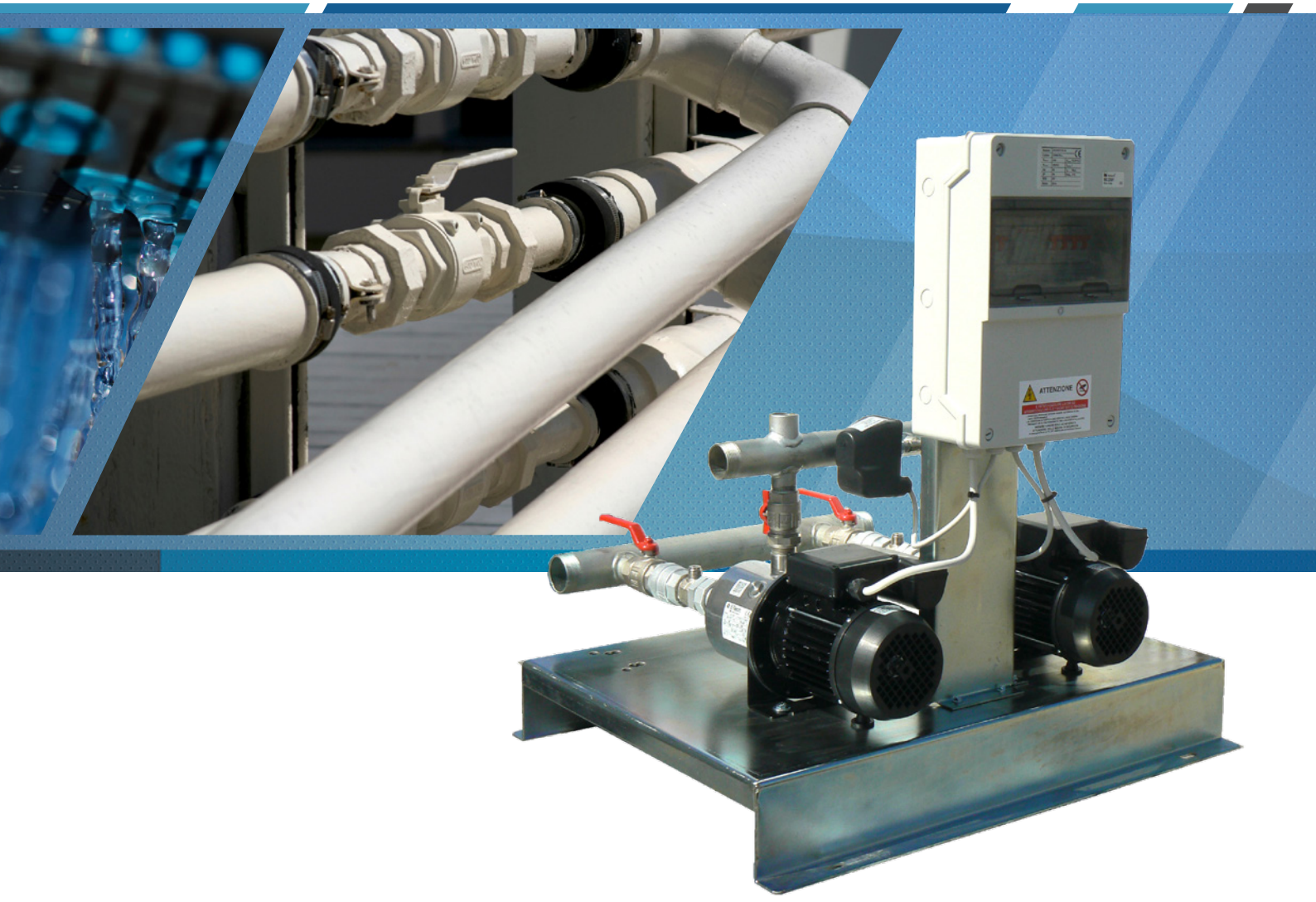
PRODUCT CATALOG

Franklin Electric

BOOSTER SETS

GP SERIES



franklinwater.eu

E-Tech®

MENU

E-Tech®

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For more information please consult our website **franklinwater.eu**.

