0.75	50 (2")	40 (1½")	1.5 - 4.5	30.5 - 14
GPT02-EH3/4-07	EH3/4 IT	2 x 0.75				40 - 18
GPT02-EH3/5-07	EH3/5 IT	2 x 0.75				49 - 21
GPT02-EH3/6-11	EH3/6 IT	2 x 1.1				61 - 28
GPT02-EH3/7-11	EH3/7 IT	2 x 1.1				70.5 - 32
GPT02-EH3/8-15	EH3/8 IT	2 x 1.5				82 - 38
GPT02-EH3/9-15	EH3/9 IT	2 x 1.5				91.5 - 41
GPT02-EH5/3-07	EH5/3 IT	2 x 0.75			2 - 7	31.5 - 16
GPT02-EH5/4-11	EH5/4 IT	2 x 1.1				43 - 23
GPT02-EH5/5-11	EH5/5 IT	2 x 1.1				53 - 27.5
GPT02-EH5/6-15	EH5/6 IT	2 x 1.5				64.5 - 34
GPT02-EH5/7-15	EH5/7 IT	2 x 1.5				74.5 - 38.5
GPT02-EH5/8-22	EH5/8 IT	2 x 2.2				84 - 42
GPT02-EH5/9-22	EH5/9 IT	2 x 2.2				95.5 - 50
GPT02-EH9/3-11	EH9/3 IT	2 x 1.1	65 (2½")	50 (2")	3 - 14	33 - 11
GPT02-EH9/4-15	EH9/4 IT	2 x 1.5				45 - 16
GPT02-EH9/5-22	EH9/5 IT	2 x 2.2				55.5 - 18.5
GPT02-EH9/6-22	EH9/6 IT	2 x 2.2				66 - 21
GPT02-EH9/7-30	EH9/7 IT	2 x 3				79.5 - 29.5
GPT02-EH9/8-30	EH9/8 IT	2 x 3				90.5 - 32.5



Dimensions

GPM02-EH BOOSTER SET with 2 single-phase 230V electric pumps

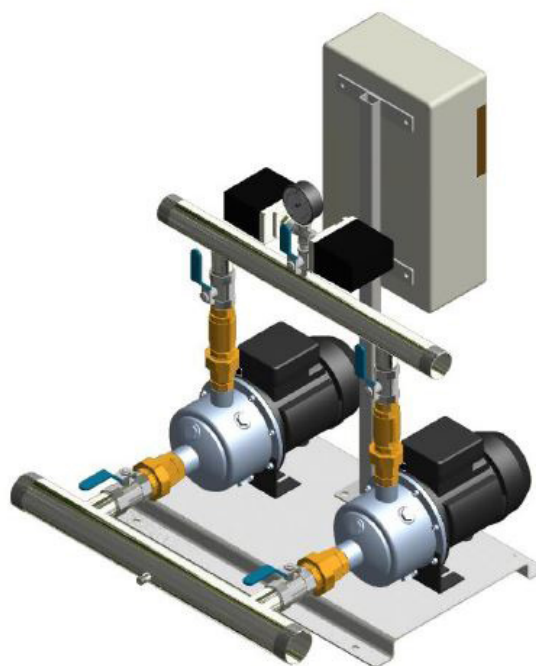
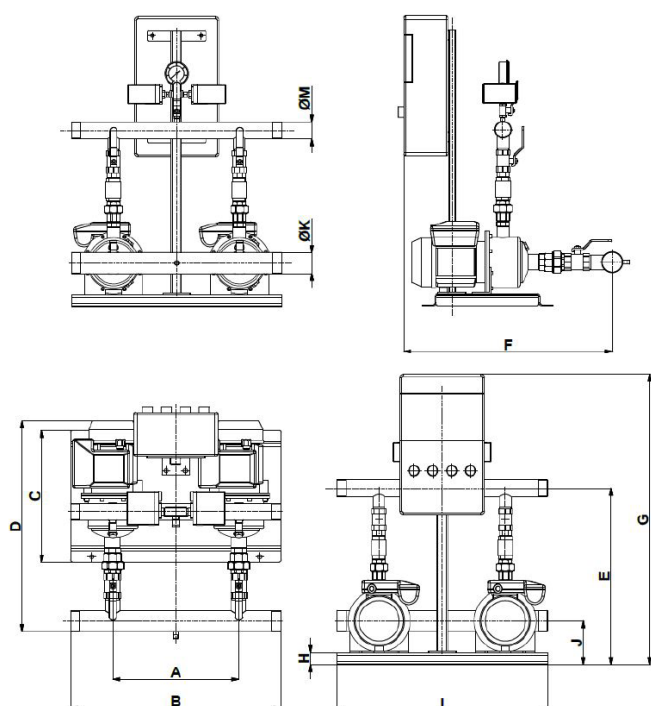
Model	A (cm)	B (cm)	C (cm)	D (cm)	E (cm)	F (cm)	G (cm)	H (cm)	I (cm)	J (cm)	K Ø	M Ø
GPM02-EH3/3-04	36	60	37.5	60	50	59.5	83	3.5	60	12.5	2"	1½"
GPM02-EH3/4-05	36	60	37.5	62.5	50	62	83	3.5	60	12.5	2"	1½"
GPM02-EH3/5-07	36	60	37.5	65	50	64.5	83	3.5	60	12.5	2"	1½"
GPM02-EH3/6-09	36	60	37.5	67	50	66.8	83	3.5	60	12.5	2"	1½"
GPM02-EH3/7-11	36	60	52.5	70	50	69	83	3.5	60	12.5	2"	1½"
GPM02-EH3/8-13	36	60	52.5	76	50	74.3	83	3.5	60	12.5	2"	1½"
GPM02-EH3/9-15	36	60	52.5	79	50	76.7	83	3.5	60	12.5	2"	1½"
GPM02-EH5/3-05	36	60	37.5	60	50	59.5	83	3.5	60	12.5	2"	1½"
GPM02-EH5/4-09	36	60	37.5	62.5	50	62	83	3.5	60	12.5	2"	1½"
GPM02-EH5/5-11	36	60	37.5	65	50	64.5	83	3.5	60	12.5	2"	1½"
GPM02-EH5/6-13	36	60	37.5	71.5	50	69.5	83	3.5	60	12.5	2"	1½"
GPM02-EH5/7-15	36	60	52.5	74	50	72	83	3.5	60	12.5	2"	1½"
GPM02-EH9/3-11	36	60	37.5	65	52.4	63.5	83	3.5	60	12.5	2½"	2"
GPM02-EH9/4-15	36	60	37.5	72	52.4	69	83	3.5	60	12.5	2½"	2"



Dimensions

GPT02-EH BOOSTER SET with 2 three-phase 400V electric pumps

Model	A (cm)	B (cm)	C (cm)	D (cm)	E (cm)	F (cm)	G (cm)	H (cm)	I (cm)	J (cm)	K Ø	M Ø
GPT02-EH3/3-07	36	60	37.5	60	50	59.5	83	3.5	60	12.5	2"	1½"
GPT02-EH3/4-07	36	60	37.5	62.5	50	62	83	3.5	60	12.5	2"	1½"
GPT02-EH3/5-07	36	60	37.5	65	50	64.5	83	3.5	60	12.5	2"	1½"
GPT02-EH3/6-11	36	60	37.5	67.5	50	66.8	83	3.5	60	12.5	2"	1½"
GPT02-EH3/7-11	36	60	52.5	70	50	69	83	3.5	65	12.5	2"	1½"
GPT02-EH3/8-15	36	60	52.5	76	50	74.3	83	3.5	65	12.5	2"	1½"
GPT02-EH3/9-15	36	60	52.5	78.5	50	76.7	83	3.5	65	12.5	2"	1½"
GPT02-EH5/3-07	36	60	37.5	62.5	50	62	83	3.5	60	12.5	2"	1½"
GPT02-EH5/4-11	36	60	37.5	62.5	50	62	83	3.5	60	12.5	2"	1½"
GPT02-EH5/5-11	36	60	37.5	65	50	64.5	83	3.5	60	12.5	2"	1½"
GPT02-EH5/6-15	36	60	37.5	71	50	69.5	83	3.5	60	12.5	2"	1½"
GPT02-EH5/7-15	36	60	52.5	73.5	50	72	83	3.5	65	12.5	2"	1½"
GPT02-EH5/8-22	36	60	52.5	80.5	50	82	83	3.5	65	12.5	2"	1½"
GPT02-EH5/9-22	36	60	52.5	83.5	52.4	81	83	3.5	65	12.5	2"	1½"
GPT02-EH9/3-11	36	60	37.5	64	52.4	63.5	83	3.5	60	12.5	2½"	2"
GPT02-EH9/4-15	36	60	37.5	70.8	52.4	69	83	3.5	60	12.5	2½"	2"
GPT02-EH9/5-22	36	60	37.5	78.4	52.4	76.5	83	3.5	60	12.5	2½"	2"
GPT02-EH9/6-22	36	60	52.5	81.3	52.4	87	83	3.5	65	12.5	2½"	2"
GPT02-EH9/7-30	36	60	52.5	88	52.4	85.8	83	3.5	65	12.5	2½"	2"
GPT02-EH9/8-30	36	60	52.5	91	52.4	89	83	3.5	65	12.5	2½"	2"





GLM01-EH

Compact single-phase booster sets to work at constant pressure by means of variable speed equipped with an EH electric pump, controlled by a LKD4500L built-in inverter. Supplied without suction and discharge manifolds.

EH electric pumps

- Single-piece design
- Pump base in cast iron, all other components in contact with the liquid in AISI 304: version I
- AISI 304 boosters and diffusers
- Maximum flow rate 14 m³/h and maximum height 90.5m
- Maximum working pressure 10 bar
- Working temperature of the liquid between -15°C and +110°C (industrial use)
- Maximum ambient temperature 40°C
- Standard mechanical seal in ceramic/graphite/EPDM

Motor

- Three-phase with IE3 efficiency 230/400V
- TEFC, 2-pole 50Hz, IP55 and class F insulation

Inverter - Model: LKD4500L

- Plug: Schuko
- Connected and configured at the factory
- Easy installation and start-up

Power supply

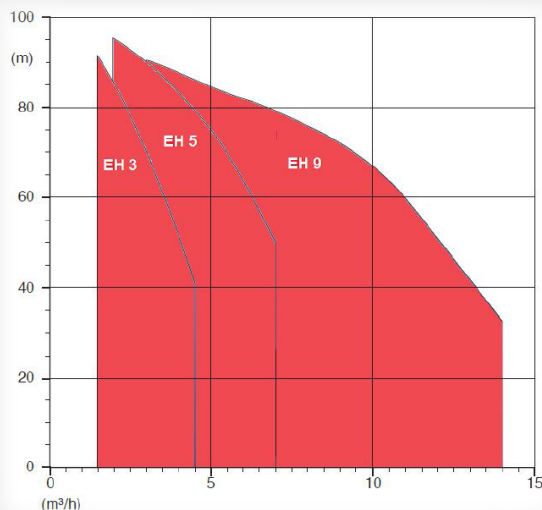
- Electric single-phase 230V 50Hz

Start

- Via ramp

Accessories

- Pressure transmitter 0-10 bar
- Glycerine pressure gauge



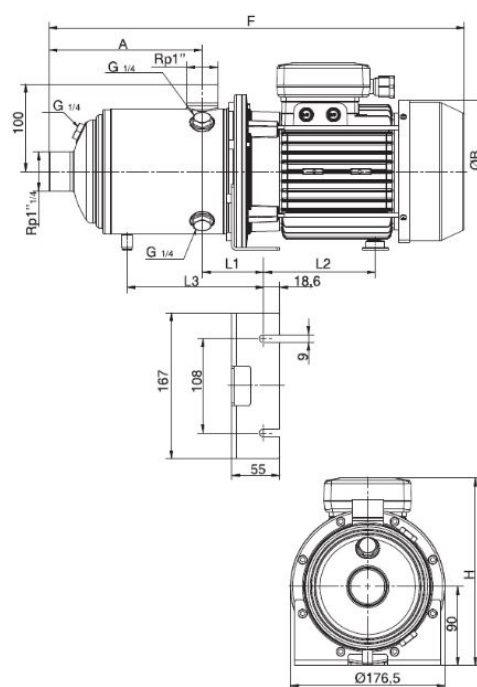
GLM01-EH-VD: version with a 5-way non-return valve with built-in transmitter, PWB tank and pressure gauge.

Data table

GLM01-EH BOOSTER SET with 1 single-phase 230V electric pump								
Model	Electric pump	Power (kW)	Motor size	Inverter reference	Suc. Ø.	Dis. Ø	Q (m³/h)	H (m)
GLM01-EM3/3-07	EM3/3 RGT	0.75	IEC 71	LKD4500L011	1¼"	1¼"	1.5 - 4.5	30.5 - 14
GLM01-EM3/4-07	EM3/4 RGT	0.75	IEC 71	LKD4500L011	1¼"	1¼"		40 - 18
GLM01-EM3/5-07	EM3/5 RGT	0.75	IEC 71	LKD4500L011	1¼"	1¼"		49 - 21
GLM01-EM3/6-11	EM3/6 RGT	1.1	IEC 71	LKD4500L011	1¼"	1¼"		61 - 28
GLM01-EM3/7-11	EM3/7 RGT	1.1	IEC 71	LKD4500L011	1¼"	1¼"		70.5 - 32
GLM01-EM3/8-15	EM3/8 RGT	1.5	IEC 80	LKD4500L015	1¼"	1¼"		82 - 38
GLM01-EM3/9-15	EM3/9 RGT	1.5	IEC 80	LKD4500L015	1¼"	1¼"		91.5 - 41
GLM01-EM5/3-07	EM5/3 RGT	0.75	IEC 71	LKD4500L011	1¼"	1¼"	2 - 7	31.5 - 16
GLM01-EM5/4-11	EM5/4 RGT	1.1	IEC 71	LKD4500L011	1¼"	1¼"		43 - 23
GLM01-EM5/5-11	EM5/5 RGT	1.1	IEC 71	LKD4500L011	1¼"	1¼"		53 - 27.5
GLM01-EM5/6-15	EM5/6 RGT	1.5	IEC 80	LKD4500L015	1¼"	1¼"		64.5 - 34
GLM01-EM5/7-15	EM5/7 RGT	1.5	IEC 80	LKD4500L015	1¼"	1¼"		74.5 - 38.5
GLM01-EM5/8-22	EM5/8 RGT	2.2	IEC 90	LKD4500L022	1¼"	1¼"		84 - 42
GLM01-EM5/9-22	EM5/9 RGT	2.2	IEC 90	LKD4500L022	1¼"	1¼"		95.5 - 50
GLM01-EM9/3-11	EM9/3 RGT	1.1	IEC 71	LKD4500L011	1½"	1½"	3 - 14	33 - 11
GLM01-EM9/4-15	EM9/4 RGT	1.5	IEC 80	LKD4500L015	1½"	1½"		45 - 16
GLM01-EM9/5-22	EM9/5 RGT	2.2	IEC 90	LKD4500L022	1½"	1½"		55.5 - 18.5
GLM01-EM9/6-22	EM9/6 RGT	2.2	IEC 90	LKD4500L022	1½"	1½"		66 - 21

Dimensions

Model	A (mm)	L1 (mm)	L2 (mm)	L3 (mm)	F (mm)	H (mm)	Rp Suc.	Rp Dis.	B Ø (mm)
GLM01-EM3/3-07	103	70	100.6	-	361	207	1¼"	1"	144
GLM01-EM3/4-07	127	70	100.6	-	385	207	1¼"	1"	144
GLM01-EM3/5-07	151	70	100.6	-	409	207	1¼"	1"	144
GLM01-EM3/6-11	175	70	100.6	-	433	207	1¼"	1"	144
GLM01-EM3/7-11	199	70	100.6	180	475	207	1¼"	1"	144
GLM01-EM3/8-15	223	70	128.1	204	523	214	1¼"	1"	162
GLM01-EM3/9-15	247	70	128.1	228	547	214	1¼"	1"	162
GLM01-EM5/3-07	103	70	100.6	-	361	207	1¼"	1"	144
GLM01-EM5/4-11	127	70	100.6	-	385	207	1¼"	1"	144
GLM01-EM5/5-11	151	70	100.6	-	409	207	1¼"	1"	144
GLM01-EM5/6-15	175	70	128.1	-	475	214	1¼"	1"	144
GLM01-EM5/7-15	199	70	128.1	180	499	214	1¼"	1"	162
GLM01-EM5/8-22	223	70	171.6	204	568	221	1¼"	1"	179
GLM01-EM5/9-22	247	70	171.6	228	592	221	1¼"	1"	179
GLM01-EM9/3-11	118	74	100.6	-	380	207	1½"	1¼"	144
GLM01-EM9/4-15	148	74	128.1	-	452	214	1½"	1¼"	162
GLM01-EM9/5-22	178	74	171.6	-	527	221	1½"	1¼"	179
GLM01-EM9/6-22	208	74	171.6	192.1	527	221	1½"	1¼"	179





GLM02-EH

Booster sets with single-phase power supply (three-phase electric pumps) with variable speed equipped with EH electric pumps and a LKD-4500 inverter per pump with rotation of the main pump.

EH electric pumps

- AISI 304 casing, boosters and diffusers
- Maximum flow rate 29 m³/h
- Maximum working pressure 10 bar
- Liquid temperature between -15°C and +110°C
- Maximum ambient temperature 40°C
- Mechanical seal in ceramic/graphite/EPDM
- Motor
 - Three-phase with IE3 efficiency 230/400V
 - TEFC, 2-pole 50Hz, IP55 and class F insulation

Materials

Base plate. Omega type in 3mm zinc-plated steel

Manifolds. AISI 304 threaded (optional in AISI 316)

Valves

Suction

- Brass ball valve PN-25

Discharge

- Brass ball valve PN-25
- Brass check valve with NBR gasket and AISI 304 spring

Electrical panel

Inverters. LKD4500L

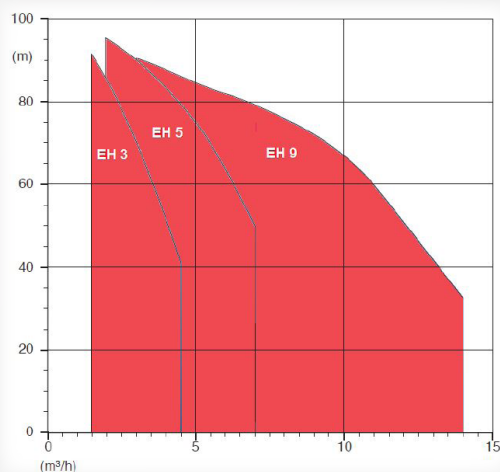
Protection. Thermomagnetic circuit breaker per inverter

Box. IP65 plastic material

Start. Via ramp

Accessories

- Pressure transmitter 0-10 bar
- Glycerine pressure gauge



Data table

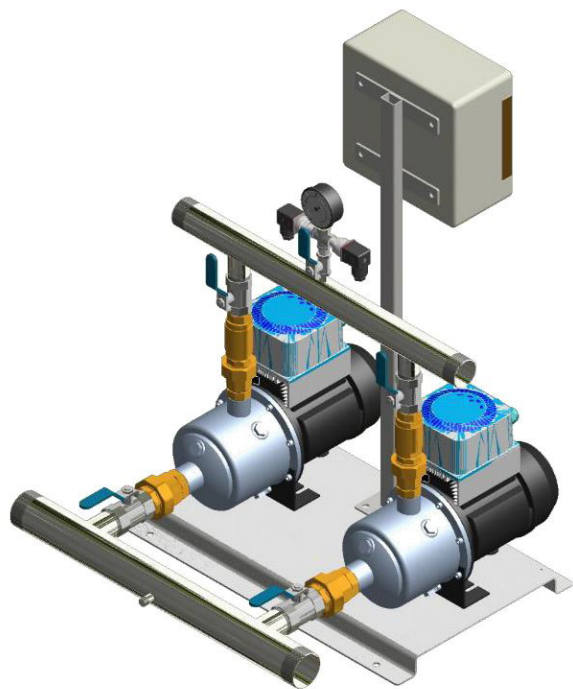
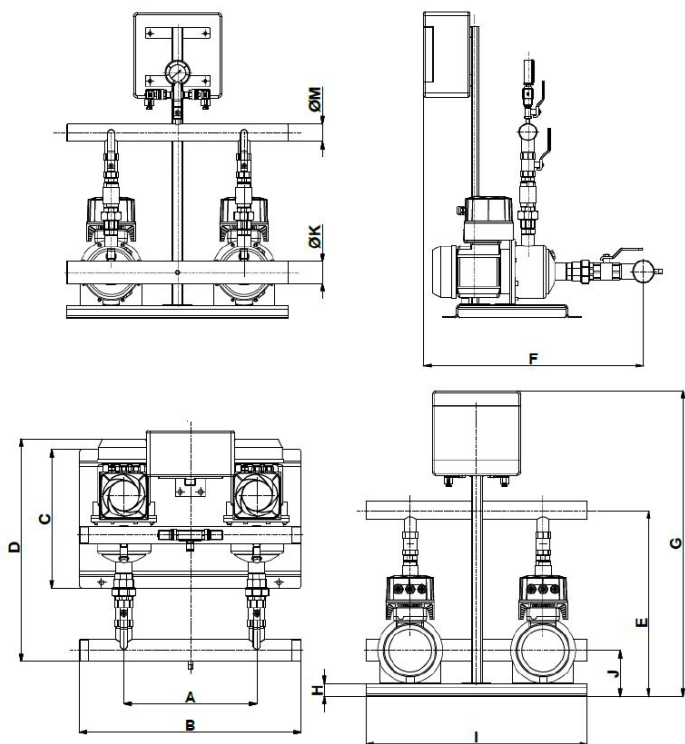
GLM02-EH BOOSTER SET with 2 single-phase 230V electric pumps						
Model	Electric pump	Power (kW)	Suction manifold ND	Discharge manifold ND	For 1 electric pump	
					Q (m³/h)	H (m)
GLM02-EH3/3-07	EH 3/3 IT	2 x 0.75	50 (2")	40 (1½")	1.5 - 4.5	30.5 - 14
GLM02-EH3/4-07	EH 3/4 IT	2 x 0.75				40 - 18
GLM02-EH3/5-07	EH 3/5 IT	2 x 0.75				49 - 21
GLM02-EH3/6-11	EH 3/6 IT	2 x 1.1				61 - 28
GLM02-EH3/7-11	EH 3/7 IT	2 x 1.1				70.5 - 32
GLM02-EH3/8-15	EH 3/8 IT	2 x 1.5				82 - 38
GLM02-EH3/9-15	EH 3/9 IT	2 x 1.5				91.5 - 41
GLM02-EH5/3-07	EH 5/3 IT	2 x 0.75			2 - 7	31.5 - 16
GLM02-EH5/4-11	EH 5/4 IT	2 x 1.1				43 - 23
GLM02-EH5/5-11	EH 5/5 IT	2 x 1.1				53 - 27.5
GLM02-EH5/6-15	EH 5/6 IT	2 x 1.5				64.5 - 34
GLM02-EH5/7-15	EH 5/7 IT	2 x 1.5				74.5 - 38.5
GLM02-EH5/8-22	EH 5/8 IT	2 x 2.2				84 - 42
GLM02-EH5/9-22	EH 5/9 IT	2 x 2.2				95.5 - 50
GLM02-EH9/3-11	EH 9/3 IT	2 x 1.1	65 (2½")	50 (2")	3 - 14	33 - 11
GLM02-EH9/4-15	EH 9/4 IT	2 x 1.5				45 - 16
GLM02-EH9/5-22	EH 9/5 IT	2 x 2.2				55.5 - 18.5
GLM02-EH9/6-22	EH 9/6 IT	2 x 2.2				66 - 21