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For more information please consult our website **franklinwater.eu**.

Fixed-speed booster sets with pressure switch control

PRODUCT OVERVIEW

DESCRIPTION

The GP series booster sets consist of two or three identical electric pumps coupled in parallel via manifolds, shut-off valves, check valves and fixed on a single base.

The electric pumps are controlled by an electronic or electromechanical panel which automatically starts and stops the electric pumps according to the pressures set on the pressure switches.



SPECIFICATIONS

- Flow: up to 84 m^3/h
- Head:
  - up to 104 m for sets with EM and EH electric pumps
- Maximum operating pressure:
  - PN10 for sets with EM and EH electric pumps
- The sum of the inlet pressure and the maximum pressure developed by the pump at zero flow must always be less than the maximum operating pressure (PN) allowed by the set
- Supply voltage:
  - 1x230 V 50 Hz for GPM sets
  - 3x400 V 50 Hz for GPT sets
- Ambient temperature at nominal load: min. 0 °C / max 40 °C
- Relative humidity: max 50% at 40 °C (without condensation)
- Max. altitude at nominal load: 1000 metres above sea level
- Pumped liquid temperature: clean water between +5 °C and +35°C

SET IDENTIFICATION CODE

GP | M | 02 | VM / EM3/03RG007T6 / ...

- ... — Set speciality (“Empty”: Standard configuration)
- EM3/03RG007T6 — Electric pump model
- VM — Position of check valves: VM (Delivery side), VA (Suction side)
- 02 — Number of electropumps
- M — Set power supply voltage: M (Single-phase set), T (Three-phase set)
- GP — Fixed speed booster pump sets controlled by pressure switches

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AVAILABLE VERSIONS

- Different materials for manifolds, check valves and shut-off valves

PRODUCT OVERVIEW

COMPOSITION

- EH or EM series electric pumps
- Base and electrical panel door in powder-coated sheet metal
- Galvanised iron suction and delivery manifolds
- Suction and delivery shut-off valves for each electric pump
- Check valve in suction (VA) or delivery (VM) side of each electric pump
- Female cast iron caps for manifolds closure
- 1 pressure switch for each installed pump
- 1 pressure gauge
- Fitting for use with diaphragm tank
- 1 control panel
- Galvanised steel screws

MAIN PARTS

Part	Quantity		
	GP...02	GP...03	GP...04
Electric pumps	2	3	4
Pressure switch	2	3	4
Control panel	1	1	1
Check valve	2	3	4
Shut-off valve	4	6	8

PARTS IN CONTACT WITH LIQUID

Part	Booster set version		
	Standard	C304 *	A316 **
Electric pumps	See pump description	See pump description	See pump description
Suction and delivery manifolds	Galvanized iron	304SS	316SS
Pressure switch	Nickel-plated brass	Nickel-plated brass	304SS
Pressure gauge	Brass	Brass	304SS
Check valve	Brass	Brass	316SS
Shut-off valve	Nickel-plated brass	Nickel-plated brass	316SS
Pump counter-flanges (EV pumps only)	Galvanized iron	Galvanized iron	316SS
Other components	Brass / Nickel-plated brass / Coated cast iron / Cast iron	Brass / Nickel-plated brass / Coated cast iron / Cast iron	316SS

* C304: Set with suction and delivery manifolds in A304 steel. All other components that come into contact with pumped liquid as in the standard version.
** A316: Set with suction and delivery manifolds in A316 steel. Other components that come into contact with pumped liquid in A316. Pressure gauge and pressure switches in A304. Set screws in galvanised iron.

POSITION OF CHECK VALVES

All the GP series sets can be supplied with check valves for the electric pumps on the delivery (VM) or suction side (VA).
Sets with check valves on the suction side are equipped with perforated nipples for connecting air feeders.

PRODUCT OVERVIEW

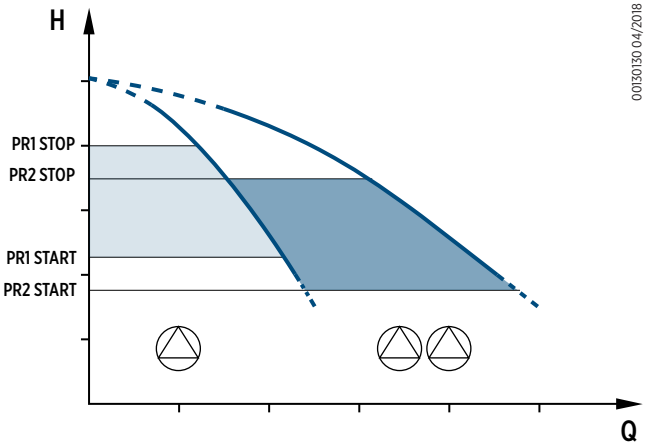
OPERATION PRINCIPLE

Each pump in the system is combined with a pressure switch, but this is not always connected due to cyclical exchange. The factory setting of the pressure switches foresees a sequenced start up of the electric pumps. The difference between the start and stop pressure is set equally for all the electric pumps in the system.

A water request by the system causes a drop in pressure. When this reaches the value of PR1 Start, the first electric pump is started.

If the water request increases, the pressure value drops below PR2 Start and the second electric pump is also started.

When the water request decreases, the pressure value increases. When this reaches the value of PR2 Stop, the second electric pump is stopped. As the water request decreases, the pressure value tends to rise until it reaches the value of PR1 Stop, and the first electric pump switches off.



QE2 SERIES ELECTRIC CONTROL PANEL

Electronic control panel for the control and protection of two single-phase or three-phase surface or submersible electric pumps.



SPECIFICATIONS

- Mains input:
  - 1 ~ 50/60 Hz 230 V ±10% (Model QE2M)
  - 3 ~ 50/60 Hz 400 V ±10% (Model QE2T)
- Protection degree: IP55
- Ambient temperature: from -5 °C to +40 °C
- Relative humidity: max 50% at 40 °C (without condensation)

COMPOSITION

- ABS casing
- General isolator with door lock
- Electronic control card with:
  - Low voltage inputs: Controlled by stop float switch (protection against dry running)
    Controlled by 2 float switches or pressure switches
    Controlled by a float switch to max. alarm level
    2 klixon motors
  - Electric pump alternation circuit incorporated with 4" delay between start-up of the two electric pumps
  - Electric pump can be isolated in case of failure
  - Internal selector for alternating isolation of electric pumps
  - Motor operation buttons for Automatic-Off-Manual (temporary manual operation)
  - Indicator lights: 1 green = mains power
    2 green = motor running
    2 green = automatic mode
    1 red = water level alarm
    2 red = motor overload protection alarm
    2 red = klixon motors tripped
  - 2 protection reset buttons
  - Electronic protection for adjustable motor overload
  - Protection trip time: 5"
  - Alarm output with 5 A 250 V exchange contacts (resistive load)
- Auxiliary protection fuses
- Motor protection fuses
- Single-phase version designed for inserting the capacitor (not included)
- Exits with wire trap cable glands