Dimensions

GLM02-EH BOOSTER SET with 2 single-phase 230V electric pumps

Model	A (cm)	B (cm)	C (cm)	D (cm)	E (cm)	F (cm)	G (cm)	H (cm)	I (cm)	J (cm)	K Ø	Ø M
GLM02-EH3/3-07	36	60	37.5	60	50	59.5	83	3.5	60	12.5	2"	1½"
GLM02-EH3/4-07	36	60	37.5	62.5	50	62	83	3.5	60	12.5	2"	1½"
GLM02-EH3/5-07	36	60	37.5	65	50	64.5	83	3.5	60	12.5	2"	1½"
GLM02-EH3/6-11	36	60	37.5	67	50	66.8	83	3.5	60	12.5	2"	1½"
GLM02-EH3/7-11	36	60	52.5	70	50	69	83	3.5	62.5	12.5	2"	1½"
GLM02-EH3/8-15	36	60	52.5	76	50	74.3	83	3.5	62.5	12.5	2"	1½"
GLM02-EH3/9-15	36	60	52.5	79	50	76.7	83	3.5	62.5	12.5	2"	1½"
GLM02-EH5/3-07	36	60	37.5	60	50	62	83	3.5	60	12.5	2"	1½"
GLM02-EH5/4-11	36	60	37.5	62.5	50	62	83	3.5	60	12.5	2"	1½"
GLM02-EH5/5-11	36	60	37.5	65	50	64.5	83	3.5	60	12.5	2"	1½"
GLM02-EH5/6-15	36	60	37.5	71	50	69.5	83	3.5	60	12.5	2"	1½"
GLM02-EH5/7-15	36	60	52.5	74	50	72	83	3.5	62.5	12.5	2"	1½"
GLM02-EH5/8-22	36	60	37.5	80	50	82	83	3.5	62.5	12.5	2"	1½"
GLM02-EH5/9-22	36	60	37.5	83	50	81	83	3.5	62.5	12.5	2"	1½"
GLM02-EH9/3-11	36	60	37.5	65	52.4	63.5	83	3.5	60	12.5	2½"	2"
GLM02-EH9/4-15	36	60	37.5	71.5	52.4	69	83	3.5	60	12.5	2½"	2"
GLM02-EH9/5-22	36	60	37.5	79	52.4	76.5	83	3.5	60	12.5	2½"	2"
GLM02-EH9/6-22	36	60	52.5	82	52.4	87	83	3.5	62.5	12.5	2½"	2"



✓ GPM02-EM and GPT02-EM

Fixed speed single-phase and three-phase booster sets equipped with EM electric pumps, controlled by pressure switches and with pump alternation. Optional suction and discharge manifold on the same side with an EM electric pump (R version).

EM electric pumps

- Pump base in cast iron, other components in contact with the liquid in AISI 304
- AISI 304 boosters and diffusers
- Maximum flow rate 14 m³/h and maximum height 104m
- Maximum working pressure 12 bar
- Liquid temperature between -15°C and +110°C
- Maximum ambient temperature 40°C
- Mechanical seal in ceramic/graphite/EPDM
- Motor
 - Single phase 230V
 - Three-phase with IE3 efficiency 230/400V
 - TEFC, 2-pole 50Hz, IP55 and class F insulation

Materials

Base plate. Omega type in 3mm zinc-plated steel

Manifolds. AISI 304 threaded (optional in AISI 316)

Valves

Suction

- Brass ball valve PN-25

Discharge

- Brass ball valve PN-25
- Brass check valve with NBR gasket and AISI 304 spring

Electrical panel

Protection. Thermal circuit breakers

Box. IP55 plastic material

Switchgear. Siemens

Selectors. MAN-0-AUT

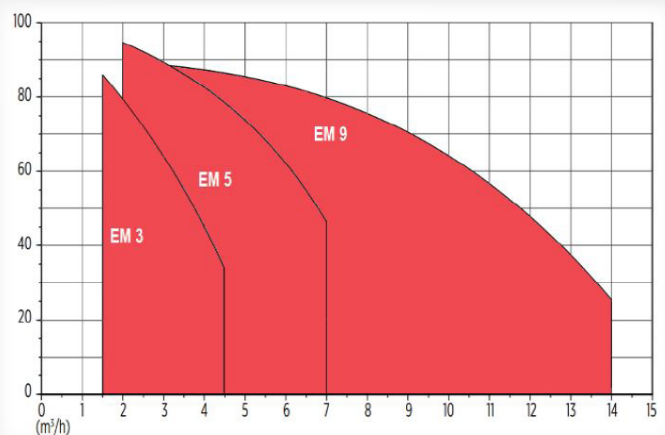
Pilot lights

- Start-up
- Thermal triggering

Start. Direct start

Accessories

- Adjustable differential pressure switches
- Glycerine pressure gauge



R
Threaded flanges with top outlet



Data table

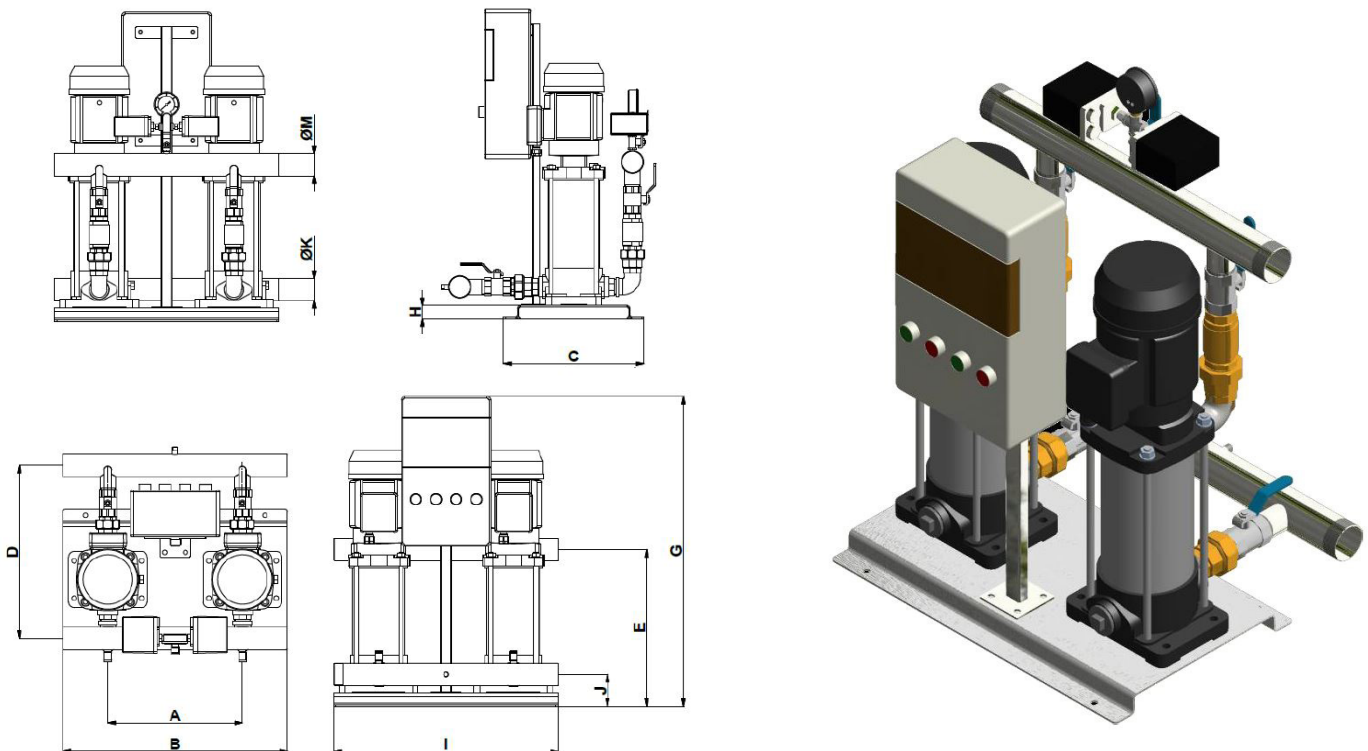
GPM02-EM BOOSTER SET with 2 single-phase 230V electric pumps						
Model	Electric pump	Power (kW)	Suction manifold ND	Discharge manifold ND	For 1 electric pump	
					Q (m³/h)	H (m)
GPM02-EM3/3-04	EM 3/3 I	2 x 0.45	50 (2")	50 (2")	1.5 - 4.5	30 - 14
GPM02-EM3/4-05	EM 3/4 I	2 x 0.55				39 - 18
GPM02-EM3/5-07	EM 3/5 I	2 x 0.75				49 - 21
GPM02-EM3/6-09	EM 3/6 I	2 x 0.9				58 - 26
GPM02-EM3/7-11	EM 3/7 I	2 x 1.1				67 - 29
GPM02-EM3/8-13	EM 3/8 I	2 x 1.3				79 - 37
GPM02-EM3/9-15	EM 3/9 I	2 x 1.5				88 - 40
GPM02-EM5/3-05	IEM 5/3 I	2 x 0.55			2 - 7	31 - 16.5
GPM02-EM5/4-09	EM 5/4 I	2 x 0.9				42.5 - 22.5
GPM02-EM5/5-11	EM 5/5 I	2 x 1.1				52 - 27
GPM02-EM5/6-13	EM 5/6 I	2 x 1.3				63 - 32
GPM02-EM5/7-15	EM 5/7 I	2 x 1.5				73 - 35.5
GPM02-EM9/3-11	EM 9/3 I	2 x 1.1	65 (2½")	65 (2½")	3 - 14	33 - 10.5
GPM02-EM9/4-15	EM9/4 I	2 x 1.5				44 - 14.5

GPT02-EM BOOSTER SET with 2 three-phase 400V electric pumps						
Model	Electric pump	Power (kW)	Suction manifold ND	Discharge manifold ND	For 1 electric pump	
					Q (m³/h)	H (m)
GPT02-EM3/3-07	EM3/3 RGT	2 x 0.75	50 (2")	50 (2")	1.5 - 4.5	30 - 14
GPT02-EM3/4-07	EM3/4 RGT	2 x 0.75				39 - 18
GPT02-EM3/5-07	EM3/5 RGT	2 x 0.75				49 - 21
GPT02-EM3/6-11	EM3/6 RGT	2 x 1.1				58 - 26
GPT02-EM3/7-11	EM3/7 RGT	2 x 1.1				67 - 29
GPT02-EM3/8-15	EM3/8 RGT	2 x 1.5				79 - 37
GPT02-EM3/9-15	EM3/9 RGT	2 x 1.5				88 - 40
GPT02-EM5/3-07	EM5/3 RGT	2 x 0.75			2 - 7	31.5 - 16.5
GPT02-EM5/4-11	EM5/4 RGT	2 x 1.1				42 - 22
GPT02-EM5/5-11	EM5/5 RGT	2 x 1.1				51.5 - 26
GPT02-EM5/6-15	EM5/6 RGT	2 x 1.5				63 - 33.5
GPT02-EM5/7-15	EM5/7 RGT	2 x 1.5				73 - 38
GPT02-EM5/8-22	EM5/8 RGT	2 x 2.2				86 - 48
GPT02-EM5/9-22	EM5/9 RGT	2 x 2.2				96.5 - 53
GPT02-EM9/3-11	EM9/3 RGT	2 x 1.1	65 (2½")	65 (2½")	3 - 14	33 - 10
GPT02-EM9/4-15	EM9/4 RGT	2 x 1.5				44 - 14.5
GPT02-EM9/5-22	EM9/5 RGT	2 x 2.2				57 - 21
GPT02-EM9/6-22	EM9/6 RGT	2 x 2.2				67.5 - 24
GPT02-EM9/7-30	EM9/7 RGT	2 x 3				79.5 - 30
GPT02-EM9/8-30	EM9/8 RGT	2 x 3				90.5 - 33

Dimensions

GPM02-EM BOOSTER SET with 2 single-phase 230V electric pumps

Model	A (cm)	B (cm)	C (cm)	D (cm)	E (cm)	F (cm)	G (cm)	H (cm)	I (cm)	J (cm)	K Ø	M Ø
GPM02-EM3/3-04	36	60	37.5	52	42	-	83	3.5	60	8.5	2"	1½"
GPM02-EM3/4-05	36	60	37.5	52	42	-	83	3.5	60	8.5	2"	1½"
GPM02-EM3/5-07	36	60	37.5	52	42	-	83	3.5	60	8.5	2"	1½"
GPM02-EM3/6-09	36	60	37.5	52	42	-	83	3.5	60	8.5	2"	1½"
GPM02-EM3/7-11	36	60	37.5	52	42	-	83	3.5	65	8.5	2"	1½"
GPM02-EM3/8-13	36	60	37.5	52	42	-	83	3.5	65	8.5	2"	1½"
GPM02-EM3/9-15	36	60	37.5	52	42	-	83	3.5	65	8.5	2"	1½"
GPM02-EM5/3-05	36	60	37.5	52	42	-	83	3.5	60	8.5	2"	1½"
GPM02-EM5/4-09	36	60	37.5	52	42	-	83	3.5	60	8.5	2"	1½"
GPM02-EM5/5-11	36	60	37.5	52	42	-	83	3.5	60	8.5	2"	1½"
GPM02-EM5/6-13	36	60	37.5	52	42	-	83	3.5	60	8.5	2"	1½"
GPM02-EM5/7-15	36	60	37.5	52	42	-	83	3.5	60	8.5	2"	1½"
GPM02-EM9/3-11	36	60	52.5	64	47	-	83	3.5	65	11.5	2½"	2½"
GPM02-EM9/4-15	36	60	52.5	64	47	-	83	3.5	65	11.5	2½"	2½"

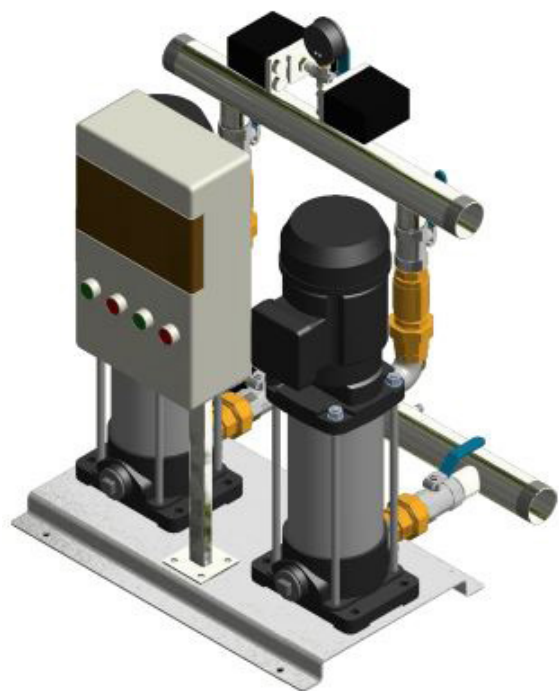
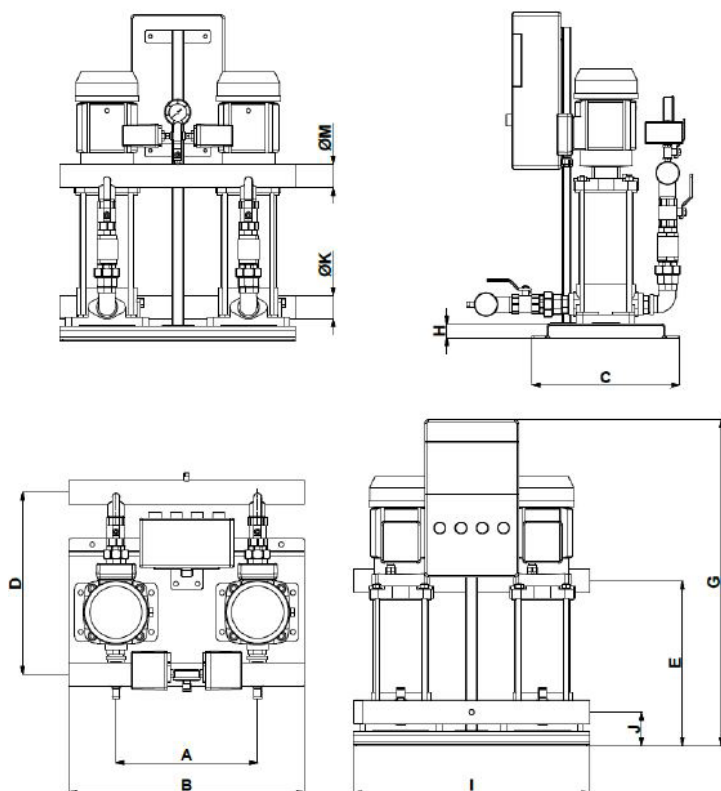




Dimensions

GPT02-EM BOOSTER SET with 2 three-phase 400V electric pumps

Model	A (cm)	B (cm)	C (cm)	D (cm)	E (cm)	F (cm)	G (cm)	H (cm)	I (cm)	J (cm)	K Ø	M Ø
GPT02-EM3/3-07	36	60	37.5	46	42	-	83	3.5	60	8.5	2"	2"
GPT02-EM3/4-07	36	60	37.5	46	42	-	83	3.5	60	8.5	2"	2"
GPT02-EM3/5-07	36	60	37.5	46	42	-	83	3.5	60	8.5	2"	2"
GPT02-EM3/6-11	36	60	37.5	46	42	-	83	3.5	65	8.5	2"	2"
GPT02-EM3/7-11	36	60	52.5	46	42	-	83	3.5	65	8.5	2"	2"
GPT02-EM3/8-15	36	60	52.5	46	42	-	83	3.5	65	8.5	2"	2"
GPT02-EM3/9-15	36	60	52.5	46	42	-	83	3.5	60	8.5	2"	2"
GPT02-EM5/3-07	36	60	37.5	46	42	-	83	3.5	60	8.5	2"	2"
GPT02-EM5/4-11	36	60	37.5	46	42	-	83	3.5	60	8.5	2"	2"
GPT02-EM5/5-11	36	60	37.5	46	42	-	83	3.5	60	8.5	2"	2"
GPT02-EM5/6-15	36	60	37.5	46	42	-	83	3.5	65	8.5	2"	2"
GPT02-EM5/7-15	36	60	37.5	46	42	-	83	3.5	65	8.5	2"	2"
GPT02-EM5/8-22	36	60	37.5	46	42	-	83	3.5	65	8.5	2"	2"
GPT02-EM5/9-22	36	60	37.5	46	42	-	83	3.5	60	8.5	2"	2"
GPT02-EM9/3-11	36	65	52.5	51	47.5	-	83	3.5	60	11.5	2½"	2½"
GPT02-EM9/4-15	36	65	52.5	51	47.5	-	83	3.5	60	11.5	2½"	2½"
GPT02-EM9/5-22	36	65	52.5	51	47.5	-	83	3.5	65	11.5	2½"	2½"
GPT02-EM9/6-22	36	65	52.5	51	47.5	-	83	3.5	65	11.5	2½"	2½"
GPT02-EM9/7-30	36	65	52.5	51	47.5	-	83	3.5	65	11.5	2½"	2½"
GPT02-EM9/8-30	36	65	52.5	51	47.5	-	83	3.5	65	11.5	2½"	2½"



✓ GLM01-EM

Compact booster sets with single-phase power supply to work at constant pressure by means of variable speed. Equipped with a three-phase EM electric pump with a LKD4500L built-in inverter. Supplied without base plate or suction and discharge manifolds.