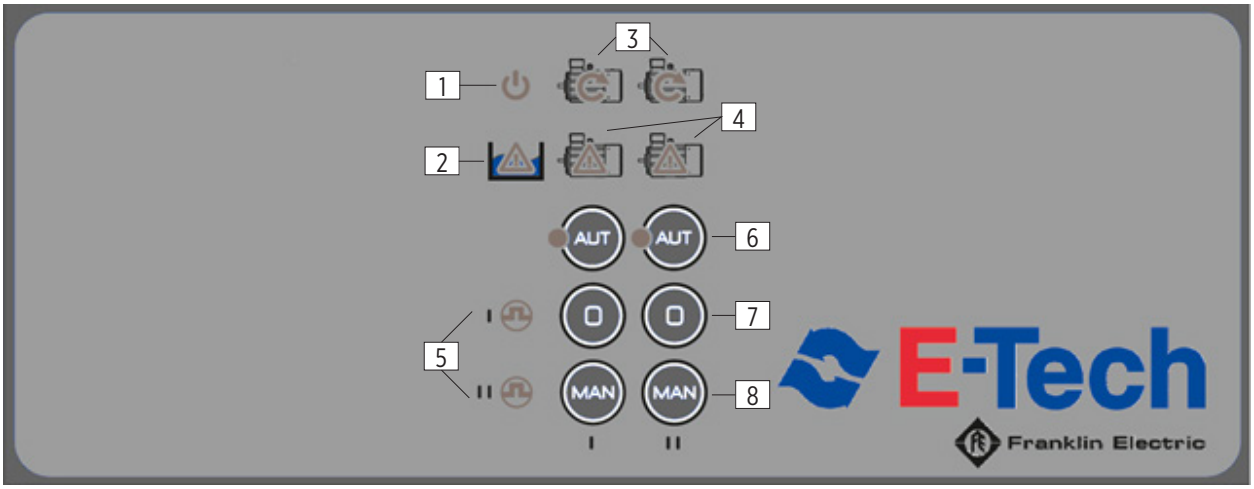
CONTROL PANEL IDENTIFICATION CODE

QE	2	T	/	15A	3x400 V	50	
							Frequency
							Rated current: 1x230 V / 3x400 V
							Maximum current value in the working range
							M (Single-phase); T (Three-phase)
							Number of electropumps
							QE: Electronic control panel

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QE2 SERIES ELECTRIC CONTROL PANEL

USER INTERFACE



1		GREEN LED indicates presence of voltage.
2		RED LED indicates MIN/MAX water level alarm.
3		GREEN LED indicates motor running.
4		RED LED with simultaneous lighting indicates that the motor is in protected state.
5		RED LED indicates klixon tripped for respective motor due to coil overheating.
6	AUT	Automatic operation button Pressing it activates the automatic function, signalled by the respective GREEN LED lighting up. The panel is ready to receive commands from the inputs.
7		Automatic operation isolation button Pressing it disables the automatic function and resets all active protections and alarms if anomalies have been solved.
8	MAN	Manual operation button When held pressed, motor is operated without any protections. Motor stops when released.

ELECTRICAL FEATURES AND DIMENSIONS

Panel model	Power [kW]	Voltage [V]	Current range [A]	Dimensions [mm]	Weight [kg]
QE2M/16A	0.37 ÷ 2.2	1x230	2 ÷ 16	340x240x170	4
QE2T/15A	0.55 ÷ 7.5	3x400	2 ÷ 15	340x240x170	6.5
QE2T/24A	7.5 ÷ 11	3x400	16 ÷ 24	340x240x170	6.5
QE2T/32A	11 ÷ 15	3x400	16 ÷ 32	340x240x170	6.5

QE3 SERIES ELECTRIC CONTROL PANEL

Electronic panel for the control and protection of three single-phase or three-phase surface or submersible electric pumps.



SPECIFICATIONS

- Mains input:
  - 1 ~ 50/60 Hz 230 V ±10% (Model QE3M)
  - 3 ~ 50/60 Hz 400 V ±10% (Model QE3T)
- Protection degree: IP55
- Ambient temperature: from -5 °C to +40 °C
- Relative humidity: max 50% at 40 °C (without condensation)

COMPOSITION

- Metal or ABS casing
- General isolator with door lock
- Electronic control card with:
  - Low voltage inputs: Three for operation commands via pressure switches
    One for minimum level protection
  - Built-in electric pump alternation circuit, with the possibility of isolation, with 1" delay between the start-up of the three electric pumps
  - Electric pump can be isolated in case of failure
  - Motor operation buttons for Automatic-Off-Manual (temporary manual operation)
  - Indicator lights: 1 green = mains power
    3 green = motors running
    3 green = automatic operation
    3 red = motor overload protection alarm
    1 red = alarm
  - Alarm outputs for minimum and maximum level
- Auxiliary protection fuses
- Motor protection fuses
- Single-phase version designed for inserting the capacitor (not included)
- Exits with wire trap cable glands

CONTROL PANEL IDENTIFICATION CODE

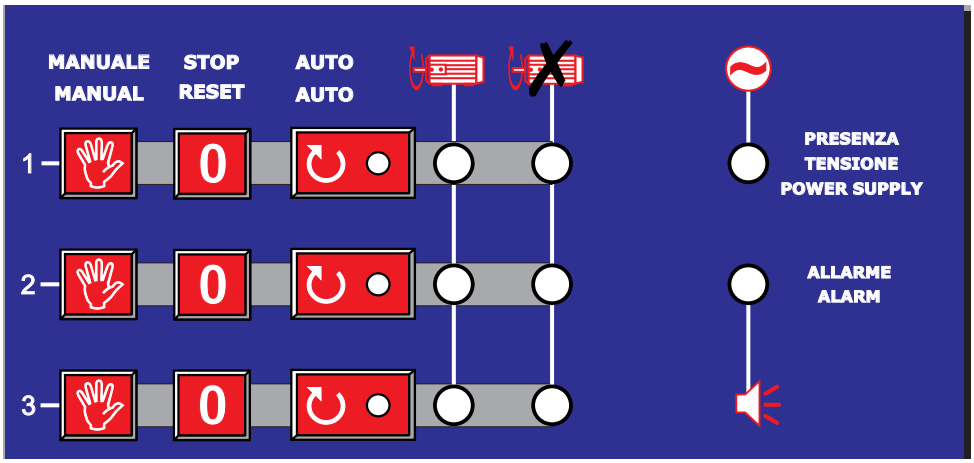
QE	3	T	/	15A	3x400 V	50

- 50: Frequency
- 3x400 V: Rated current: 1x230 V / 3x400 V
- 15A: Maximum current value in the working range
- T: M (Single-phase); T (Three-phase)
- 3: Number of electropumps
- QE: Electronic control panel

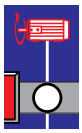
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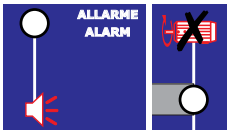
QE3 SERIES ELECTRIC CONTROL PANEL

USER INTERFACE



1  Voltage present

2  Motor running

3 

Motor in protected state

4 

Automatic operation button

5 

Stop/Reset button
When pressed:
- Disengages automatic operation, if engaged.
- Resets all active protections.
- Resets the alarms if the anomalies have been solved.

6 

Manual operation button
When held pressed:
- Motor is operated without any protections.
- Motor stops when released.

ELECTRICAL FEATURES AND DIMENSIONS

Panel model	Power [kW]	Voltage [V]	Current range [A]	Dimensions [mm]	Weight [kg]
QE3M/16A	0,37 ÷ 2,2	1x230	2 ÷ 16	340x240x170	7
QE3T/15A	0,55 ÷ 7,5	3x400	2 ÷ 15	530x400x230	13

QM3 SERIES ELECTRIC CONTROL PANEL

Electromechanical panel with direct start for the control and protection of three single-phase or three-phase surface or submersible electric pumps.