EV electric pumps

- Single-piece design
- Pump base in cast iron, other components in contact with the liquid in AISI 304
- AISI 304 boosters and diffusers
- Maximum flow rate 14 m³/h and maximum height 90.5m
- Maximum working pressure 12 bar
- Working temperature of the liquid between -15°C and +110°C (industrial use)
- Maximum ambient temperature 40°C
- Standard mechanical seal in ceramic/graphite/EPDM
- Three types of available connections: D, R and T

Motor

- Three-phase with IE3 efficiency 230/400V
- TEFC, 2-pole 50Hz, IP55 and class F insulation

Inverter - Model: LKD4500L

- Plug: Schuko
- Connected and configured at the factory
- Easy installation and start-up

Power supply

- Electric single-phase 230V 50Hz

Start

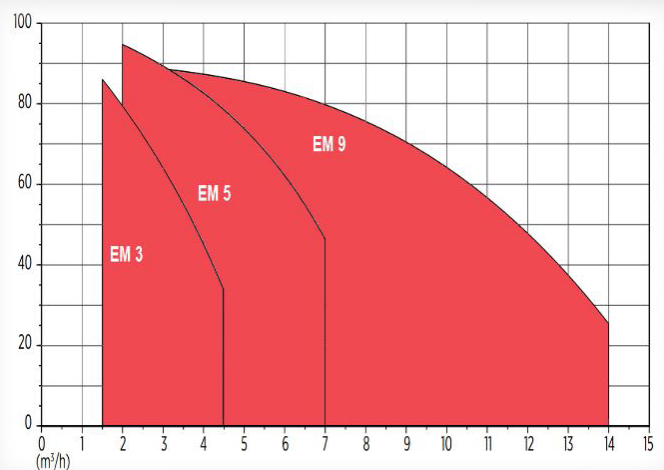
- Via ramp

Accessories

- Pressure transmitter 0-10 bar
- Glycerine pressure gauge

Extras

- DN32-Rp 1¼" and DN40-Rp 1½" counter flanges kit



D
Threaded in line
flanges

R
Threaded
flanges with
top outlet

T
Oval in line
flanges





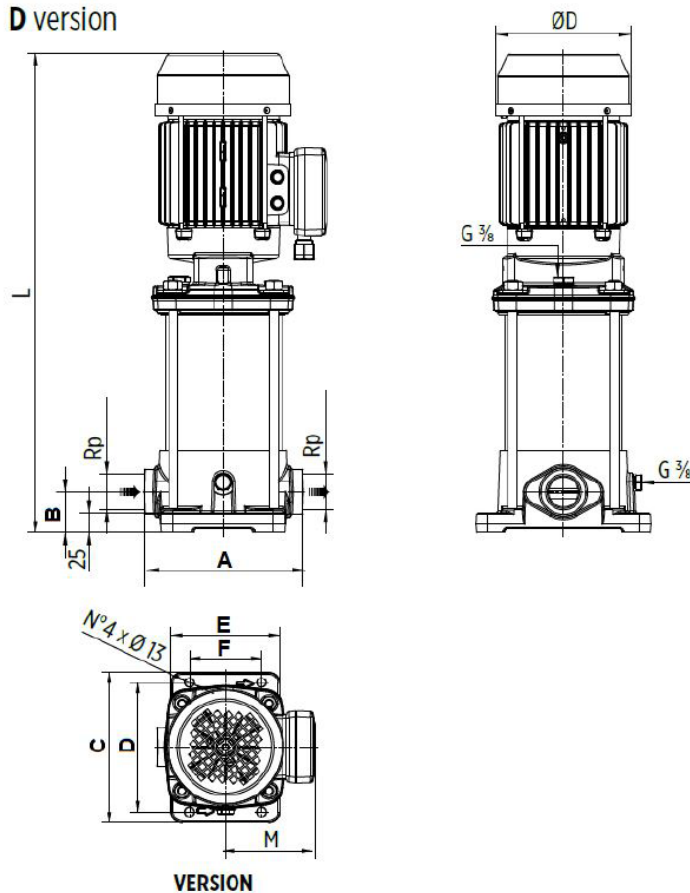
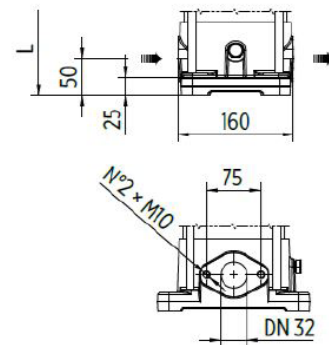
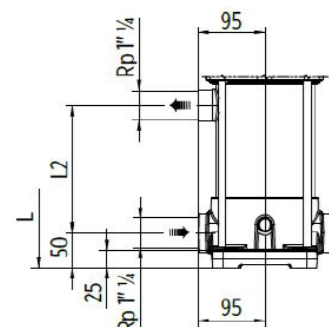
Data table

GLM01-EM BOOSTER SET with 1 single-phase 230V electric pump								
Model	Electric pump	Power (kW)	Motor size	Inverter reference	Suc. Ø	Dis. Ø	Q (m³/h)	H (m)
GLM02-EM3/3-07	EM 3/3 RGT	0.75	IEC 71	LKD4500L011	1¼"	1¼"	1.5 - 4.5	30 - 14
GLM02-EM3/4-07	EM 3/4 RGT	0.75	IEC 71	LKD4500L011	1¼"	1¼"		39 - 18
GLM02-EM3/5-07	EM 3/5 RGT	0.75	IEC 71	LKD4500L011	1¼"	1¼"		49 - 21
GLM02-EM3/6-11	EM 3/6 RGT	1.1	IEC 71	LKD4500L011	1¼"	1¼"		58 - 26
GLM02-EM3/7-11	EM 3/7 RGT	1.1	IEC 71	LKD4500L011	1¼"	1¼"		67 - 29
GLM02-EM3/8-15	EM 3/8 RGT	1.5	IEC 80	LKD4500L015	1¼"	1¼"		79 - 37
GLM02-EM3/9-15	EM 3/9 RGT	1.5	IEC 80	LKD4500L015	1¼"	1¼"		88 - 40
GLM02-EM5/3-07	EM 5/3 RGT	0.75	IEC 71	LKD4500L011	1¼"	1¼"	2 - 7	31.5 - 16.5
GLM02-EM5/4-11	EM 5/4 RGT	1.1	IEC 71	LKD4500L011	1¼"	1¼"		42 - 22
GLM02-EM5/5-11	EM 5/5 RGT	1.1	IEC 71	LKD4500L011	1¼"	1¼"		51.5 - 26
GLM02-EM5/6-15	EM 5/6 RGT	1.5	IEC 80	LKD4500L015	1¼"	1¼"		63 - 33.5
GLM02-EM5/7-15	EM 5/7 RGT	1.5	IEC 80	LKD4500L015	1¼"	1¼"		73 - 38
GLM02-EM5/8-22	EM 5/8 RGT	2.2	IEC 90	LKD4500L022	1¼"	1¼"		86 - 48
GLM02-EM5/9-22	EM 5/9 RGT	2.2	IEC 90	LKD4500L022	1¼"	1¼"		96.5 - 53
GLM02-EM9/3-11	EM 9/3 RGT	1.1	IEC 71	LKD4500L011	1½"	1½"	3 - 14	33 - 10
GLM02-EM9/4-15	EM 9/4 RGT	1.5	IEC 80	LKD4500L015	1½"	1½"		44 - 14.5
GLM02-EM9/5-22	EM 9/5 RGT	2.2	IEC 90	LKD4500L022	1½"	1½"		57 - 21
GLM02-EM9/6-22	EM 9/6 RGT	2.2	IEC 90	LKD4500L022	1½"	1½"		67.5 - 24

Dimensions

GPM01-EM BOOSTER SET with 1 single-phase 230V electric pump

Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Rp"	L (mm)	L2 (mm)	D Ø (mm)	M (mm)	Motor size
GLM02-EM3/3-07	190	50	210	180	150	100	1¼"	465.5	111	144	117	IEC 71
GLM02-EM3/4-07	190	50	210	180	150	100	1¼"	489.5	135	144	117	IEC 71
GLM02-EM3/5-07	190	50	210	180	150	100	1¼"	513.5	159	144	117	IEC 71
GLM02-EM3/6-11	190	50	210	180	150	100	1¼"	537.5	183	144	117	IEC 71
GLM02-EM3/7-11	190	50	210	180	150	100	1¼"	561.5	207	144	117	IEC 71
GLM02-EM3/8-15	190	50	210	180	150	100	1¼"	627.5	231	162	124	IEC 80
GLM02-EM3/9-15	190	50	210	180	150	100	1¼"	651.5	255	162	124	IEC 80
GLM02-EM5/3-07	190	50	210	180	150	100	1¼"	465.5	111	144	117	IEC 71
GLM02-EM5/4-11	190	50	210	180	150	100	1¼"	489.5	135	144	117	IEC 71
GLM02-EM5/5-11	190	50	210	180	150	100	1¼"	513.5	159	144	117	IEC 71
GLM02-EM5/6-15	190	50	210	180	150	100	1¼"	579.5	183	162	124	IEC 80
GLM02-EM5/7-15	190	50	210	180	150	100	1¼"	603.5	207	162	124	IEC 80
GLM02-EM5/8-22	190	50	210	180	150	100	1¼"	666.5	231	179	131	IEC 90
GLM02-EM5/9-22	190	50	210	180	150	100	1¼"	690.5	255	179	131	IEC 90
GLM02-EM9/3-11	220	80	250	215	185	130	1½"	513.5	129	144	117	IEC 71
GLM02-EM9/4-15	220	80	250	215	185	130	1½"	585.5	159	162	124	IEC 80
GLM02-EM9/5-22	220	80	250	215	185	130	1½"	654.5	189	179	131	IEC 90
GLM02-EM9/6-22	220	80	250	215	185	130	1½"	684.5	219	179	131	IEC 90

D version

T version

R version




GLM02-EM

Booster sets with single-phase power supply (three-phase electric pumps) with variable speed equipped with EM electric pumps and with a LKD4500L built-in inverter per pump, multimaster system with rotation of the main pump. Optional suction and discharge manifold on the same side with EM electric pump (R version).

EM electric pumps

- Pump base in cast iron, other components in contact with the liquid in AISI 304
- AISI 304 boosters and diffusers
- Maximum flow rate 14 m³/h and maximum height 104m
- Maximum working pressure 12 bar
- Liquid temperature between -15°C and +110°C
- Maximum ambient temperature 40°C
- Mechanical seal in ceramic/graphite/EPDM
- Motor
 - Three-phase with IE3 efficiency 230/400V
 - TEFC, 2-pole 50Hz, IP55 and class F insulation

Materials

Base plate. Omega type in 3mm zinc-plated steel

Manifolds. AISI 304 threaded (optional in AISI 316)

Valves

Suction

- Brass ball valve PN-25

Discharge

- Brass ball valve PN-25
- Brass check valve with NBR gasket and AISI 304 spring

Electrical panel

Inverters. LKD4500

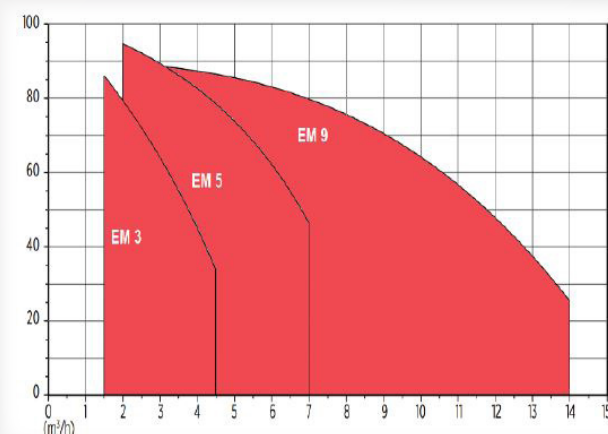
Protection. From the main pump via inverter and circuit breaker per inverter

Box. IP65 plastic material

Start. Via ramp

Accessories

- Pressure transmitter 0-10 bar
- Glycerine pressure gauge



R

Threaded flanges with top outlet

Data table

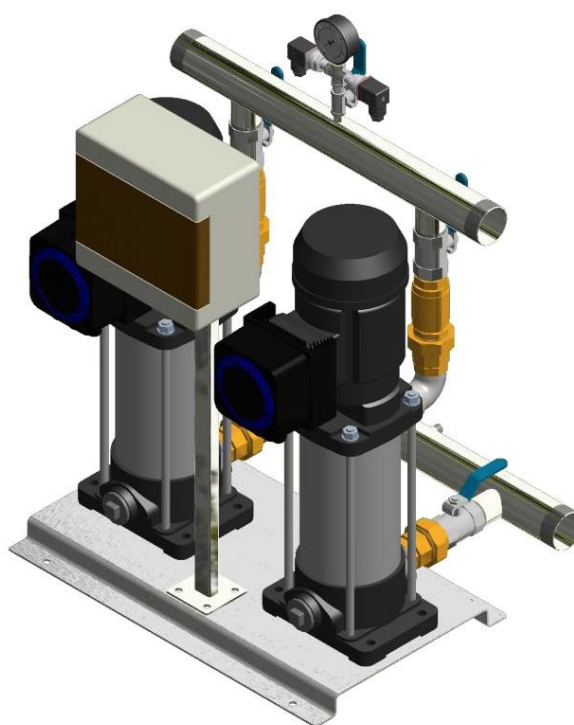
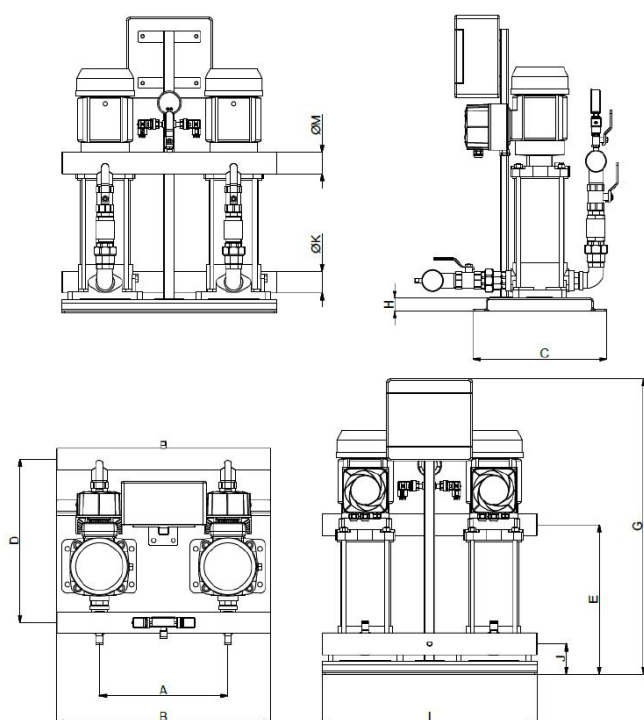
GLM02-EM BOOSTER SET with 2 single-phase 230V electric pumps						
Model	Electric pump	Power (kW)	Suction manifold ND	Discharge manifold ND	For 1 electric pump	
					Q (m³/h)	H (m)
GLM02-EM3/3-07	EM3/3 RGT	2 x 0.75	50 (2")	50 (2")	1.5 - 4.5	30 - 14
GLM02-EM3/4-07	EM3/4 RGT	2 x 0.75				39 - 18
GLM02-EM3/5-07	EM3/5 RGT	2 x 0.75				49 - 21
GLM02-EM3/6-11	EM3/6 RGT	2 x 1.1				58 - 26
GLM02-EM3/7-11	EM3/7 RGT	2 x 1.1				67 - 29
GLM02-EM3/8-15	EM3/8 RGT	2 x 1.5				79 - 37
GLM02-EM3/9-15	EM3/9 RGT	2 x 1.5				88 - 40
GLM02-EM5/3-07	EM5/3 RGT	2 x 0.75			2 - 7	31.5 - 16.5
GLM02-EM5/4-11	EM5/4 RGT	2 x 1.1				42 - 22
GLM02-EM5/5-11	EM5/5 RGT	2 x 1.1				51.5 - 26
GLM02-EM5/6-15	EM5/6 RGT	2 x 1.5				63 - 33.5
GLM02-EM5/7-15	EM5/7 RGT	2 x 1.5				73 - 38
GLM02-EM5/8-22	EM5/8 RGT	2 x 2.2				86 - 48
GLM02-EM5/9-22	EM5/9 RGT	2 x 2.2				96.5 - 53
GLM02-EM9/3-11	EM9/3 RGT	2 x 1.1	65 (2½")	65 (2½")	3 - 14	33 - 10
GLM02-EM9/4-15	EM9/4 RGT	2 x 1.5				44 - 14.5
GLM02-EM9/5-22	EM9/5 RGT	2 x 2.2				57 - 21
GLM02-EM9/6-22	EM9/6 RGT	2 x 2.2				67.5 - 24



Dimensions

GLM02-EM BOOSTER SET with 2 single-phase 230V electric pumps

Model	A (cm)	B (cm)	C (cm)	D (cm)	E (cm)	G (cm)	H (cm)	I (cm)	J (cm)	K Ø	M Ø
GLM02-EM3/3-07	36	60	37.5	46	42	83	3.5	60	8.5	2"	2"
GLM02-EM3/4-07	36	60	37.5	46	42	83	3.5	60	8.5	2"	2"
GLM02-EM3/5-07	36	60	37.5	46	42	83	3.5	60	8.5	2"	2"
GLM02-EM3/6-11	36	60	37.5	46	42	83	3.5	60	8.5	2"	2"
GLM02-EM3/7-11	36	60	37.5	46	42	83	3.5	60	8.5	2"	2"
GLM02-EM3/8-15	36	60	37.5	46	42	83	3.5	60	8.5	2"	2"
GLM02-EM3/9-15	36	60	37.5	46	42	83	3.5	60	8.5	2"	2"
GLM02-EM5/3-07	36	60	37.5	46	42	83	3.5	60	8.5	2"	2"
GLM02-EM5/4-11	36	60	37.5	46	42	83	3.5	60	8.5	2"	2"
GLM02-EM5/5-11	36	60	37.5	46	42	83	3.5	60	8.5	2"	2"
GLM02-EM5/6-15	36	60	37.5	46	42	83	3.5	60	8.5	2"	2"
GLM02-EM5/7-15	36	60	37.5	46	42	83	3.5	60	8.5	2"	2"
GLM02-EM5/8-22	36	60	37.5	46	42	83	3.5	60	8.5	2"	2"
GLM02-EM5/9-22	36	60	37.5	46	42	83	3.5	60	8.5	2"	2"
GLM02-EM9/3-11	36	60	52.5	51	47.5	83	3.5	62.5	11.5	2½"	2½"
GLM02-EM9/4-15	36	60	52.5	51	47.5	83	3.5	62.5	11.5	2½"	2½"
GLM02-EM9/5-22	36	60	52.5	51	47.5	83	3.5	62.5	11.5	2½"	2½"
GLM02-EM9/6-22	36	60	52.5	51	47.5	83	3.5	62.5	11.5	2½"	2½"

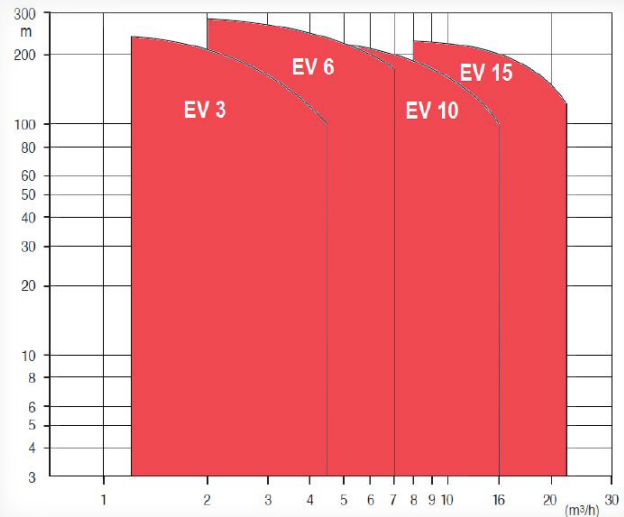


✓ GPT02-EV and GPT03-EV

Fixed speed three-phase booster sets equipped with 2 or 3 EV electric pumps, controlled by pressure switches and with pump alternation.

EV electric pumps

- In-line suction and discharge outlet: standard round flange
- Maximum flow rate 120 m³/h
- Maximum pressure 32 bar
- Working temperature of the liquid between -15°C and +120°C
- For power ratings > 4kW (motor >30kg), the mechanical seal can be replaced without removing the motor
- Bearings
 - *Upper* (motor coupling flange) oversized which protects the motor bearing and minimises the pump's axial stress
 - *Intermediate* made of tungsten carbide to stabilise the shaft and prevent vibration
 - *Lower* made of tungsten carbide shaft (for EV30-95)
- Mechanical seal in silicon carbide/graphite/EPDM
- AISI 316 stainless steel. Balancing for EV30-95
- Three-phase motor
 - < 0.75kW. Lafert/AEG IE2 not suitable for frequency inverter except input 1x230V-output 3x230V
 - ≥ 0.75kW. Lafert/AEG IE3
- IP55 protection, maximum ambient temperature 40°C and class F insulation
- Motor coupling
 - ≤ 4kW B14 type
 - ≥ 5.5kW B5 type





Materials

Base plate

- $\leq 200\text{kg}$. Omega type in 3mm zinc-plated steel
- $> 200\text{kg}$. Reinforced with HEB metal profiles

Manifolds. AISI 304 (optional in AISI 316)

- $< 3''$ AISI 304 threaded (optional in AISI 316)
- $\geq 3''$ AISI 304 with flanges

Valves

Suction

- $< 3''$. Brass ball valve PN-25
- $\geq 3''$. Cast iron butterfly shut-off valve with metal seat and EPDM gasket

Discharge

- $< 3''$. Brass ball shut-off valve PN-25. Brass check valve with NBR gasket and AISI 304 spring
- $\geq 3''$. Cast iron butterfly shut-off valve with metal seat and EPDM gasket. Brass check valve with NBR gasket and AISI 304 spring

Electrical panel

Protection. $\leq 25\text{A}$ thermal circuit breakers

Box

- AD. IP55 plastic material
- ET. Metallic

Switchgear. Siemens

Selectors. MAN-0-AUT

Pilot lights

- Start-up
- Thermal triggering

Start

- $\leq 5.5\text{HP}$. Direct start
- 7.5HP . Direct start or star-triangle
- $> 7.5\text{HP}$. Star-triangle

Accessories

- Adjustable differential pressure switches
- Glycerine pressure gauge



Data table

GPT02-EV BOOSTER SET with 2 three-phase 400V electric pumps						
Model	Electric pump	Power (kW)	Suction manifold ND	Discharge manifold ND	For 1 electric pump	
					Q (m³/h)	H (m)
GPT02-EV3/4FI003	EV3/4FIT	2 x 0.3	40 (1½")	40 (1½")	1.4 - 4.2	27 - 13
GPT02-EV3/5FI005	EV3/5FIT	2 x 0.5				34 - 16
GPT02-EV3/6FI005	EV3/6FIT	2 x 0.5				41 - 19
GPT02-EV3/7FI007	EV3/7FIT	2 x 0.7				49 - 23
GPT02-EV3/8FI007	EV3/8FIT	2 x 0.7				55 - 26
GPT02-EV3/9FI007	EV3/9FIT	2 x 0.7				62 - 28
GPT02-EV3/10FI011	EV3/10FIT	2 x 1.1				70 - 34
GPT02-EV3/11FI011	EV3/11FIT	2 x 1.1				77 - 37
GPT02-EV3/12FI011	EV3/12FIT	2 x 1.1				83 - 39
GPT02-EV3/13FI011	EV3/13FIT	2 x 1.1				90 - 42
GPT02-EV3/14FI015	EV3/14FIT	2 x 1.5				99 - 48
GPT02-EV3/15FI015	EV3/15FIT	2 x 1.5				105 - 51
GPT02-EV3/16FI015	EV3/16FIT	2 x 1.5				112 - 54
GPT02-EV3/17FI015	EV3/17FIT	2 x 1.5				118 - 56
GPT02-EV3/18FI022	EV3/18FIT	2 x 2.2				128 - 65
GPT02-EV3/19FI022	EV3/19FIT	2 x 2.2				135 - 68
GPT02-EV3/21FI022	EV3/21FIT	2 x 2.2				149 - 74
GPT02-EV6/5FI007	EV6/5FIT	2 x 0.7	50 (2")	50 (2")	2.8 - 7.2	33 - 18
GPT02-EV6/6FI007	EV6/6FIT	2 x 0.7				40 - 20
GPT02-EV6/7FI011	EV6/7FIT	2 x 1.1				47 - 25
GPT02-EV6/8FI011	EV6/8FIT	2 x 1.1				54 - 28
GPT02-EV6/9FI011	EV6/9FIT	2 x 1.1				60 - 31
GPT02-EV6/10FI015	EV6/10FIT	2 x 1.5				68 - 36
GPT02-EV6/11FI015	EV6/11FIT	2 x 1.5				75 - 39
GPT02-EV6/12FI015	EV6/12FIT	2 x 1.5				81 - 42
GPT02-EV6/13FI015	EV6/13FIT	2 x 1.5				87 - 45
GPT02-EV6/14FI022	EV6/14FIT	2 x 2.2				97 - 52
GPT02-EV6/15FI022	EV6/15FIT	2 x 2.2				103 - 55
GPT02-EV6/16FI022	EV6/16FIT	2 x 2.2				109 - 58
GPT02-EV6/17FI022	EV6/17FIT	2 x 2.2				116 - 61
GPT02-EV6/18FI022	EV6/18FIT	2 x 2.2				122 - 64
GPT02-EV6/19FI022	EV6/19FIT	2 x 2.2				128 - 67
GPT02-EV6/20FI030	EV6/20FIT	2 x 3				140 - 77
GPT02-EV6/21FI030	EV6/21FIT	2 x 3				146 - 80
GPT02-EV10/3FI011	EV10/3FIT	2 x 1.1	65 (2½")	65 (2½")	6 - 14	27 - 13
GPT02-EV10/4FI015	EV10/4FIT	2 x 1.5				37 - 18
GPT02-EV10/5FI015	EV10/5FIT	2 x 1.5				45 - 21
GPT02-EV10/6FI022	EV10/6FIT	2 x 2.2				55 - 27
GPT02-EV10/7FI022	EV10/7FIT	2 x 2.2				64 - 31
GPT02-EV10/8FI030	EV10/8FIT	2 x 3				75 - 38
GPT02-EV10/9FI030	EV10/9FIT	2 x 3				84 - 42
GPT02-EV10/10FI040	EV10/10FIT	2 x 4				96 - 49
GPT02-EV10/11FI040	EV10/11FIT	2 x 4				105 - 53
GPT02-EV10/12FI040	EV10/12FIT	2 x 4				114 - 57
GPT02-EV10/13FI040	EV10/13FIT	2 x 4				123 - 61
GPT02-EV10/15FI055	EV10/15FIT	2 x 5.5				142 - 72
GPT02-EV15/3FI030	EV15/3FIT	2 x 3	80 (3")	80 (3")	8 - 24	39 - 17
GPT02-EV15/4FI040	EV15/4FIT	2 x 4				52 - 23
GPT02-EV15/5FI040	EV15/5FIT	2 x 4				65 - 28
GPT02-EV15/6FI055	EV15/6FIT	2 x 5.5				79 - 36
GPT02-EV15/7FI055	EV15/7FIT	2 x 5.5				92 - 41
GPT02-EV15/8FI075	EV15/8FIT	2 x 7.5				106 - 49
GPT02-EV15/9FI075	EV15/9FIT	2 x 7.5				119 - 54
GPT02-EV15/10FI110	EV15/10FIT	2 x 11				134 - 65



Data table

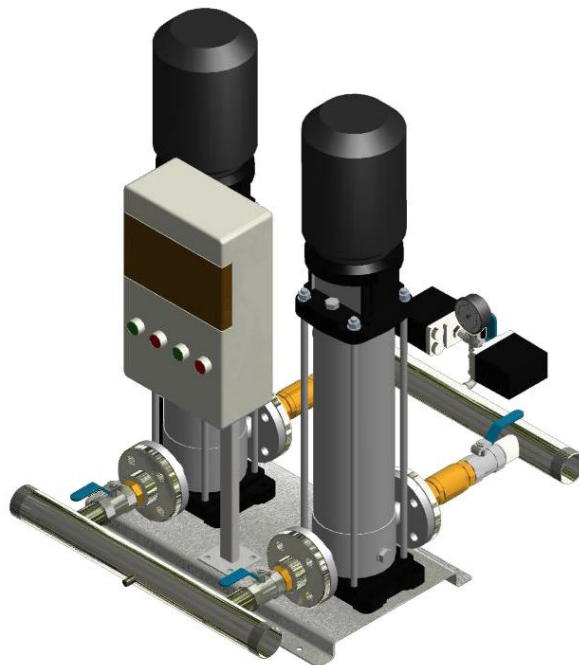
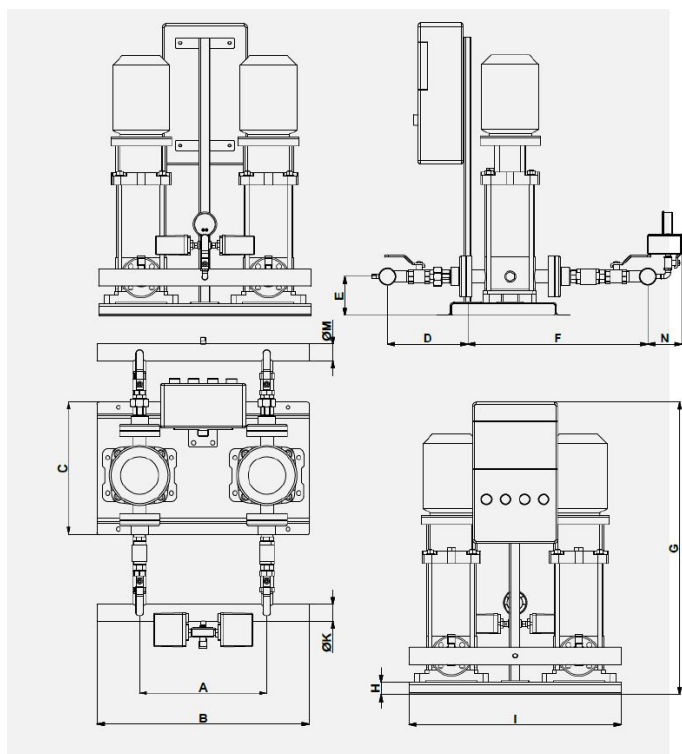
GPT03-EV BOOSTER SET with 3 three-phase 400V electric pumps						
Model	Electric pump	Power (kW)	Suction manifold ND	Discharge manifold ND	For 1 electric pump	
					Q (m³/h)	H (m)
GPT03-EV3/4FI003	EV3/4FIT	3 x 0.3	40 (1½")	40 (1½")	1.4 - 4.2	27 - 13
GPT03-EV3/5FI005	EV3/5FIT	3 x 0.5				34 - 16
GPT03-EV3/6FI005	EV3/6FIT	3 x 0.5				41 - 19
GPT03-EV3/7FI007	EV3/7FIT	3 x 0.7				49 - 23
GPT03-EV3/8FI007	EV3/8FIT	3 x 0.7				55 - 26
GPT03-EV3/9FI007	EV3/9FIT	3 x 0.7				62 - 28
GPT03-EV3/10FI011	EV3/10FIT	3 x 1.1				70 - 34
GPT03-EV3/11FI011	EV3/11FIT	3 x 1.1				77 - 37
GPT03-EV3/12FI011	EV3/12FIT	3 x 1.1				83 - 39
GPT03-EV3/13FI011	EV3/13FIT	3 x 1.1				90 - 42
GPT03-EV3/14FI015	EV3/14FIT	3 x 1.5				99 - 48
GPT03-EV3/15FI015	EV3/15FIT	3 x 1.5				105 - 51
GPT03-EV3/16FI015	EV3/16FIT	3 x 1.5				112 - 54
GPT03-EV3/17FI015	EV3/17FIT	3 x 1.5				118 - 56
GPT03-EV3/18FI022	EV3/18FIT	3 x 2.2				128 - 65
GPT03-EV3/19FI022	EV3/19FIT	3 x 2.2				135 - 68
GPT03-EV3/21FI022	EV3/21FIT	3 x 2.2				149 - 74
GPT03-EV6/5FI007	EV6/5FIT	3 x 0.7	50 (2")	50 (2")	2.8 - 7.2	33 - 18
GPT03-EV6/6FI007	EV6/6FIT	3 x 0.7				40 - 20
GPT03-EV6/7FI011	EV6/7FIT	3 x 1.1				47 - 25
GPT03-EV6/8FI011	EV6/8FIT	3 x 1.1				54 - 28
GPT03-EV6/9FI011	EV6/9FIT	3 x 1.1				60 - 31
GPT03-EV6/10FI015	EV6/10FIT	3 x 1.5				68 - 36
GPT03-EV6/11FI015	EV6/11FIT	3 x 1.5				75 - 39
GPT03-EV6/12FI015	EV6/12FIT	3 x 1.5				81 - 42
GPT03-EV6/13FI015	EV6/13FIT	3 x 1.5				87 - 45
GPT03-EV6/14FI022	EV6/14FIT	3 x 2.2				97 - 52
GPT03-EV6/15FI022	EV6/15FIT	3 x 2.2				103 - 55
GPT03-EV6/16FI022	EV6/16FIT	3 x 2.2				109 - 58
GPT03-EV6/17FI022	EV6/17FIT	3 x 2.2				116 - 61
GPT03-EV6/18FI022	EV6/18FIT	3 x 2.2				122 - 64
GPT03-EV6/19FI022	EV6/19FIT	3 x 2.2				128 - 67
GPT03-EV6/20FI030	EV6/20FIT	3 x 0.3				140 - 77
GPT03-EV6/21FI030	EV6/21FIT	3 x 0.3				146 - 80
GPT03-EV10/3FI011	EV10/3FIT	3 x 1.1	65 (2½")	65 (2½")	6 - 14	27 - 13
GPT03-EV10/4FI015	EV10/4FIT	3 x 1.5				37 - 18
GPT03-EV10/5FI015	EV10/5FIT	3 x 1.5				45 - 21
GPT03-EV10/6FI022	EV10/6FIT	3 x 2.2				55 - 27
GPT03-EV10/7FI022	EV10/7FIT	3 x 2.2				64 - 31
GPT03-EV10/8FI030	EV10/8FIT	3 x 3				75 - 38
GPT03-EV10/9FI030	EV10/9FIT	3 x 3				84 - 42
GPT03-EV10/10FI040	EV10/10FIT	3 x 4				96 - 49
GPT03-EV10/11FI040	EV10/11FIT	3 x 4				105 - 53
GPT03-EV10/12FI040	EV10/12FIT	3 x 4				114 - 57
GPT03-EV10/13FI040	EV10/13FIT	3 x 4				123 - 61
GPT03-EV10/15FI055	EV10/15FIT	3 x 5.5				142 - 72
GPT03-EV15/3FI030	EV15/3FIT	3 x 3	100 (4")	80 (3")	8 - 24	39 - 17
GPT03-EV15/4FI040	EV15/4FIT	3 x 4				52 - 23
GPT03-EV15/5FI040	EV15/5FIT	3 x 4				65 - 28
GPT03-EV15/6FI055	EV15/6FIT	3 x 5.5				79 - 36
GPT03-EV15/7FI055	EV15/7FIT	3 x 5.5				92 - 41
GPT03-EV15/8FI075	EV15/8FIT	3 x 7.5				106 - 49
GPT03-EV15/9FI075	EV15/9FIT	3 x 7.5				119 - 54
GPT03-EV15/10FI110	EV15/10FIT	3 x 11				134 - 65

Dimensions

GPT02-EV BOOSTER SET with 2 single-phase 230V electric pumps												
Model	A (cm)	B (cm)	C (cm)	D (cm)	E (cm)	F (cm)	G (cm)	H (cm)	I (cm)	K Ø	M Ø	N (cm)
GPT02-EV3/4FI003	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GPT02-EV3/5FI005	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GPT02-EV3/6FI005	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GPT02-EV3/7FI007	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GPT02-EV3/8FI007	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GPT02-EV3/9FI007	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GPT02-EV3/10FI011	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GPT02-EV3/11FI011	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GPT02-EV3/12FI011	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GPT02-EV3/13FI011	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GPT02-EV3/14FI015	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GPT02-EV3/15FI015	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GPT02-EV3/16FI015	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GPT02-EV3/17FI015	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GPT02-EV3/18FI022	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GPT02-EV3/19FI022	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GPT02-EV3/21FI022	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GPT02-EV6/5FI007	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GPT02-EV6/6FI007	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GPT02-EV6/7FI011	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GPT02-EV6/8FI011	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GPT02-EV6/9FI011	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GPT02-EV6/10FI015	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GPT02-EV6/11FI015	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GPT02-EV6/12FI015	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GPT02-EV6/13FI015	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GPT02-EV6/14FI022	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GPT02-EV6/15FI022	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GPT02-EV6/16FI022	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GPT02-EV6/17FI022	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GPT02-EV6/18FI022	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GPT02-EV6/19FI022	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GPT02-EV6/20FI030	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GPT02-EV6/21FI030	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GPT02-EV10/3FI011	36	60	52.5	36	11.5	45	115.5	3.5	65	2½"	2½"	11
GPT02-EV10/4FI015	36	60	52.5	36	11.5	45	115.5	3.5	65	2½"	2½"	11
GPT02-EV10/5FI015	36	60	52.5	36	11.5	45	115.5	3.5	65	2½"	2½"	11
GPT02-EV10/6FI022	36	60	52.5	36	11.5	45	83	3.5	65	2½"	2½"	11
GPT02-EV10/7FI022	36	60	52.5	36	11.5	45	83	3.5	65	2½"	2½"	11
GPT02-EV10/8FI030	36	60	52.5	36	11.5	45	83	3.5	65	2½"	2½"	11
GPT02-EV10/9FI030	36	60	52.5	36	11.5	45	83	3.5	65	2½"	2½"	11
GPT02-EV10/10FI040	36	60	52.5	36	11.5	45	83	3.5	65	2½"	2½"	11
GPT02-EV10/11FI040	36	60	52.5	36	11.5	45	83	3.5	65	2½"	2½"	11
GPT02-EV10/12FI040	36	60	52.5	36	11.5	45	83	3.5	65	2½"	2½"	11
GPT02-EV10/13FI040	36	60	52.5	36	11.5	45	83	3.5	65	2½"	2½"	11
GPT02-EV10/15FI055	36	60	52.5	36	11.5	45	83	3.5	65	2½"	2½"	11
GPT02-EV15/3FI030	36	60	52.5	38.5	12.5	48.5	83	3.5	65	3"	3"	12
GPT02-EV15/4FI040	36	60	52.5	38.5	12.5	48.5	83	3.5	65	3"	3"	12
GPT02-EV15/5FI040	36	60	52.5	38.5	12.5	48.5	83	3.5	65	3"	3"	12
GPT02-EV15/6FI055	36	60	52.5	38.5	12.5	48.5	83	3.5	65	3"	3"	12
GPT02-EV15/7FI055	36	60	52.5	38.5	12.5	48.5	83	3.5	65	3"	3"	12
GPT02-EV15/8FI075	36	60	52.5	38.5	12.5	48.5	115	3.5	65	3"	3"	12
GPT02-EV15/9FI075	36	60	52.5	38.5	12.5	48.5	115	3.5	65	3"	3"	12
GPT02-EV15/10FI110	36	60	52.5	38.5	12.5	48.5	115	3.5	65	3"	3"	12



Dimensions

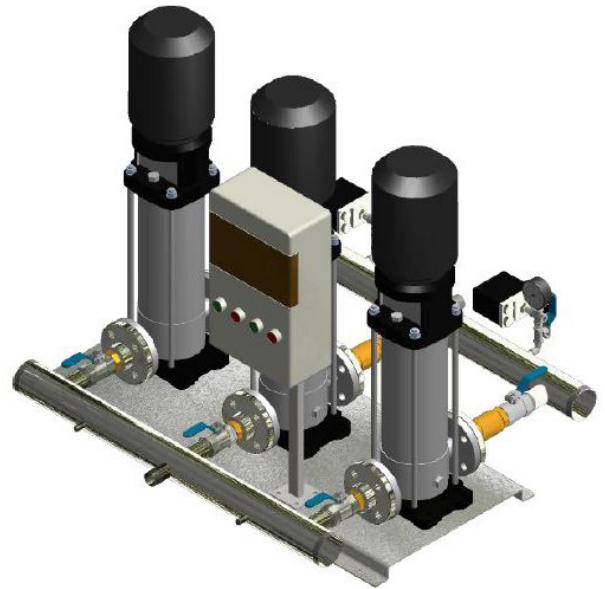
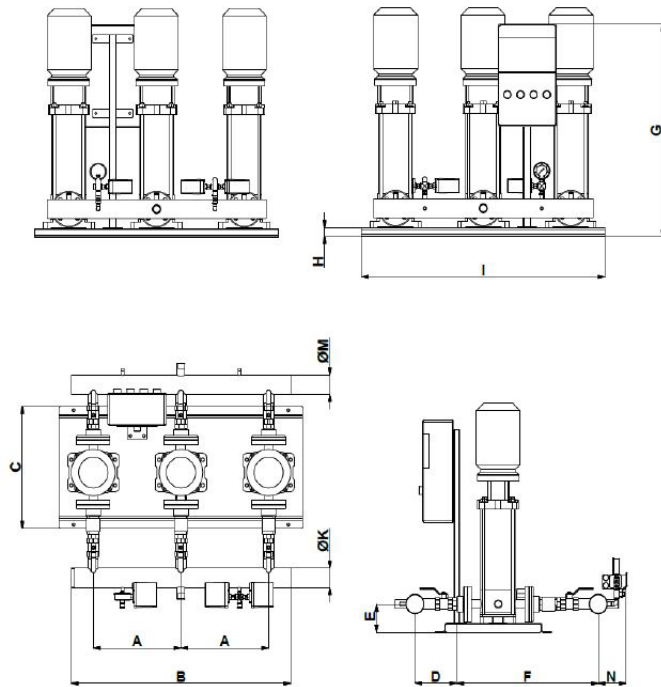


Dimensions

GPT03-EV BOOSTER SET with 3 single-phase 230V electric pumps													
Model	A (cm)	B (cm)	C (cm)	D (cm)	E (cm)	F (cm)	G (cm)	H (cm)	I (cm)	J (cm)	K Ø	M Ø	N (cm)
GPT03-EV3/4FI003	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GPT03-EV3/5FI005	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GPT03-EV3/6FI005	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GPT03-EV3/7FI007	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GPT03-EV3/8FI007	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GPT03-EV3/9FI007	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GPT03-EV3/10FI011	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GPT03-EV3/11FI011	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GPT03-EV3/12FI011	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GPT03-EV3/13FI011	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GPT03-EV3/14FI015	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GPT03-EV3/15FI015	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GPT03-EV3/16FI015	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GPT03-EV3/17FI015	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GPT03-EV3/18FI022	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GPT03-EV3/19FI022	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GPT03-EV3/21FI022	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GPT03-EV6/5FI007	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GPT03-EV6/6FI007	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GPT03-EV6/7FI011	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GPT03-EV6/8FI011	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GPT03-EV6/9FI011	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GPT03-EV6/10FI015	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GPT03-EV6/11FI015	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GPT03-EV6/12FI015	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GPT03-EV6/13FI015	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GPT03-EV6/14FI022	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GPT03-EV6/15FI022	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GPT03-EV6/16FI022	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GPT03-EV6/17FI022	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GPT03-EV6/18FI022	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GPT03-EV6/19FI022	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GPT03-EV6/20FI030	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GPT03-EV6/21FI030	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GPT03-EV10/3FI011	34	90	47.5	36	11.5	45	83	3.5	100	11.5	3"	3"	10.6
GPT03-EV10/4FI015	34	90	47.5	36	11.5	45	83	3.5	100	11.5	3"	3"	10.6
GPT03-EV10/5FI015	34	90	47.5	36	11.5	45	83	3.5	100	11.5	3"	3"	10.6
GPT03-EV10/6FI022	34	90	47.5	36	11.5	45	83	3.5	100	11.5	3"	3"	10.6
GPT03-EV10/7FI022	34	90	47.5	36	11.5	45	83	3.5	100	11.5	3"	3"	10.6
GPT03-EV10/8FI030	34	90	47.5	36	11.5	45	83	3.5	100	11.5	3"	3"	10.6
GPT03-EV10/9FI030	34	90	47.5	36	11.5	45	83	3.5	100	11.5	3"	3"	10.6
GPT03-EV10/10FI040	34	90	47.5	36	11.5	45	83	3.5	100	11.5	3"	3"	10.6
GPT03-EV10/11FI040	34	90	47.5	36	11.5	45	83	3.5	100	11.5	3"	3"	10.6
GPT03-EV10/12FI040	34	90	47.5	36	11.5	45	83	3.5	100	11.5	3"	3"	10.6
GPT03-EV10/13FI040	34	90	47.5	36	11.5	45	83	3.5	100	11.5	3"	3"	10.6
GPT03-EV10/15FI055	34	90	47.5	36	11.5	45	83	3.5	100	11.5	3"	3"	10.6
GPT03-EV15/3FI030	34	90	47.5	38.5	12.5	48.5	83	3.5	100	12.5	3"	3"	10.6
GPT03-EV15/4FI040	34	90	47.5	38.5	12.5	48.5	83	3.5	100	12.5	3"	3"	10.6
GPT03-EV15/5FI040	34	90	47.5	38.5	12.5	48.5	83	3.5	100	12.5	3"	3"	10.6
GPT03-EV15/6FI055	34	90	47.5	38.5	12.5	48.5	83	3.5	100	12.5	3"	3"	10.6
GPT03-EV15/7FI055	34	90	47.5	38.5	12.5	48.5	83	3.5	100	12.5	3"	3"	10.6
GPT03-EV15/8FI075	34	90	47.5	38.5	12.5	48.5	83	3.5	100	12.5	3"	3"	10.6
GPT03-EV15/9FI075	34	90	47.5	38.5	12.5	48.5	83	3.5	100	12.5	3"	3"	10.6
GPT03-EV15/10FI110	34	90	47.5	38.5	12.5	48.5	83	3.5	100	12.5	3"	3"	10.6



Dimensions

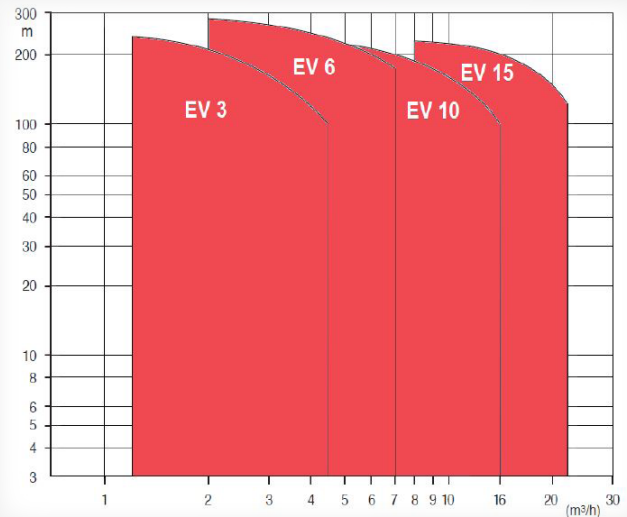


✓ **GVT02-EV and GVT03-EV**

Variable speed three-phase booster sets equipped with 2 or 3 EV electric pumps, controlled by a VACON® 100 FLOW inverter with regulated pump rotation.