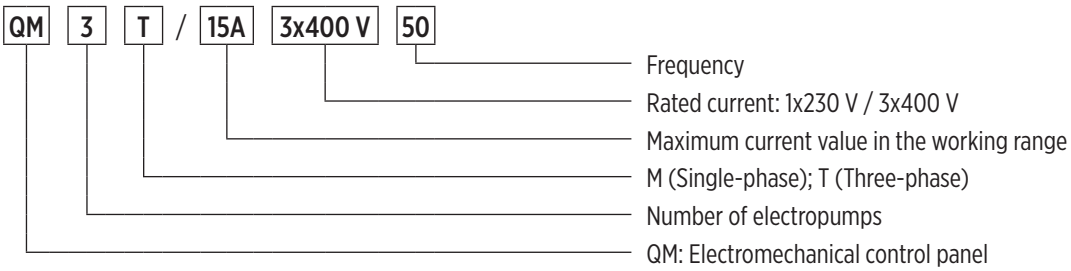
SPECIFICATIONS

- Mains input:
  - 1 ~ 50/60 Hz 230 V ±10% (Model QM3M)
  - 3 ~ 50/60 Hz 400 V ±10% (Model QM3T)
- Protection degree: IP55
- Ambient temperature: from -5 °C to +40 °C
- Relative humidity: max 50% at 40 °C (without condensation)

COMPOSITION

- Metal casing
- General isolator with door lock
- Lamps:
  - 1 blue = mains power
  - 1 red = thermal protection tripped
  - 3 green = motor running
- 3 AUTOMATIC-ISOLATION-MANUAL selectors
- 3 AC3 power contactors for motor start-up
- 3 thermal relays for overload protection
- Auxiliary protection fuses
- Motor protection fuses
- Protection against dry running via digital input (floating)
- Electric pump alternation

CONTROL PANEL IDENTIFICATION CODE



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QM3 SERIES ELECTRIC CONTROL PANEL