EV electric pumps

- In-line suction and discharge outlet: standard round flange
- Maximum flow rate 120 m³/h
- Maximum pressure 32 bar
- Working temperature of the liquid between -15°C and +120°C
- For power ratings > 4kW (motor >30kg), the mechanical seal can be replaced without removing the motor
- Bearings
 - *Upper* (motor coupling flange) oversized which protects the motor bearing and minimises the pump's axial stress
 - *Intermediate* made of tungsten carbide to stabilise the shaft and prevent vibration
 - *Lower* made of tungsten carbide shaft (for EV30-95)
- Mechanical seal in silicon carbide/graphite/EPDM
- AISI 316 stainless steel. Balancing for EV30-95
- Three-phase motor
 - Lafert/AEG IE3
- IP55 protection, maximum ambient temperature 40°C and class F insulation
- Motor coupling
 - ≤ 4kW B14 type
 - ≥ 5.5kW B5 type





Materials

Base plate

- $\leq 200\text{kg}$. Omega type in 3mm zinc-plated steel
- $> 200\text{kg}$. Reinforced with HEB metal profiles.

Manifolds. AISI 304 (optional in AISI 316)

- $< 3''$ AISI 304 threaded (optional in AISI 316)
- $\geq 3''$ AISI 304 with flanges

Valves

Suction

- $< 3''$. Brass ball valve PN-25
- $\geq 3''$. Cast iron butterfly shut-off valve with metal seat and EPDM gasket

Discharge

- $< 3''$. Brass ball shut-off valve PN-25. Brass check valve with NBR gasket and AISI 304 spring
- $\geq 3''$. Cast iron butterfly shut-off valve with metal seat and EPDM gasket. Brass check valve with NBR gasket and AISI 304 spring

Electrical panel

Inverter. VACON® 100 FLOW

Protection. $\leq 25\text{A}$ thermal circuit breakers

Box

- IP55 with forced ventilation

Switchgear. Siemens

Selectors. MAN-0-AUT for all pumps and for operation, for inverter or pressure switches.

Pilot lights

- Start-up
- Thermal triggering
- Lack of water

Start

- $\leq 5.5\text{HP}$. Direct start
- 7.5HP . Direct start or star-triangle
- $> 7.5\text{HP}$. Star-triangle

Accessories

- Pressure transmitters 0-10 bar
- Adjustable differential pressure switches
- Glycerine pressure gauge



Data table

GVT02-EV BOOSTER SET with 2 three-phase 400V electric pumps						
Model	Electric pump	Power (kW)	Suction manifold ND	Discharge manifold ND	For 1 electric pump	
					Q (m³/h)	H (m)
GVT02-EV3/10FI011	EV3/10FIT	2 x 1.1	40 (1½")	40 (1½")	1.4 - 4.2	70 - 34
GVT02-EV3/11FI011	EV3/11FIT	2 x 1.1				77 - 37
GVT02-EV3/12FI011	EV3/12FIT	2 x 1.1				83 - 39
GVT02-EV3/13FI011	EV3/13FIT	2 x 1.1				90 - 42
GVT02-EV3/14FI015	EV3/14FIT	2 x 1.5				99 - 48
GVT02-EV3/15FI015	EV3/15FIT	2 x 1.5				105 - 51
GVT02-EV3/16FI015	EV3/16FIT	2 x 1.5				112 - 54
GVT02-EV3/17FI015	EV3/17FIT	2 x 1.5				118 - 56
GVT02-EV3/18FI022	EV3/18FIT	2 x 2.2				128 - 65
GVT02-EV3/19FI022	EV3/19FIT	2 x 2.2				135 - 68
GVT02-EV3/21FI022	EV3/21FIT	2 x 2.2				149 - 74
GVT02-EV6/7FI011	EV6/7FIT	2 x 1.1	50 (2")	50 (2")	2.8 - 7.2	47 - 25
GVT02-EV6/8FI011	EV6/8FIT	2 x 1.1				54 - 28
GVT02-EV6/9FI011	EV6/9FIT	2 x 1.1				60 - 31
GVT02-EV6/10FI015	EV6/10FIT	2 x 1.5				68 - 36
GVT02-EV6/11FI015	EV6/11FIT	2 x 1.5				75 - 39
GVT02-EV6/12FI015	EV6/12FIT	2 x 1.5				81 - 42
GVT02-EV6/13FI015	EV6/13FIT	2 x 1.5				87 - 45
GVT02-EV6/14FI022	EV6/14FIT	2 x 2.2				97 - 52
GVT02-EV6/15FI022	EV6/15FIT	2 x 2.2				103 - 55
GVT02-EV6/16FI022	EV6/16FIT	2 x 2.2				109 - 58
GVT02-EV6/17FI022	EV6/17FIT	2 x 2.2				116 - 61
GVT02-EV6/18FI022	EV6/18FIT	2 x 2.2				122 - 64
GVT02-EV6/19FI022	EV6/19FIT	2 x 2.2				128 - 67
GVT02-EV6/20FI030	EV6/20FIT	2 x 3				140 - 77
GVT02-EV6/21FI030	EV6/21FIT	2 x 3				146 - 80
GVT02-EV10/3FI011	EV10/3FIT	2 x 1.1	65 (2½")	65 (2½")	6 - 14	27 - 13
GVT02-EV10/4FI015	EV10/4FIT	2 x 1.5				37 - 18
GVT02-EV10/5FI015	EV10/5FIT	2 x 1.5				45 - 21
GVT02-EV10/6FI022	EV10/6FIT	2 x 2.2				55 - 27
GVT02-EV10/7FI022	EV10/7FIT	2 x 2.2				64 - 31
GVT02-EV10/8FI030	EV10/8FIT	2 x 3				75 - 38
GVT02-EV10/9FI030	EV10/9FIT	2 x 3				84 - 42
GVT02-EV10/10FI040	EV10/10FIT	2 x 4				96 - 49
GVT02-EV10/11FI040	EV10/11FIT	2 x 4				105 - 53
GVT02-EV10/12FI040	EV10/12FIT	2 x 4				114 - 57
GVT02-EV10/13FI040	EV10/13FIT	2 x 4				123 - 61
GVT02-EV10/15FI055	EV10/15FIT	2 x 5.5				142 - 72
GVT02-EV15/3FI030	EV15/3FIT	2 x 3	80 (3")	80 (3")	8 - 24	39 - 17
GVT02-EV15/4FI040	EV15/4FIT	2 x 4				52 - 23
GVT02-EV15/5FI040	EV15/5FIT	2 x 4				65 - 28
GVT02-EV15/6FI055	EV15/6FIT	2 x 5.5				79 - 36
GVT02-EV15/7FI055	EV15/7FIT	2 x 5.5				92 - 41
GVT02-EV15/8FI075	EV15/8FIT	2 x 7.5				106 - 49
GVT02-EV15/9FI075	EV15/9FIT	2 x 7.5				119 - 54
GVT02-EV15/10FI110	EV15/10FIT	2 x 11				134 - 65



Data table

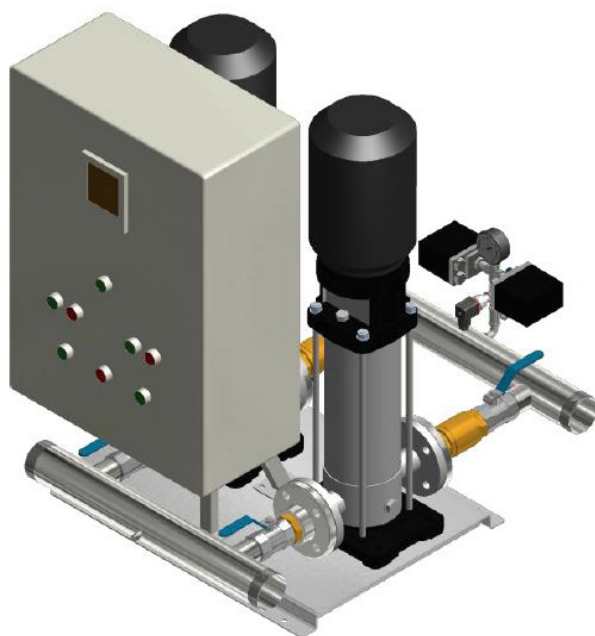
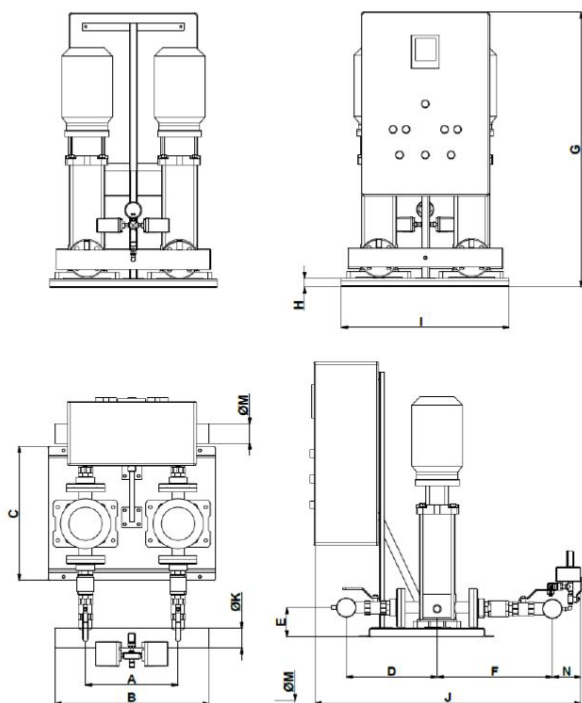
GVT03-EV BOOSTER SET with 3 three-phase 400V electric pumps						
Model	Electric pump	Power (kW)	Suction manifold ND	Discharge manifold ND	For 1 electric pump	
					Q (m³/h)	H (m)
GVT03-EV3/10FI011	EV3/10FIT	3 x 1.1	40 (1½")	40 (1½")	1.4 - 4.2	70 - 34
GVT03-EV3/11FI011	EV3/11FIT	3 x 1.1				77 - 37
GVT03-EV3/12FI011	EV3/12FIT	3 x 1.1				83 - 39
GVT03-EV3/13FI011	EV3/13FIT	3 x 1.1				90 - 42
GVT03-EV3/14FI015	EV3/14FIT	3 x 1.5				99 - 48
GVT03-EV3/15FI015	EV3/15FIT	3 x 1.5				105 - 51
GVT03-EV3/16FI015	EV3/16FIT	3 x 1.5				112 - 54
GVT03-EV3/17FI015	EV3/17FIT	3 x 1.5				118 - 56
GVT03-EV3/18FI022	EV3/18FIT	3 x 2.2				128 - 65
GVT03-EV3/19FI022	EV3/19FIT	3 x 2.2				135 - 68
GVT03-EV3/21FI022	EV3/21FIT	3 x 2.2				149 - 74
GVT03-EV6/7FI011	EV6/7FIT	3 x 1.1	50 (2")	50 (2")	2.8 - 7.2	47 - 25
GVT03-EV6/8FI011	EV6/8FIT	3 x 1.1				54 - 28
GVT03-EV6/9FI011	EV6/9FIT	3 x 1.1				60 - 31
GVT03-EV6/10FI015	EV6/10FIT	3 x 1.5				68 - 36
GVT03-EV6/11FI015	EV6/11FIT	3 x 1.5				75 - 39
GVT03-EV6/12FI015	EV6/12FIT	3 x 1.5				81 - 42
GVT03-EV6/13FI015	EV6/13FIT	3 x 1.5				87 - 45
GVT03-EV6/14FI022	EV6/14FIT	3 x 2.2				97 - 52
GVT03-EV6/15FI022	EV6/15FIT	3 x 2.2				103 - 55
GVT03-EV6/16FI022	EV6/16FIT	3 x 2.2				109 - 58
GVT03-EV6/17FI022	EV6/17FIT	3 x 2.2				116 - 61
GVT03-EV6/18FI022	EV6/18FIT	3 x 2.2				122 - 64
GVT03-EV6/19FI022	EV6/19FIT	3 x 2.2				128 - 67
GVT03-EV6/20FI030	EV6/20FIT	3 x 3				140 - 77
GVT03-EV6/21FI030	EV6/21FIT	3 x 3				146 - 80
GVT03-EV10/3FI011	EV10/3FIT	3 x 1.1	65 (2½")	65 (2½")	6 - 14	27 - 13
GVT03-EV10/4FI015	EV10/4FIT	3 x 1.5				37 - 18
GVT03-EV10/5FI015	EV10/5FIT	3 x 1.5				45 - 21
GVT03-EV10/6FI022	EV10/6FIT	3 x 2.2				55 - 27
GVT03-EV10/7FI022	EV10/7FIT	3 x 2.2				64 - 31
GVT03-EV10/8FI030	EV10/8FIT	3 x 3				75 - 38
GVT03-EV10/9FI030	EV10/9FIT	3 x 3				84 - 42
GVT03-EV10/10FI040	EV10/10FIT	3 x 4				96 - 49
GVT03-EV10/11FI040	EV10/11FIT	3 x 4				105 - 53
GVT03-EV10/12FI040	EV10/12FIT	3 x 4				114 - 57
GVT03-EV10/13FI040	EV10/13FIT	3 x 4				123 - 61
GVT03-EV10/15FI055	EV10/15FIT	3 x 5.5				142 - 72
GVT03-EV15/3FI030	EV15/3FIT	3 x 3	100 (4")	80 (3")	8 - 24	39 - 17
GVT03-EV15/4FI040	EV15/4FIT	3 x 4				52 - 23
GVT03-EV15/5FI040	EV15/5FIT	3 x 4				65 - 28
GVT03-EV15/6FI055	EV15/6FIT	3 x 5.5				79 - 36
GVT03-EV15/7FI055	EV15/7FIT	3 x 5.5				92 - 41
GVT03-EV15/8FI075	EV15/8FIT	3 x 7.5				106 - 49
GVT03-EV15/9FI075	EV15/9FIT	3 x 7.5				119 - 54
GVT03-EV15/10FI110	EV15/10FIT	3 x 11				134 - 65

Dimensions

GVT02-EV BOOSTER SET with 2 single-phase 230V electric pumps												
Model	A (cm)	B (cm)	C (cm)	D (cm)	E (cm)	F (cm)	G (cm)	H (cm)	I (cm)	K Ø	M Ø	N (cm)
GVT02-EV3/10FI011	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GVT02-EV3/11FI011	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GVT02-EV3/12FI011	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GVT02-EV3/13FI011	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GVT02-EV3/14FI015	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GVT02-EV3/15FI015	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GVT02-EV3/16FI015	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GVT02-EV3/17FI015	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GVT02-EV3/18FI022	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GVT02-EV3/19FI022	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GVT02-EV3/21FI022	36	60	37.5	31	11	38.7	83	3.5	60	1½"	1½"	9.5
GVT02-EV6/7FI011	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GVT02-EV6/8FI011	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GVT02-EV6/9FI011	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GVT02-EV6/10FI015	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GVT02-EV6/11FI015	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GVT02-EV6/12FI015	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GVT02-EV6/13FI015	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GVT02-EV6/14FI015	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GVT02-EV6/15FI022	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GVT02-EV6/16FI022	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GVT02-EV6/17FI022	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GVT02-EV6/18FI022	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GVT02-EV6/19FI022	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GVT02-EV6/20FI030	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GVT02-EV6/21FI030	36	60	37.5	32.5	11	41	83	3.5	60	2"	2"	10.2
GVT02-EV10/3FI011	36	60	52.5	36	11.5	45	115.5	3.5	65	2½"	2½"	11
GVT02-EV10/4FI015	36	60	52.5	36	11.5	45	115.5	3.5	65	2½"	2½"	11
GVT02-EV10/5FI015	36	60	52.5	36	11.5	45	115.5	3.5	65	2½"	2½"	11
GVT02-EV10/6FI022	36	60	52.5	36	11.5	45	83	3.5	65	2½"	2½"	11
GVT02-EV10/7FI022	36	60	52.5	36	11.5	45	83	3.5	65	2½"	2½"	11
GVT02-EV10/8FI030	36	60	52.5	36	11.5	45	83	3.5	65	2½"	2½"	11
GVT02-EV10/9FI030	36	60	52.5	36	11.5	45	83	3.5	65	2½"	2½"	11
GVT02-EV10/10FI040	36	60	52.5	36	11.5	45	83	3.5	65	2½"	2½"	11
GVT02-EV10/11FI040	36	60	52.5	36	11.5	45	83	3.5	65	2½"	2½"	11
GVT02-EV10/12FI040	36	60	52.5	36	11.5	45	83	3.5	65	2½"	2½"	11
GVT02-EV10/13FI040	36	60	52.5	36	11.5	45	83	3.5	65	2½"	2½"	11
GVT02-EV10/15FI055	36	60	52.5	36	11.5	45	83	3.5	65	2½"	2½"	11
GVT02-EV15/3FI030	36	60	52.5	38.5	12.5	48.5	83	3.5	65	3"	3"	12
GVT02-EV15/4FI040	36	60	52.5	38.5	12.5	48.5	83	3.5	65	3"	3"	12
GVT02-EV15/5FI040	36	60	52.5	38.5	12.5	48.5	83	3.5	65	3"	3"	12
GVT02-EV15/6FI055	36	60	52.5	38.5	12.5	48.5	83	3.5	65	3"	3"	12
GVT02-EV15/7FI055	36	60	52.5	38.5	12.5	48.5	83	3.5	65	3"	3"	12
GVT02-EV15/8FI075	36	60	52.5	38.5	12.5	48.5	115	3.5	65	3"	3"	12
GVT02-EV15/9FI075	36	60	52.5	38.5	12.5	48.5	115	3.5	65	3"	3"	12
GVT02-EV15/10FI110	36	60	52.5	38.5	12.5	48.5	115	3.5	65	3"	3"	12



Dimensions

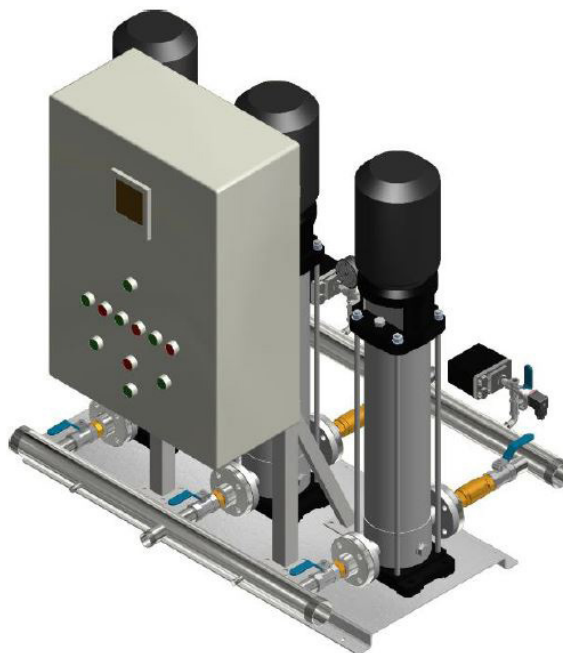
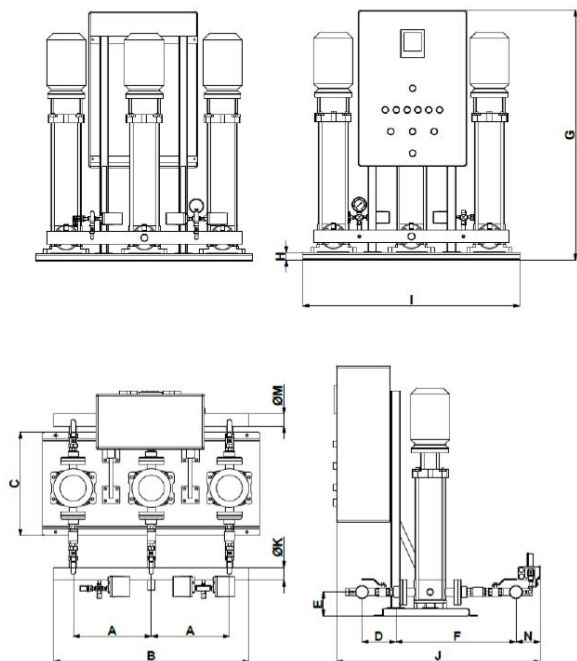


Dimensions

GVT03-EV BOOSTER SET with 3 single-phase 230V electric pumps													
Model	A (cm)	B (cm)	C (cm)	D (cm)	E (cm)	F (cm)	G (cm)	H (cm)	I (cm)	J (cm)	K Ø	M Ø	N (cm)
GVT03-EV3/10FI011	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GVT03-EV3/11FI011	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GVT03-EV3/12FI011	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GVT03-EV3/13FI011	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GVT03-EV3/14FI015	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GVT03-EV3/15FI015	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GVT03-EV3/16FI015	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GVT03-EV3/17FI015	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GVT03-EV3/18FI022	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GVT03-EV3/19FI022	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GVT03-EV3/21FI022	34	90	47.5	31	11	38.7	83	3.5	100	11	2"	2"	10.6
GVT03-EV6/7FI011	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GVT03-EV6/8FI011	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GVT03-EV6/9FI011	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GVT03-EV6/10FI015	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GVT03-EV6/11FI015	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GVT03-EV6/12FI015	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GVT03-EV6/13FI015	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GVT03-EV6/14FI022	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GVT03-EV6/15FI022	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GVT03-EV6/16FI022	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GVT03-EV6/17FI022	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GVT03-EV6/18FI022	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GVT03-EV6/19FI022	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GVT03-EV6/20FI030	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GVT03-EV6/21FI030	34	90	47.5	32.5	11	41	83	3.5	100	11	2½"	2½"	10.6
GVT03-EV10/3FI011	34	90	47.5	36	11.5	45	83	3.5	100	11.5	3"	3"	10.6
GVT03-EV10/4FI015	34	90	47.5	36	11.5	45	83	3.5	100	11.5	3"	3"	10.6
GVT03-EV10/5FI015	34	90	47.5	36	11.5	45	83	3.5	100	11.5	3"	3"	10.6
GVT03-EV10/6FI022	34	90	47.5	36	11.5	45	83	3.5	100	11.5	3"	3"	10.6
GVT03-EV10/7FI022	34	90	47.5	36	11.5	45	83	3.5	100	11.5	3"	3"	10.6
GVT03-EV10/8FI030	34	90	47.5	36	11.5	45	83	3.5	100	11.5	3"	3"	10.6
GVT03-EV10/9FI030	34	90	47.5	36	11.5	45	83	3.5	100	11.5	3"	3"	10.6
GVT03-EV10/10FI040	34	90	47.5	36	11.5	45	83	3.5	100	11.5	3"	3"	10.6
GVT03-EV10/11FI040	34	90	47.5	36	11.5	45	83	3.5	100	11.5	3"	3"	10.6
GVT03-EV10/12FI040	34	90	47.5	36	11.5	45	83	3.5	100	11.5	3"	3"	10.6
GVT03-EV10/13FI040	34	90	47.5	36	11.5	45	83	3.5	100	11.5	3"	3"	10.6
GVT03-EV10/15FI055	34	90	47.5	36	11.5	45	83	3.5	100	11.5	3"	3"	10.6
GVT03-EV15/3FI030	34	90	47.5	38.5	12.5	48.5	83	3.5	100	12.5	3"	3"	10.6
GVT03-EV15/4FI040	34	90	47.5	38.5	12.5	48.5	83	3.5	100	12.5	3"	3"	10.6
GVT03-EV15/5FI040	34	90	47.5	38.5	12.5	48.5	83	3.5	100	12.5	3"	3"	10.6
GVT03-EV15/6FI055	34	90	47.5	38.5	12.5	48.5	83	3.5	100	12.5	3"	3"	10.6
GVT03-EV15/7FI055	34	90	47.5	38.5	12.5	48.5	83	3.5	100	12.5	3"	3"	10.6
GVT03-EV15/8FI075	34	90	47.5	38.5	12.5	48.5	83	3.5	100	12.5	3"	3"	10.6
GVT03-EV15/9FI075	34	90	47.5	38.5	12.5	48.5	83	3.5	100	12.5	3"	3"	10.6
GVT03-EV15/10FI110	34	90	47.5	38.5	12.5	48.5	83	3.5	100	12.5	3"	3"	10.6



Dimensions



✓ GLT01-EV

Compact three-phase booster sets to work at constant pressure by means of variable speed equipped with an EV electric pump, controlled by a LKD4000L built-in inverter. Supplied without suction and discharge manifolds.

EV electric pumps

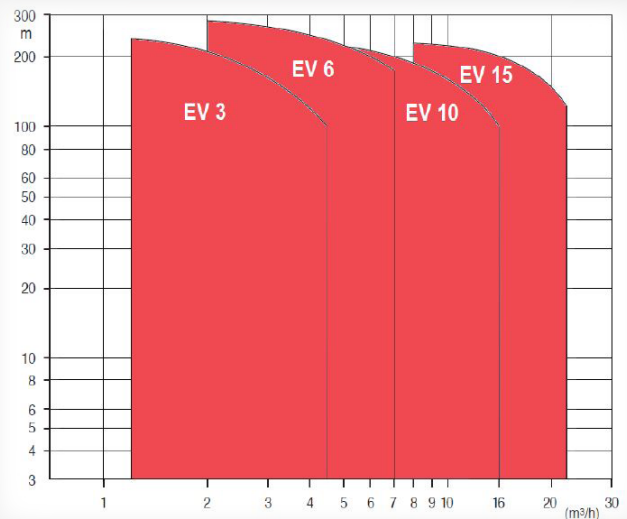
- In-line suction and discharge outlet: standard round flange
- Maximum flow rate 24 m³/h
- Maximum pressure 16 bar
- Working temperature of the liquid between -15°C and +120°C
- For power ratings > 4kW (motor >30kg), the mechanical seal can be replaced without removing the motor
- Bearings
 - *Upper* (motor coupling flange) oversized which protects the motor bearing and minimises the pump's axial stress
 - *Intermediate* made of tungsten carbide to stabilise the shaft and prevent vibration
 - *Lower* made of tungsten carbide shaft (for EV30-95)
- Mechanical seal in silicon carbide/graphite/EPDM
- AISI 316 stainless steel. Balancing for EV30-95
- Three-phase motor
 - Lafert/AEG IE3
- IP55 protection, maximum ambient temperature 40°C and class F insulation
- Motor coupling
 - ≤ 4kW B14 type
 - ≥ 5.5kW B5 type

Start

- Via ramp

Accessories

- Pressure transmitters 0-10 bar
- Glycerine pressure gauge





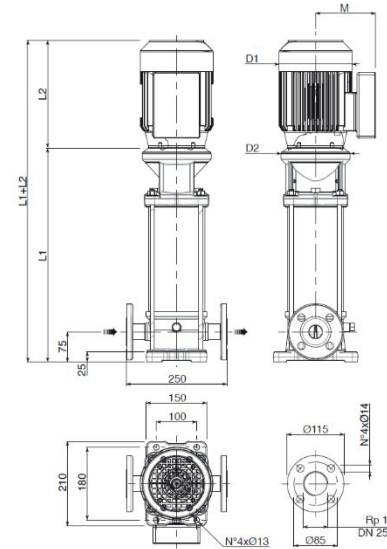
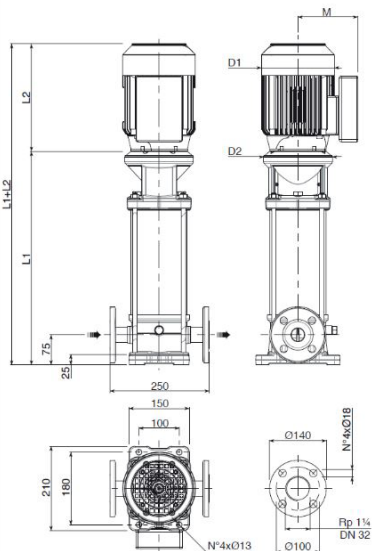
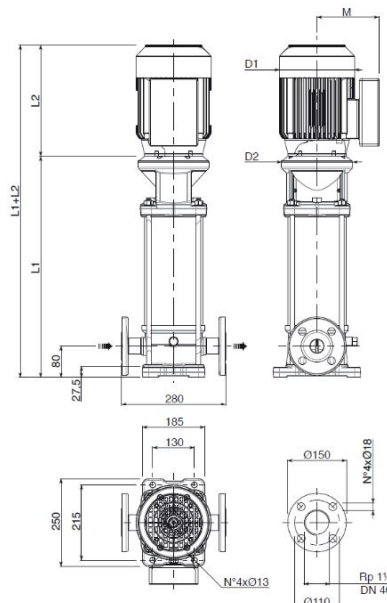
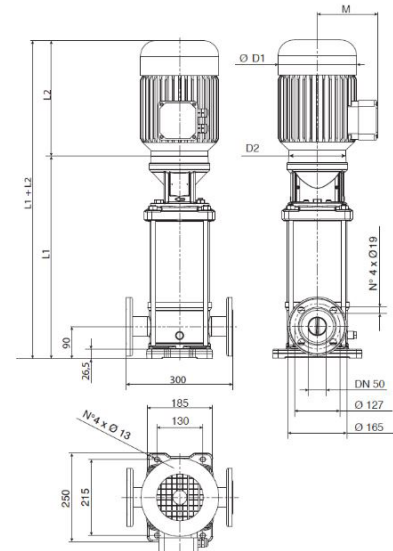
Data table

GLT01-EV BOOSTER SET with 1 three-phase 400V electric pump								
Model	Electric pump	Power (kW)	Motor size	Inverter reference	Suc. Ø	Dis. Ø	Q (m³/h)	H (m)
GLT01-EV3/18FI022	EV3/18FIT	2.2	IEC 90	LKD4500L022	DN 25	DN 25	1.4 – 4.2	128 - 65
GLT01-EV3/19FI022	EV3/19FIT	2.2	IEC 90	LKD4500L022	DN 25	DN 25		135 - 68
GLT01-EV3/21FI022	EV3/21FIT	2.2	IEC 90	LKD4500L022	DN 25	DN 25		149 - 74
GLT01-EV6/14FI022	EV6/14FIT	2.2	IEC 90	LKD4500L022	DN 32	DN 32	2.8 – 7.2	97 - 52
GLT01-EV6/15FI022	EV6/15FIT	2.2	IEC 90	LKD4500L022	DN 32	DN 32		103 - 55
GLT01-EV6/16FI022	EV6/16FIT	2.2	IEC 90	LKD4500L022	DN 32	DN 32		109 - 58
GLT01-EV6/17FI022	EV6/17FIT	2.2	IEC 90	LKD4500L022	DN 32	DN 32		116 - 61
GLT01-EV6/18FI022	EV6/18FIT	2.2	IEC 90	LKD4500L022	DN 32	DN 32		122 - 64
GLT01-EV6/19FI022	EV6/19FIT	2.2	IEC 90	LKD4500L022	DN 32	DN 32		128 - 67
GLT01-EV6/20FI030	EV6/20FIT	3	IEC 100	LKD4500L037	DN 32	DN 32		140 - 77
GLT01-EV6/21FI030	EV6/21FIT	3	IEC 90	LKD4500L037	DN 32	DN 32		146 - 80
GLT01-EV10/6FI022	EV10/6FIT	2.2	IEC 90	LKD4500L022	DN 40	DN 40	6 - 14	55 - 27
GLT01-EV10/7FI022	EV10/7FIT	2.2	IEC 90	LKD4500L022	DN 40	DN 40		64 - 31
GLT01-EV10/8FI030	EV10/8FIT	3	IEC 100	LKD4500L037	DN 40	DN 40		75 - 38
GLT01-EV10/9FI030	EV10/9FIT	3	IEC 100	LKD4500L037	DN 40	DN 40		84 - 42
GLT01-EV10/10FI040	EV10/10FIT	4	IEC 112	LKD4500L055	DN 40	DN 40		96 - 49
GLT01-EV10/11FI040	EV10/11FIT	4	IEC 112	LKD4500L055	DN 40	DN 40		105 - 53
GLT01-EV10/12FI040	EV10/12FIT	4	IEC 112	LKD4500L055	DN 40	DN 40		114 - 57
GLT01-EV10/13FI040	EV10/13FIT	4	IEC 112	LKD4500L055	DN 40	DN 40		123 - 61
GLT01-EV10/15FI055	EV10/15FIT	5.5	IEC 132	LKD4500L055	DN 40	DN 40		142 - 72
GLT01-EV15/3FI030	EV15/3FIT	3	IEC 90	LKD4500L037	DN 50	DN 50	8 - 24	39 - 17
GLT01-EV15/4FI040	EV15/4FIT	4	IEC 112	LKD4500L055	DN 50	DN 50		52 - 23
GLT01-EV15/5FI040	EV15/5FIT	4	IEC 112	LKD4500L055	DN 50	DN 50		65 - 28
GLT01-EV15/6FI055	EV15/6FIT	5.5	IEC 132	LKD4500L055	DN 50	DN 50		79 - 36
GLT01-EV15/7FI055	EV15/7FIT	5.5	IEC 132	LKD4500L055	DN 50	DN 50		92 - 41
GLT01-EV15/8FI075	EV15/8FIT	7.5	IEC 132	LKD4500L075	DN 50	DN 50		106 - 49
GLT01-EV15/9FI075	EV15/9FIT	7.5	IEC 132	LKD4500L075	DN 50	DN 50		119 - 54
GLT01-EV15/10FI110	EV15/10FIT	11	IEC 160	LKD4500L110	DN 50	DN 50		134 - 65

Dimensions

GLT01-EV BOOSTER SET with 1 three-phase 400V electric pump

Model	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	L5 (mm)	M (mm)	D1 (mm)	D2 (mm)
GLT01-EV3/18FI022	628.5	267	657.5	657.5	657.5	138	180	170
GLT01-EV3/19FI022	705	267	680	680	680	138	180	170
GLT01-EV3/21FI022	750	267	725	725	725	138	180	170
GLT01-EV6/14FI022	641.5	267	616.5	616.5	616.5	138	180	170
GLT01-EV6/15FI022	667.5	267	642.5	642.5	642.5	138	180	170
GLT01-EV6/16FI022	693.5	267	668.5	668.5	668.5	138	180	170
GLT01-EV6/17FI022	719.5	267	694.5	694.5	694.5	138	180	170
GLT01-EV6/18FI022	745.5	267	720.5	720.5	720.5	138	180	170
GLT01-EV6/19FI022	771.5	267	746.5	746.5	746.5	138	180	170
GLT01-EV6/20FI030	807.5	290	782.5	782.5	782.5	138	180	170
GLT01-EV6/21FI030	833.5	290	808.5	808.5	808.5	138	180	170
GLT01-EV10/6FI022	477.5	267	477.5	477.5	477.5	138	180	170
GLT01-EV10/7FI022	507.5	267	507.5	507.5	507.5	138	180	170
GLT01-EV10/8FI030	547.5	290	547.5	547.5	547.5	138	180	170
GLT01-EV10/9FI030	577.5	290	577.5	577.5	577.5	138	180	170
GLT01-EV10/10FI040	607.5	306	607.5	607.5	607.5	145	196	170
GLT01-EV10/11FI040	637.5	306	637.5	637.5	637.5	145	196	170
GLT01-EV10/12FI040	667.5	306	667.5	667.5	667.5	145	196	170
GLT01-EV10/13FI040	697.5	306	697.5	697.5	697.5	145	196	170
GLT01-EV10/15FI055	933	328	933	933	933	161	225	300
GLT01-EV15/3FI030	473	267	473	473	473	138	180	170
GLT01-EV15/4FI040	521	306	521	521	521	145	196	170
GLT01-EV15/5FI040	569	306	569	569	569	145	196	170
GLT01-EV15/6FI055	804	328	804	804	804	161	225	300
GLT01-EV15/7FI055	852	328	852	852	852	161	225	300
GLT01-EV15/8FI075	900	350	900	900	900	161	225	300
GLT01-EV15/9FI075	948	350	948	948	948	161	225	300
GLT01-EV15/10FI110	1016	425	1016	1016	1016	198	248	350

GLT01-EV3

GLT01-EV6

GLT01-EV10

GLT01-EV15


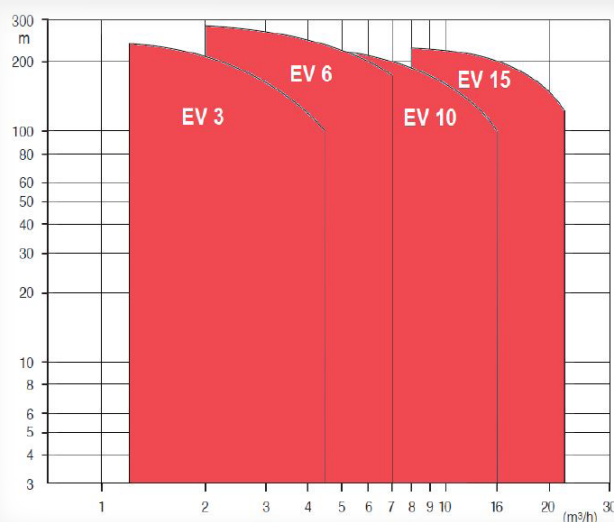


✓ GLT02-EV and GLT03-EV

Variable speed three-phase booster sets equipped with 2 or 3 EV electric pumps, controlled by a LKD4000L built-in inverter per pump, Multimaster system with rotation of the main pump.

EV electric pumps

- In-line suction and discharge outlet: standard round flange
- Maximum flow rate 120 m³/h
- Maximum pressure 32 bar
- Working temperature of the liquid between -15°C and +120°C
- For power ratings > 4kW (motor >30kg), the mechanical seal can be replaced without removing the motor
- Bearings
 - *Upper* (motor coupling flange) oversized which protects the motor bearing and minimises the pump's axial stress
 - *Intermediate* made of tungsten carbide to stabilise the shaft and prevent vibration
 - *Lower* made of tungsten carbide shaft (for EV30-95)
- Mechanical seal in silicon carbide/graphite/EPDM
- AISI 316 stainless steel. Balancing for EV30-95
- Three-phase motor
 - Lafert/AEG IE3
- IP55 protection, maximum ambient temperature 40°C and class F insulation
- Motor coupling
 - ≤ 4kW B14 type
 - ≥ 5.5kW B5 type



Materials

Base plate

- $\leq 200\text{kg}$. Omega type in 3mm zinc-plated steel
- $> 200\text{kg}$. Reinforced with HEB metal profiles

Manifolds. AISI 304 (optional in AISI 316)

- $< 3''$ AISI 304 threaded (optional in AISI 316)
- $\geq 3''$ AISI 304 with flanges

Valves

Suction

- $< 3''$. Brass ball valve PN-25
- $\geq 3''$. Cast iron butterfly shut-off valve with metal seat and EPDM gasket

Discharge

- $< 3''$. Brass ball shut-off valve PN-25. Brass check valve with NBR gasket and AISI 304 spring
- $\geq 3''$. Cast iron butterfly shut-off valve with metal seat and EPDM gasket. Brass check valve with NBR gasket and AISI 304 spring

Electrical panel

Inverter

- LKD4000L

Protection

- From the main pump via inverter
- Thermomagnetic circuit breaker per inverter

Box

- IP65

Start

- Via ramp

Accessories

- Pressure transmitters 0-10 bar
- Glycerine pressure gauge





Data table

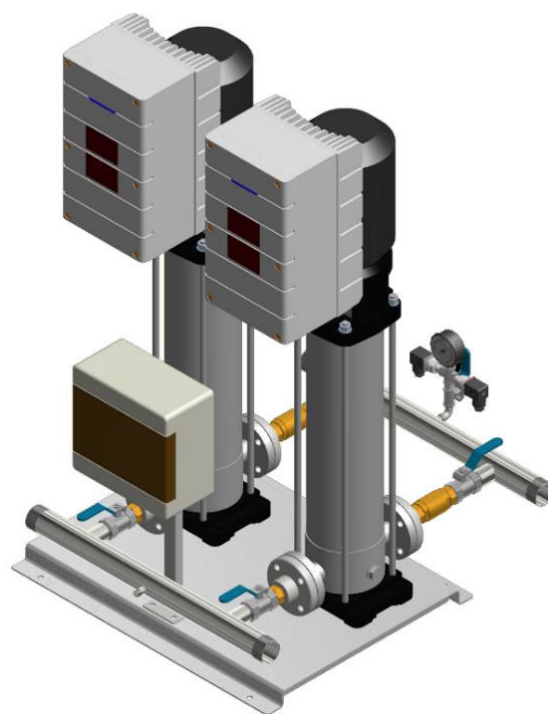
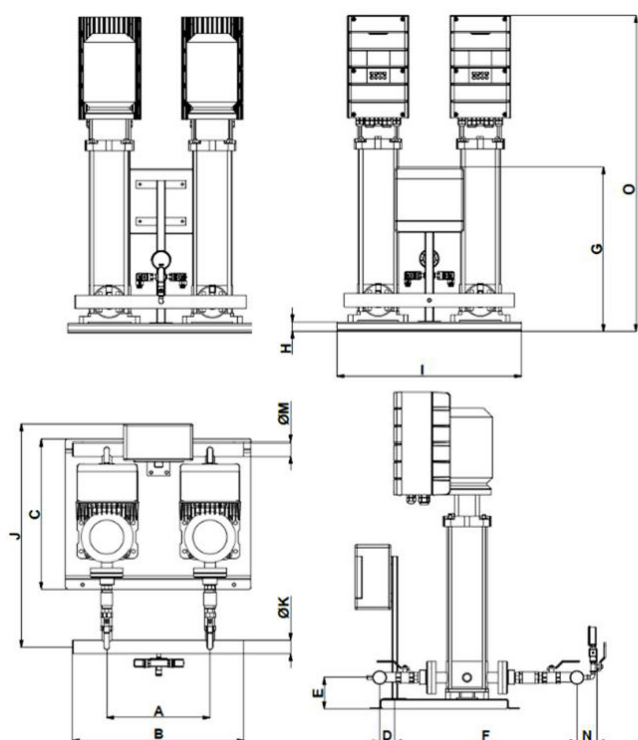
GLT02-EV BOOSTER SET with 2 three-phase 400V electric pumps						
Model	Electric pump	Power (kW)	Suction manifold ND	Discharge manifold ND	For 1 electric pump	
					Q (m³/h)	H (m)
GLT02-EV3/18FI022	EV3/18FIT	2 x 2.2	40 (1½")	40 (1½")	1.4 – 4.2	128 - 65
GLT02-EV3/19FI022	EV3/19FIT	2 x 2.2				135 - 68
GLT02-EV3/21FI022	EV3/21FIT	2 x 2.2				149 - 74
GLT02-EV6/14FI022	EV6/14FIT	2 x 2.2	50 (2")	50 (2")	2.8 - 7.2	97 - 52
GLT02-EV6/15FI022	EV6/15FIT	2 x 2.2				103 - 55
GLT02-EV6/16FI022	EV6/16FIT	2 x 2.2				109 - 58
GLT02-EV6/17FI022	EV6/17FIT	2 x 2.2				116 - 61
GLT02-EV6/18FI022	EV6/18FIT	2 x 2.2				122 - 64
GLT02-EV6/19FI022	EV6/19FIT	2 x 2.2				128 - 67
GLT02-EV6/20FI030	EV6/20FIT	2 x 3				140 - 77
GLT02-EV6/21FI030	EV6/21FIT	2 x 3				146 - 80
GLT02-EV10/6FI022	EV10/6FIT	2 x 2.2	65 (2½")	65 (2½")	6 - 14	55 - 27
GLT02-EV10/7FI022	EV10/7FIT	2 x 2.2				64 - 31
GLT02-EV10/8FI030	EV10/8FIT	2 x 3				75 - 38
GLT02-EV10/9FI030	EV10/9FIT	2 x 3				84 - 42
GLT02-EV10/10FI040	EV10/10FIT	2 x 4				96 - 49
GLT02-EV10/11FI040	EV10/11FIT	2 x 4				105 - 53
GLT02-EV10/12FI040	EV10/12FIT	2 x 4				114 - 57
GLT02-EV10/13FI040	EV10/13FIT	2 x 4				123 - 61
GLT02-EV10/15FI055	EV10/15FIT	2 x 5.5				142 - 72
GLT02-EV15/3FI030	EV15/3FIT	2 x 3	100 (4")	80 (3")	8 - 24	39 - 17
GLT02-EV15/4FI040	EV15/4FIT	2 x 4				52 - 23
GLT02-EV15/5FI040	EV15/5FIT	2 x 4				65 - 28
GLT02-EV15/6FI055	EV15/6FIT	2 x 5.5				79 - 36
GLT02-EV15/7FI055	EV15/7FIT	2 x 5.5				92 - 41
GLT02-EV15/8FI075	EV15/8FIT	2 x 7.5				106 - 49
GLT02-EV15/9FI075	EV15/9FIT	2 x 7.5				119 - 54
GLT02-EV15/10FI110	EV15/10FIT	2 x 11				134 - 65

GLT03-EV BOOSTER SET with 3 three-phase 400V electric pumps						
Model	Electric pump	Power (kW)	Suction manifold ND	Discharge manifold ND	For 1 electric pump	
					Q (m³/h)	H (m)
GLT03-EV3/18FI022	EV3/18FIT	3 x 2.2	40 (1½")	40 (1½")	1.4 – 4.2	128 - 65
GLT03-EV3/19FI022	EV3/19FIT	3 x 2.2				135 - 68
GLT03-EV3/21FI022	EV3/21FIT	3 x 2.2				149 - 74
GLT03-EV6/14FI022	EV6/14FIT	3 x 2.2	50 (2")	50 (2")	2.8 - 7.2	97 - 52
GLT03-EV6/15FI022	EV6/15FIT	3 x 2.2				103 - 55
GLT03-EV6/16FI022	EV6/16FIT	3 x 2.2				109 - 58
GLT03-EV6/17FI022	EV6/17FIT	3 x 2.2				116 - 61
GLT03-EV6/18FI022	EV6/18FIT	3 x 2.2				122 - 64
GLT03-EV6/19FI022	EV6/19FIT	3 x 2.2				128 - 67
GLT03-EV6/20FI030	EV6/20FIT	3 x 3				140 - 77
GLT03-EV6/21FI030	EV6/21FIT	3 x 3				146 - 80
GLT03-EV10/6FI022	EV10/6FIT	3 x 2.2	65 (2½")	65 (2½")	6 - 14	55 - 27
GLT03-EV10/7FI022	EV10/7FIT	3 x 2.2				64 - 31
GLT03-EV10/8FI030	EV10/8FIT	3 x 3				75 - 38
GLT03-EV10/9FI030	EV10/9FIT	3 x 3				84 - 42
GLT03-EV10/10FI040	EV10/10FIT	3 x 4				96 - 49
GLT03-EV10/11FI040	EV10/11FIT	3 x 4				105 - 53
GLT03-EV10/12FI040	EV10/12FIT	3 x 4				114 - 57
GLT03-EV10/13FI040	EV10/13FIT	3 x 4				123 - 61
GLT03-EV10/15FI055	EV10/15FIT	3 x 5.5				142 - 72
GLT03-EV15/3FI030	EV15/3FIT	3 x 3	100 (4")	80 (3")	8 - 24	39 - 17
GLT03-EV15/4FI040	EV15/4FIT	3 x 4				52 - 23
GLT03-EV15/5FI040	EV15/5FIT	3 x 4				65 - 28
GLT03-EV15/6FI055	EV15/6FIT	3 x 5.5				79 - 36
GLT03-EV15/7FI055	EV15/7FIT	3 x 5.5				92 - 41
GLT03-EV15/8FI075	EV15/8FIT	3 x 7.5				106 - 49
GLT03-EV15/9FI075	EV15/9FIT	3 x 7.5				119 - 54
GLT03-EV15/10FI110	EV15/10FIT	3 x 11				134 - 65

Dimensions

GLT02-EV BOOSTER SET with 2 three-phase 400V electric pumps

Model	A (cm)	B (cm)	C (cm)	D (cm)	E (cm)	F (cm)	G (cm)	H (cm)	I (cm)	J (cm)	K Ø	M Ø	N (cm)	O (cm)
GLT02-EV3/18FI022	36	60	52.5	31	11	38.7	58	3.5	65	78	1½"	1½"	7	98.2
GLT02-EV3/19FI022	36	60	52.5	31	11	38.7	58	3.5	65	78	1½"	1½"	7	100.8
GLT02-EV3/21FI022	36	60	52.5	31	11	38.7	58	3.5	65	78	1½"	1½"	7	105.2
GLT02-EV6/14FI022	36	60	52.5	32.5	11	41	58	3.5	65	80	2"	2"	7.5	104
GLT02-EV6/15FI022	36	60	52.5	32.5	11	41	58	3.5	65	80	2"	2"	7.5	97
GLT02-EV6/16FI022	36	60	52.5	32.5	11	41	58	3.5	65	80	2"	2"	7.5	99.6
GLT02-EV6/17FI022	36	60	52.5	32.5	11	41	58	3.5	65	80	2"	2"	7.5	102.2
GLT02-EV6/18FI022	36	60	52.5	32.5	11	41	58	3.5	65	80	2"	2"	7.5	105
GLT02-EV6/19FI022	36	60	52.5	32.5	11	41	58	3.5	65	80	2"	2"	7.5	107.5
GLT02-EV6/20FI030	36	60	52.5	32.5	11	41	58	3.5	65	80	2"	2"	7.5	115
GLT02-EV6/21FI030	36	60	52.5	32.5	11	41	58	3.5	65	80	2"	2"	7.5	117.5
GLT02-EV10/6FI022	36	60	52.5	36	11.5	45	58	3.5	65	87	2½"	2½"	8	64
GVT02-EV10/7FI022	36	60	52.5	36	11.5	45	58	3.5	65	87	2½"	2½"	8	77.3
GVT02-EV10/8FI030	36	60	52.5	36	11.5	45	58	3.5	65	87	2½"	2½"	8	80.3
GVT02-EV10/9FI030	36	60	52.5	36	11.5	45	58	3.5	65	87	2½"	2½"	8	88
GVT02-EV10/10FI040	36	60	52.5	36	11.5	45	58	3.5	65	87	2½"	2½"	8	91.2
GVT02-EV10/11FI040	36	60	52.5	36	11.5	45	58	3.5	65	87	2½"	2½"	8	94.2
GVT02-EV10/12FI040	36	60	52.5	36	11.5	45	58	3.5	65	87	2½"	2½"	8	97.2
GVT02-EV10/13FI040	36	60	52.5	36	11.5	45	58	3.5	65	87	2½"	2½"	8	100
GVT02-EV10/15FI055	36	60	52.5	36	11.5	45	58	3.5	65	87	2½"	2½"	8	104
GVT02-EV15/3FI030	36	60	52.5	38.5	12.5	48.5	58	3.5	65	87.5	3"	3"	8.5	81
GVT02-EV15/4FI040	36	60	52.5	38.5	12.5	48.5	58	3.5	65	87.5	3"	3"	8.5	86
GVT02-EV15/5FI040	36	60	52.5	38.5	12.5	48.5	58	3.5	65	87.5	3"	3"	8.5	91
GVT02-EV15/6FI055	36	60	52.5	38.5	12.5	48.5	58	3.5	65	87.5	3"	3"	8.5	116
GVT02-EV15/7FI055	36	60	52.5	38.5	12.5	48.5	58	3.5	65	87.5	3"	3"	8.5	121
GVT02-EV15/8FI075	36	60	52.5	38.5	12.5	48.5	58	3.5	65	87.5	3"	3"	8.5	128
GVT02-EV15/9FI075	36	60	52.5	38.5	12.5	48.5	58	3.5	65	87.5	3"	3"	8.5	133
GVT02-EV15/10FI110	36	60	52.5	38.5	12.5	48.5	58	3.5	65	87.5	3"	3"	8.5	147

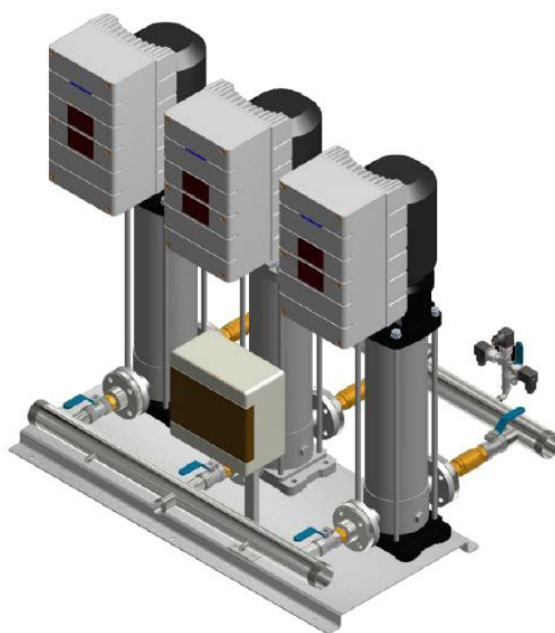
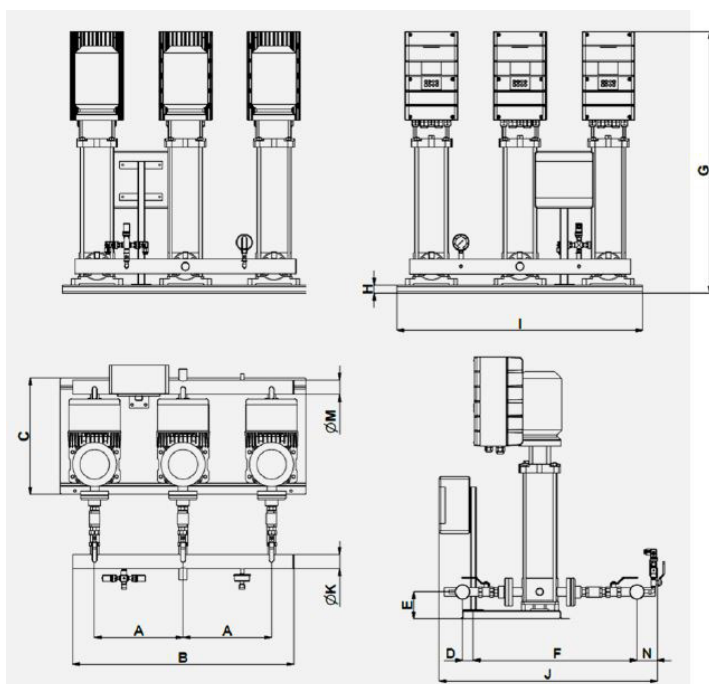




Dimensions

GLT03-EV BOOSTER SET with 3 three-phase 400V electric pumps

Model	A (cm)	B (cm)	C (cm)	D (cm)	E (cm)	F (cm)	G (cm)	H (cm)	I (cm)	J (cm)	K Ø	M Ø
GVT03-EV3/18FI022	34	90	47.5	31	11	38.7	100	3.5	100	89.5	2"	2"
GVT03-EV3/19FI022	34	90	47.5	31	11	38.7	102	3.5	100	89.5	2"	2"
GVT03-EV3/21FI022	34	90	47.5	31	11	38.7	107	3.5	100	89.5	2"	2"
GVT03-EV6/14FI022	34	90	47.5	32.5	11	41	96	3.5	100	89.5	2½"	2½"
GVT03-EV6/15FI022	34	90	47.5	32.5	11	41	99	3.5	100	89.5	2½"	2½"
GVT03-EV6/16FI022	34	90	47.5	32.5	11	41	101	3.5	100	89.5	2½"	2½"
GVT03-EV6/17FI022	34	90	47.5	32.5	11	41	104	3.5	100	89.5	2½"	2½"
GVT03-EV6/18FI022	34	90	47.5	32.5	11	41	106.5	3.5	100	89.5	2½"	2½"
GVT03-EV6/19FI022	34	90	47.5	32.5	11	41	109	3.5	100	89.5	2½"	2½"
GVT03-EV6/20FI030	34	90	47.5	32.5	11	41	113	3.5	100	89.5	2½"	2½"
GVT03-EV6/21FI030	34	90	47.5	32.5	11	41	116	3.5	100	89.5	2½"	2½"
GVT03-EV10/6FI022	34	90	47.5	36	11.5	45	79	3.5	100	89.5	3"	3"
GVT03-EV10/7FI022	34	90	47.5	36	11.5	45	82	3.5	100	89.5	3"	3"
GVT03-EV10/8FI030	34	90	47.5	36	11.5	45	86.5	3.5	100	89.5	3"	3"
GVT03-EV10/9FI030	34	90	47.5	36	11.5	45	89.5	3.5	100	89.5	3"	3"
GVT03-EV10/10FI040	34	90	47.5	36	11.5	45	92.5	3.5	100	89.5	3"	3"
GVT03-EV10/11FI040	34	90	47.5	36	11.5	45	96	3.5	100	89.5	3"	3"
GVT03-EV10/12FI040	34	90	47.5	36	11.5	45	98.5	3.5	100	89.5	3"	3"
GVT03-EV10/13FI040	34	90	47.5	36	11.5	45	101.5	3.5	100	89.5	3"	3"
GVT03-EV10/15FI055	34	90	47.5	36	11.5	45	125	3.5	100	89.5	3"	3"
GVT03-EV15/3FI030	34	90	47.5	38.5	12.5	48.5	79.5	3.5	100	89.5	3"	3"
GVT03-EV15/4FI040	34	90	47.5	38.5	12.5	48.5	84	3.5	100	89.5	3"	3"
GVT03-EV15/5FI040	34	90	47.5	38.5	12.5	48.5	89	3.5	100	89.5	3"	3"
GVT03-EV15/6FI055	34	90	47.5	38.5	12.5	48.5	112.5	3.5	100	89.5	3"	3"
GVT03-EV15/7FI055	34	90	47.5	38.5	12.5	48.5	117	3.5	100	89.5	3"	3"
GVT03-EV15/8FI075	34	90	47.5	38.5	12.5	48.5	122	3.5	100	89.5	3"	3"
GVT03-EV15/9FI075	34	90	47.5	38.5	12.5	48.5	127	3.5	100	89.5	3"	3"
GVT03-EV15/10FI110	34	90	47.5	38.5	12.5	48.5	137.5	3.5	100	89.5	3"	3"

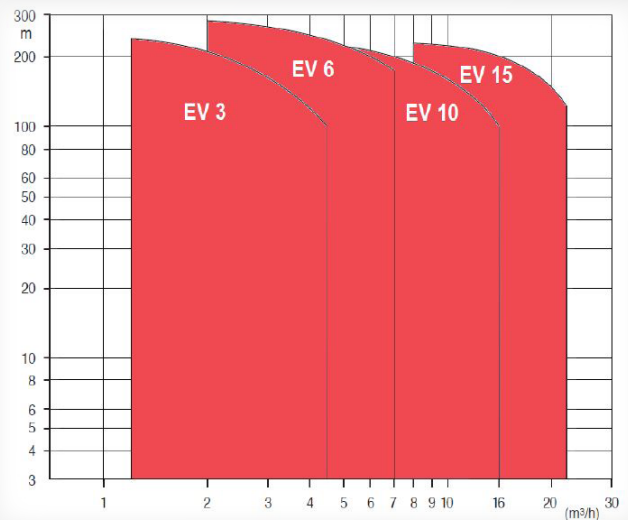


GMT-EV02 and GMT-EV03

Variable speed three-phase booster sets equipped with 2 or 3 EV electric pumps, controlled by a VACON® 100 FLOW built-in inverter per pump, Multimaster system with rotation of the main pump.

EV electric pumps

- In-line suction and discharge outlet: standard round flange
- Maximum flow rate 120 m³/h
- Maximum pressure 32 bar
- Working temperature of the liquid between -15°C and +120°C
- For power ratings > 4kW (motor >30 kg), the mechanical seal can be replaced without removing the motor
- Bearings
 - *Upper* (motor coupling flange) oversized which protects the motor bearing and minimises the pump's axial stress
 - *Intermediate* made of tungsten carbide to stabilise the shaft and prevent vibration
 - *Lower* made of tungsten carbide shaft (for EV30-95)
- Mechanical seal in silicon carbide/graphite/EPDM
- AISI 316 stainless steel. Balancing for EV30-95
- Three-phase motor
 - Lafert/AEG IE3
- IP55 protection, maximum ambient temperature 40°C and class F insulation
- Motor coupling
 - ≤ 4kW B14 type
 - ≥ 5.5kW B5 type





Materials

Base plate

- $\leq 200\text{kg}$. Omega type in 3mm zinc-plated steel
- $> 200\text{kg}$. Reinforced with HEB metal profiles

Manifolds. AISI 304 (optional in AISI 316)

- $< 3''$ AISI 304 threaded (optional in AISI 316)
- $\geq 3''$ AISI 304 with flanges

Valves

Suction

- $< 3''$. Brass ball valve PN-25
- $\geq 3''$. Cast iron butterfly shut-off valve with metal seat and EPDM gasket

Discharge

- $< 3''$. Brass ball shut-off valve PN-25. Brass check valve with NBR gasket and AISI 304 spring
- $\geq 3''$. Cast iron butterfly shut-off valve with metal seat and EPDM gasket. Brass check valve with NBR gasket and AISI 304 spring

Electrical panel

Inverter. VACON® 100 FLOW

Box

- IP55 with forced ventilation

Selectors. MAN-0-AUT for all pumps

Pilot lights

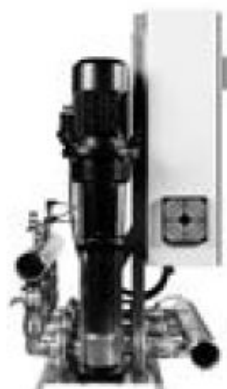
- Start-up
- Thermal triggering
- Lack of water

Start

- Via ramp

Accessories

- Pressure transmitters 0-10 bar
- Glycerine pressure gauge



Data table

GMT002-EV BOOSTER SET with 2 three-phase 400V electric pumps						
Model	Electric pump	Power (kW)	Suction manifold ND	Discharge manifold ND	For 1 electric pump	
					Q (m³/h)	H (m)
GMT02-EV3/10FI011	EV3/10FIT	2 x 1.1	40 (1½")	40 (1½")	1.4 - 4.2	70 - 34
GMT02-EV3/11FI011	EV3/11FIT	2 x 1.1				77 - 37
GMT02-EV3/12FI011	EV3/12FIT	2 x 1.1				83 - 39
GMT02-EV3/13FI011	EV3/13FIT	2 x 1.1				90 - 42
GMT02-EV3/14FI015	EV3/14FIT	2 x 1.5				99 - 48
GMT02-EV3/15FI015	EV3/15FIT	2 x 1.5				105 - 51
GMT02-EV3/16FI015	EV3/16FIT	2 x 1.5				112 - 54
GMT02-EV3/17FI015	EV3/17FIT	2 x 1.5				118 - 56
GMT02-EV3/18FI022	EV3/18FIT	2 x 2.2				128 - 65
GMT02-EV3/19FI022	EV3/19FIT	2 x 2.2				135 - 68
GMT02-EV3/21FI022	EV3/21FIT	2 x 2.2				149 - 74
GMT02-EV6/7FI011	EV6/7FIT	2 x 1.1	50 (2")	50 (2")	2.8 - 7.2	47 - 25
GMT02-EV6/8FI011	EV6/8FIT	2 x 1.1				54 - 28
GMT02-EV6/9FI011	EV6/9FIT	2 x 1.1				60 - 31
GMT02-EV6/10FI015	EV6/10FIT	2 x 1.5				68 - 36
GMT02-EV6/11FI015	EV6/11FIT	2 x 1.5				75 - 39
GMT02-EV6/12FI015	EV6/12FIT	2 x 1.5				81 - 42
GMT02-EV6/13FI015	EV6/13FIT	2 x 1.5				87 - 45
GMT02-EV6/14FI022	EV6/14FIT	2 x 2.2				97 - 52
GMT02-EV6/15FI022	EV6/15FIT	2 x 2.2				103 - 55
GMT02-EV6/16FI022	EV6/16FIT	2 x 2.2				109 - 58
GMT02-EV6/17FI022	EV6/17FIT	2 x 2.2				116 - 61
GMT02-EV6/18FI022	EV6/18FIT	2 x 2.2				122 - 64
GMT02-EV6/19FI022	EV6/19FIT	2 x 2.2				128 - 67
GMT02-EV6/20FI030	EV6/20FIT	2 x 3				140 - 77
GMT02-EV6/21FI030	EV6/21FIT	2 x 3				146 - 80
GMT02-EV10/3FI011	EV10/3FIT	2 x 1.1	65 (2½")	65 (2½")	6 - 14	27 - 13
GMT02-EV10/4FI015	EV10/4FIT	2 x 1.5				37 - 18
GMT02-EV10/5FI015	EV10/5FIT	2 x 1.5				45 - 21
GMT02-EV10/6FI022	EV10/6FIT	2 x 2.2				55 - 27
GMT02-EV10/7FI022	EV10/7FIT	2 x 2.2				64 - 31
GMT02-EV10/8FI030	EV10/8FIT	2 x 3				75 - 38
GMT02-EV10/9FI030	EV10/9FIT	2 x 3				84 - 42
GMT02-EV10/10FI040	EV10/10FIT	2 x 4				96 - 49
GMT02-EV10/11FI040	EV10/11FIT	2 x 4				105 - 53
GMT02-EV10/12FI040	EV10/12FIT	2 x 4				114 - 57
GMT02-EV10/13FI040	EV10/13FIT	2 x 4				123 - 61
GMT02-EV10/15FI055	EV10/15FIT	2 x 5.5				142 - 72
GMT02-EV15/3FI030	EV15/3FIT	2 x 3	80 (3")	80 (3")	8 - 24	39 - 17
GMT02-EV15/4FI040	EV15/4FIT	2 x 4				52 - 23
GMT02-EV15/5FI040	EV15/5FIT	2 x 4				65 - 28
GMT02-EV15/6FI055	EV15/6FIT	2 x 5.5				79 - 36
GMT02-EV15/7FI055	EV15/7FIT	2 x 5.5				92 - 41
GMT02-EV15/8FI075	EV15/8FIT	2 x 7.5				106 - 49
GMT02-EV15/9FI075	EV15/9FIT	2 x 7.5				119 - 54
GMT02-EV15/10FI110	EV15/10FIT	2 x 11				134 - 65



Data table

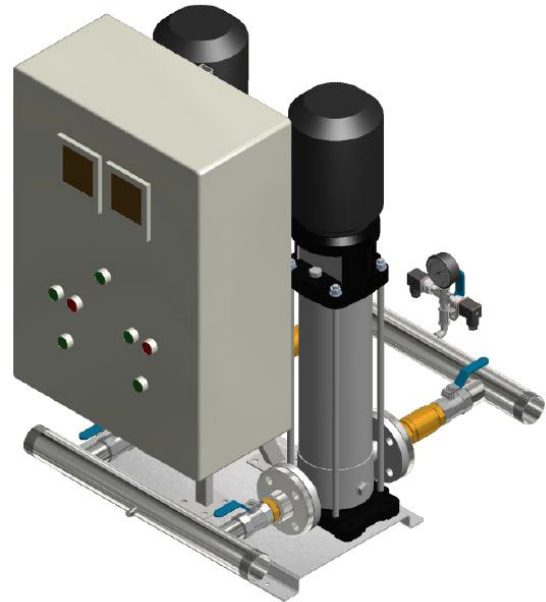
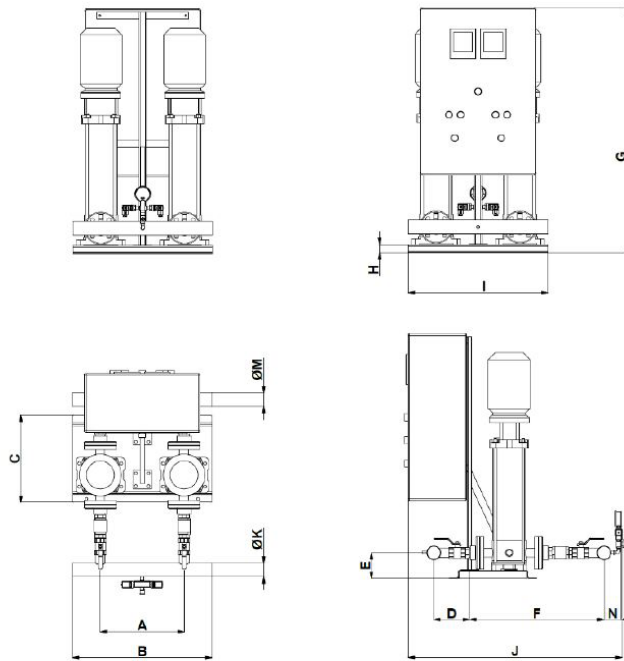
GMT003-EV BOOSTER SET with 3 three-phase 400V electric pumps						
Model	Electric pump	Power (kW)	Suction manifold ND	Discharge manifold ND	For 1 electric pump	
					Q (m³/h)	H (m)
GMT03-EV3/10FI011	EV3/10FIT	3 x 1.1	40 (1½")	40 (1½")	1.4 - 4.2	70 - 34
GMT03-EV3/11FI011	EV3/11FIT	3 x 1.1				77 - 37
GMT03-EV3/12FI011	EV3/12FIT	3 x 1.1				83 - 39
GMT03-EV3/13FI011	EV3/13FIT	3 x 1.1				90 - 42
GMT03-EV3/14FI015	EV3/14FIT	3 x 1.5				99 - 48
GMT03-EV3/15FI015	EV3/15FIT	3 x 1.5				105 - 51
GMT03-EV3/16FI015	EV3/16FIT	3 x 1.5				112 - 54
GMT03-EV3/17FI015	EV3/17FIT	3 x 1.5				118 - 56
GMT03-EV3/18FI022	EV3/18FIT	3 x 2.2				128 - 65
GMT03-EV3/19FI022	EV3/19FIT	3 x 2.2				135 - 68
GMT03-EV3/21FI022	EV3/21FIT	3 x 2.2				149 - 74
GMT03-EV6/7FI011	EV6/7FIT	3 x 1.1	50 (2")	50 (2")	2.8 - 7.2	47 - 25
GMT03-EV6/8FI011	EV6/8FIT	3 x 1.1				54 - 28
GMT03-EV6/9FI011	EV6/9FIT	3 x 1.1				60 - 31
GMT03-EV6/10FI015	EV6/10FIT	3 x 1.5				68 - 36
GMT03-EV6/11FI015	EV6/11FIT	3 x 1.5				75 - 39
GMT03-EV6/12FI015	EV6/12FIT	3 x 1.5				81 - 42
GMT03-EV6/13FI015	EV6/13FIT	3 x 1.5				87 - 45
GMT03-EV6/14FI022	EV6/14FIT	3 x 2.2				97 - 52
GMT03-EV6/15FI022	EV6/15FIT	3 x 2.2				103 - 55
GMT03-EV6/16FI022	EV6/16FIT	3 x 2.2				109 - 58
GMT03-EV6/17FI022	EV6/17FIT	3 x 2.2				116 - 61
GMT03-EV6/18FI022	EV6/18FIT	3 x 2.2				122 - 64
GMT03-EV6/19FI022	EV6/19FIT	3 x 2.2				128 - 67
GMT03-EV6/20FI030	EV6/20FIT	3 x 3				140 - 77
GMT03-EV6/21FI030	EV6/21FIT	3 x 3				146 - 80
GMT03-EV10/3FI011	EV10/3FIT	3 x 1.1	65 (2½")	65 (2½")	6 - 14	27 - 13
GMT03-EV10/4FI015	EV10/4FIT	3 x 1.5				37 - 18
GMT03-EV10/5FI015	EV10/5FIT	3 x 1.5				45 - 21
GMT03-EV10/6FI022	EV10/6FIT	3 x 2.2				55 - 27
GMT03-EV10/7FI022	EV10/7FIT	3 x 2.2				64 - 31
GMT03-EV10/8FI030	EV10/8FIT	3 x 3				75 - 38
GMT03-EV10/9FI030	EV10/9FIT	3 x 3				84 - 42
GMT03-EV10/10FI040	EV10/10FIT	3 x 4				96 - 49
GMT03-EV10/11FI040	EV10/11FIT	3 x 4				105 - 53
GMT03-EV10/12FI040	EV10/12FIT	3 x 4				114 - 57
GMT03-EV10/13FI040	EV10/13FIT	3 x 4				123 - 61
GMT03-EV10/15FI055	EV10/15FIT	3 x 5.5				142 - 72
GMT03-EV15/3FI030	EV15/3FIT	3 x 3	100 (4")	80 (3")	8 - 24	39 - 17
GMT03-EV15/4FI040	EV15/4FIT	3 x 4				52 - 23
GMT03-EV15/5FI040	EV15/5FIT	3 x 4				65 - 28
GMT03-EV15/6FI055	EV15/6FIT	3 x 5.5				79 - 36
GMT03-EV15/7FI055	EV15/7FIT	3 x 5.5				92 - 41
GMT03-EV15/8FI075	EV15/8FIT	3 x 7.5				106 - 49
GMT03-EV15/9FI075	EV15/9FIT	3 x 7.5				119 - 54
GMT03-EV15/10FI110	EV15/10FIT	3 x 11				134 - 65

Dimensions

GMT002-EV BOOSTER SET with 2 three-phase 400V electric pumps													
Model	A (cm)	B (cm)	C (cm)	D (cm)	E (cm)	F (cm)	G (cm)	H (cm)	I (cm)	J (cm)	K Ø	M Ø	N (cm)
GMT02-EV3/10FI011	36	60	37.5	31	11	38.7	83	3.5	60	90.5	1½"	1½"	7
GMT02-EV3/11FI011	36	60	37.5	31	11	38.7	83	3.5	60	90.5	1½"	1½"	7
GMT02-EV3/12FI011	36	60	37.5	31	11	38.7	83	3.5	60	90.5	1½"	1½"	7
GMT02-EV3/13FI011	36	60	37.5	31	11	38.7	83	3.5	60	90.5	1½"	1½"	7
GMT02-EV3/14FI015	36	60	37.5	31	11	38.7	83	3.5	60	90.5	1½"	1½"	7
GMT02-EV3/15FI015	36	60	37.5	31	11	38.7	83	3.5	60	90.5	1½"	1½"	7
GMT02-EV3/16FI015	36	60	37.5	31	11	38.7	83	3.5	60	90.5	1½"	1½"	7
GMT02-EV3/17FI015	36	60	37.5	31	11	38.7	83	3.5	60	90.5	1½"	1½"	7
GMT02-EV3/18FI022	36	60	37.5	31	11	38.7	83	3.5	60	90.5	1½"	1½"	7
GMT02-EV3/19FI022	36	60	37.5	31	11	38.7	83	3.5	60	90.5	1½"	1½"	7
GMT02-EV3/21FI022	36	60	37.5	31	11	38.7	83	3.5	60	90.5	1½"	1½"	7
GMT02-EV6/7FI011	36	60	37.5	32.5	11	41	83	3.5	60	93	2"	2"	7.5
GMT02-EV6/8FI011	36	60	37.5	32.5	11	41	83	3.5	60	93	2"	2"	7.5
GMT02-EV6/9FI011	36	60	37.5	32.5	11	41	83	3.5	60	93	2"	2"	7.5
GMT02-EV6/10FI015	36	60	37.5	32.5	11	41	83	3.5	60	93	2"	2"	7.5
GMT02-EV6/11FI015	36	60	37.5	32.5	11	41	83	3.5	60	93	2"	2"	7.5
GMT02-EV6/12FI015	36	60	37.5	32.5	11	41	83	3.5	60	93	2"	2"	7.5
GMT02-EV6/13FI015	36	60	37.5	32.5	11	41	83	3.5	60	93	2"	2"	7.5
GMT02-EV6/14FI022	36	60	37.5	32.5	11	41	83	3.5	60	93	2"	2"	7.5
GMT02-EV6/15FI022	36	60	37.5	32.5	11	41	83	3.5	60	93	2"	2"	7.5
GMT02-EV6/16FI022	36	60	37.5	32.5	11	41	83	3.5	60	93	2"	2"	7.5
GMT02-EV6/17FI022	36	60	37.5	32.5	11	41	83	3.5	60	93	2"	2"	7.5
GMT02-EV6/18FI022	36	60	37.5	32.5	11	41	83	3.5	60	93	2"	2"	7.5
GMT02-EV6/19FI022	36	60	37.5	32.5	11	41	83	3.5	60	93	2"	2"	7.5
GMT02-EV6/20FI030	36	60	37.5	32.5	11	41	83	3.5	60	93	2"	2"	7.5
GMT02-EV6/21FI030	36	60	37.5	32.5	11	41	83	3.5	60	93	2"	2"	7.5
GMT02-EV10/3FI011	36	60	52.5	36	11.5	45	115.5	3.5	65	104	2½"	2½"	8
GMT02-EV10/4FI015	36	60	52.5	36	11.5	45	115.5	3.5	65	104	2½"	2½"	8
GMT02-EV10/5FI015	36	60	52.5	36	11.5	45	115.5	3.5	65	104	2½"	2½"	8
GMT02-EV10/6FI022	36	60	52.5	36	11.5	45	83	3.5	65	104	2½"	2½"	8
GMT02-EV10/7FI022	36	60	52.5	36	11.5	45	83	3.5	65	104	2½"	2½"	8
GMT02-EV10/8FI030	36	60	52.5	36	11.5	45	83	3.5	65	104	2½"	2½"	8
GMT02-EV10/9FI030	36	60	52.5	36	11.5	45	83	3.5	65	104	2½"	2½"	8
GMT02-EV10/10FI040	36	60	52.5	36	11.5	45	83	3.5	65	104	2½"	2½"	8
GMT02-EV10/11FI040	36	60	52.5	36	11.5	45	83	3.5	65	104	2½"	2½"	8
GMT02-EV10/12FI040	36	60	52.5	36	11.5	45	83	3.5	65	104	2½"	2½"	8
GMT02-EV10/13FI040	36	60	52.5	36	11.5	45	83	3.5	65	104	2½"	2½"	8
GMT02-EV10/15FI055	36	60	52.5	36	11.5	45	83	3.5	65	104	2½"	2½"	8
GMT02-EV15/3FI030	36	60	52.5	38.5	12.5	48.5	83	3.5	65	108	3"	3"	8.5
GMT02-EV15/4FI040	36	60	52.5	38.5	12.5	48.5	83	3.5	65	108	3"	3"	8.5
GMT02-EV15/5FI040	36	60	52.5	38.5	12.5	48.5	83	3.5	65	108	3"	3"	8.5
GMT02-EV15/6FI055	36	60	52.5	38.5	12.5	48.5	83	3.5	65	108	3"	3"	8.5
GMT02-EV15/7FI055	36	60	52.5	38.5	12.5	48.5	83	3.5	65	108	3"	3"	8.5
GMT02-EV15/8FI075	36	60	52.5	38.5	12.5	48.5	115	3.5	65	108	3"	3"	8.5
GMT02-EV15/9FI075	36	60	52.5	38.5	12.5	48.5	115	3.5	65	108	3"	3"	8.5
GMT02-EV15/10FI110	36	60	52.5	38.5	12.5	48.5	115	3.5	65	113	3"	3"	9



Dimensions

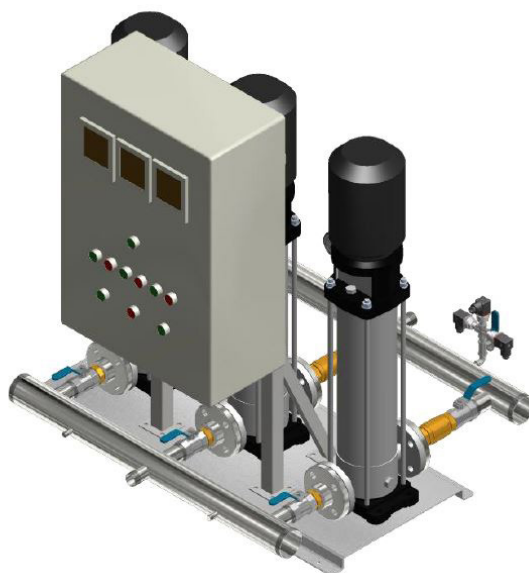
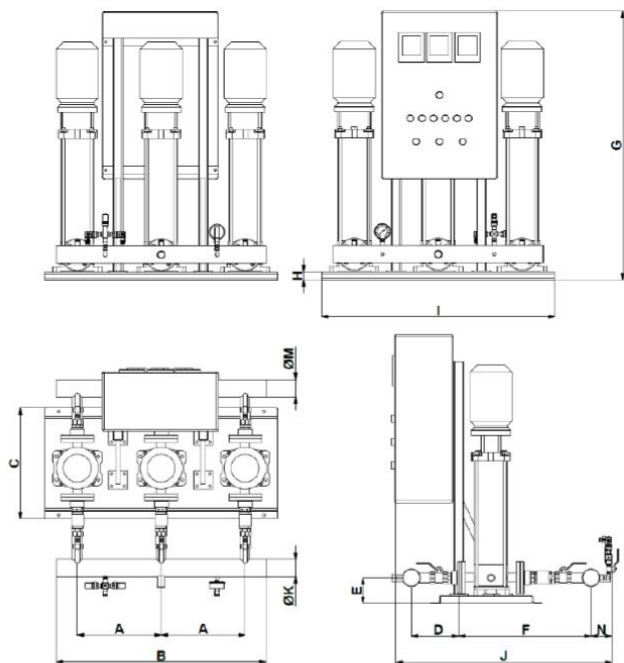


Dimensions

GMT003-EV BOOSTER SET with 3 three-phase 400V electric pumps													
Model	A (cm)	B (cm)	C (cm)	D (cm)	E (cm)	F (cm)	G (cm)	H (cm)	I (cm)	J (cm)	K Ø	M Ø	N (cm)
GMT03-EV3/10FI011	34	90	47.5	31	11	38.7	115.5	3.5	100	90.5	2"	2"	8.5
GMT03-EV3/11FI011	34	90	47.5	31	11	38.7	115.5	3.5	100	90.5	2"	2"	8.5
GMT03-EV3/12FI011	34	90	47.5	31	11	38.7	115.5	3.5	100	90.5	2"	2"	8.5
GMT03-EV3/13FI011	34	90	47.5	31	11	38.7	115.5	3.5	100	90.5	2"	2"	8.5
GMT03-EV3/14FI015	34	90	47.5	31	11	38.7	115.5	3.5	100	90.5	2"	2"	8.5
GMT03-EV3/15FI015	34	90	47.5	31	11	38.7	115.5	3.5	100	90.5	2"	2"	8.5
GMT03-EV3/16FI015	34	90	47.5	31	11	38.7	115.5	3.5	100	90.5	2"	2"	8.5
GMT03-EV3/17FI015	34	90	47.5	31	11	38.7	115.5	3.5	100	90.5	2"	2"	8.5
GMT03-EV3/18FI022	34	90	47.5	31	11	38.7	115.5	3.5	100	90.5	2"	2"	8.5
GMT03-EV3/19FI022	34	90	47.5	31	11	38.7	115.5	3.5	100	90.5	2"	2"	8.5
GMT03-EV3/21FI022	34	90	47.5	32.5	11	41	115.5	3.5	100	93	2"	2"	8.5
GMT03-EV6/7FI011	34	90	47.5	32.5	11	41	115.5	3.5	100	93	2½"	2½"	8.5
GMT03-EV6/8FI011	34	90	47.5	32.5	11	41	115.5	3.5	100	93	2½"	2½"	8.5
GMT03-EV6/9FI011	34	90	47.5	32.5	11	41	115.5	3.5	100	93	2½"	2½"	8.5
GMT03-EV6/10FI015	34	90	47.5	32.5	11	41	115.5	3.5	100	93	2½"	2½"	8.5
GMT03-EV6/11FI015	34	90	47.5	32.5	11	41	115.5	3.5	100	93	2½"	2½"	8.5
GMT03-EV6/12FI015	34	90	47.5	32.5	11	41	115.5	3.5	100	93	2½"	2½"	8.5
GMT03-EV6/13FI015	34	90	47.5	32.5	11	41	115.5	3.5	100	93	2½"	2½"	8.5
GMT03-EV6/14FI022	34	90	47.5	32.5	11	41	115.5	3.5	100	93	2½"	2½"	8.5
GMT03-EV6/15FI022	34	90	47.5	32.5	11	41	115.5	3.5	100	93	2½"	2½"	8.5
GMT03-EV6/16FI022	34	90	47.5	32.5	11	41	115.5	3.5	100	93	2½"	2½"	8.5
GMT03-EV6/17FI022	34	90	47.5	32.5	11	41	115.5	3.5	100	93	2½"	2½"	8.5
GMT03-EV6/18FI022	34	90	47.5	32.5	11	41	115.5	3.5	100	93	2½"	2½"	8.5
GMT03-EV6/19FI022	34	90	47.5	32.5	11	41	115.5	3.5	100	93	2½"	2½"	8.5
GMT03-EV6/20FI030	34	90	47.5	32.5	11	41	115.5	3.5	100	93	2½"	2½"	8.5
GMT03-EV6/21FI030	34	90	47.5	36	11.5	45	115.5	3.5	100	93	2½"	2½"	8.5
GMT03-EV10/3FI011	34	90	47.5	36	11.5	45	115.5	3.5	100	104	3"	3"	8.5
GMT03-EV10/4FI015	34	90	47.5	36	11.5	45	115.5	3.5	100	104	3"	3"	8.5
GMT03-EV10/5FI015	34	90	47.5	36	11.5	45	115.5	3.5	100	104	3"	3"	8.5
GMT03-EV10/6FI022	34	90	47.5	36	11.5	45	115.5	3.5	100	104	3"	3"	8.5
GMT03-EV10/7FI022	34	90	47.5	36	11.5	45	115.5	3.5	100	104	3"	3"	8.5
GMT03-EV10/8FI030	34	90	47.5	36	11.5	45	115.5	3.5	100	104	3"	3"	8.5
GMT03-EV10/9FI030	34	90	47.5	36	11.5	45	115.5	3.5	100	104	3"	3"	8.5
GMT03-EV10/10FI040	34	90	47.5	36	11.5	45	115.5	3.5	100	104	3"	3"	8.5
GMT03-EV10/11FI040	34	90	47.5	36	11.5	45	115.5	3.5	100	104	3"	3"	8.5
GMT03-EV10/12FI040	34	90	47.5	36	11.5	45	115.5	3.5	100	104	3"	3"	8.5
GMT03-EV10/13FI040	34	90	47.5	36	11.5	45	115.5	3.5	100	104	3"	3"	8.5
GMT03-EV10/15FI055	34	90	47.5	38.5	12.5	48.5	115.5	3.5	100	104	3"	3"	8.5
GMT03-EV15/3FI030	34	90	47.5	38.5	12.5	48.5	115.5	3.5	100	108	4"	4"	8.5
GMT03-EV15/4FI040	34	90	47.5	38.5	12.5	48.5	115.5	3.5	100	108	4"	4"	8.5
GMT03-EV15/5FI040	34	90	47.5	38.5	12.5	48.5	115.5	3.5	100	108	4"	4"	8.5
GMT03-EV15/6FI055	34	90	47.5	38.5	12.5	48.5	115.5	3.5	100	108	4"	4"	8.5
GMT03-EV15/7FI055	34	90	47.5	38.5	12.5	48.5	115.5	3.5	100	108	4"	4"	8.5
GMT03-EV15/8FI075	34	90	47.5	38.5	12.5	48.5	115.5	3.5	100	108	4"	4"	8.5
GMT03-EV15/9FI075	34	90	47.5	38.5	12.5	48.5	115.5	3.5	100	108	4"	4"	8.5
GMT03-EV15/10FI110	34	90	47.5	38.5	12.5	48.5	115.5	3.5	100	108	4"	4"	8.5



Dimensions





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