USER INTERFACE



1 

A blue lamp indicates presence of current

2 

A red lamp indicates a thermal fault

3 

A green lamps indicate motor running

4 

Function selectors:
- Automatic
- Isolated
- Manual

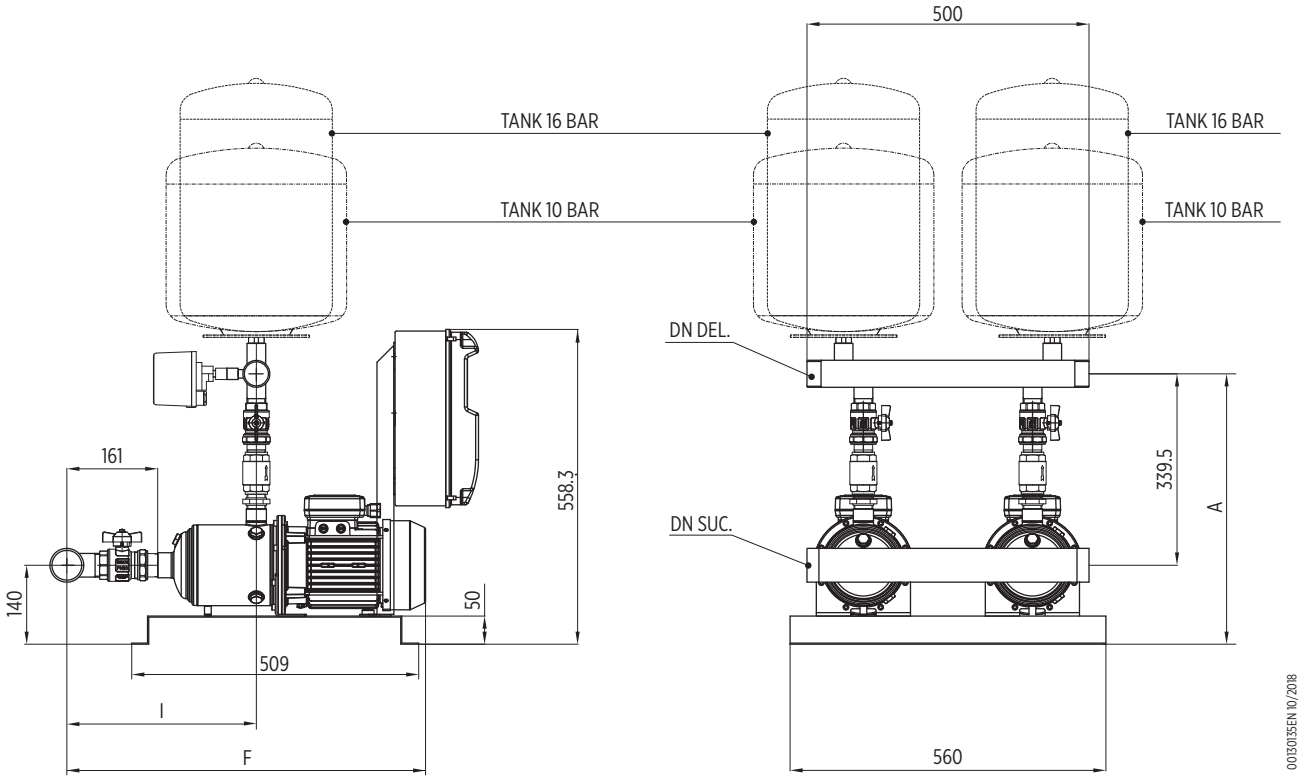
ELECTRICAL FEATURES AND DIMENSIONS

Panel model	Power [kW]	Voltage [V]	Current range [A]	Dimensions [mm]	Weight [kg]
QM3M/4,5A	0.37	1x230	3 ÷ 4,5	540x400x230	7
QM3M/6,5A	0.55		4,5 ÷ 6,5	540x400x230	7
QM3M/9A	0.75		6 ÷ 9	540x400x230	7
QM3T/1,3A	0.37	3x400	0,9 ÷ 1,3	540x400x230	14
QM3T/2A	0.55		1,4 ÷ 2	540x400x230	14
QM3T/3,2A	0,75 ÷ 1,1		2 ÷ 3,2	540x400x230	14
QM3T/4,5A	1.5		3 ÷ 4,5	540x400x230	14
QM3T/6,8A	2.2		4,5 ÷ 6,8	540x400x230	14
QM3T/9A	3 ÷ 4		6 ÷ 9	540x400x230	14
QM3T/12A	5.5		9 ÷ 12	540x400x230	14
QM3T/16A	7.5		10 ÷ 16	540x400x230	15
QM3T/25A	11		15 ÷ 20	640x400x230	15
QM3T/31A	15		24 ÷ 31	640x400x230	15

Technical data and dimensional drawings

GP...02 / EH SERIES - DELIVERY CHECK VALVE (VM)

GP...02 / EH 3-5



GPM 02 / EH 3-5 (SINGLE-PHASE VERSION)

Model	Electric control panel	Dimensions * [mm]			Manifolds		Weight [kg]
		A	F	I	DN ASP	DN MAN	
GPM02/EH3/031005M5	QE2M/16A	479.5	522	264	G 2"	G 1" ½	54
GPM02/EH3/041005M5		479.5	546	288			54
GPM02/EH3/051007M5		479.5	570	312			58
GPM02/EH3/061011M5		479.5	594	336			61
GPM02/EH3/071011M5		479.5	618	360			68
GPM02/EH3/081015M5		479.5	684	384			68
GPM02/EH3/091015M5		479.5	708	408			72
GPM02/EH5/031005M5	QE2M/16A	479.5	522	264	G 2"	G 1" ½	62
GPM02/EH5/041011M5		479.5	546	288			62
GPM02/EH5/051011M5		479.5	570	312			67
GPM02/EH5/061015M5		479.5	636	336			70
GPM02/EH5/071015M5		479.5	660	360			75

* Dimensional tolerance ± 30 mm

GP...02 / EH SERIES - DELIVERY CHECK VALVE (VM)

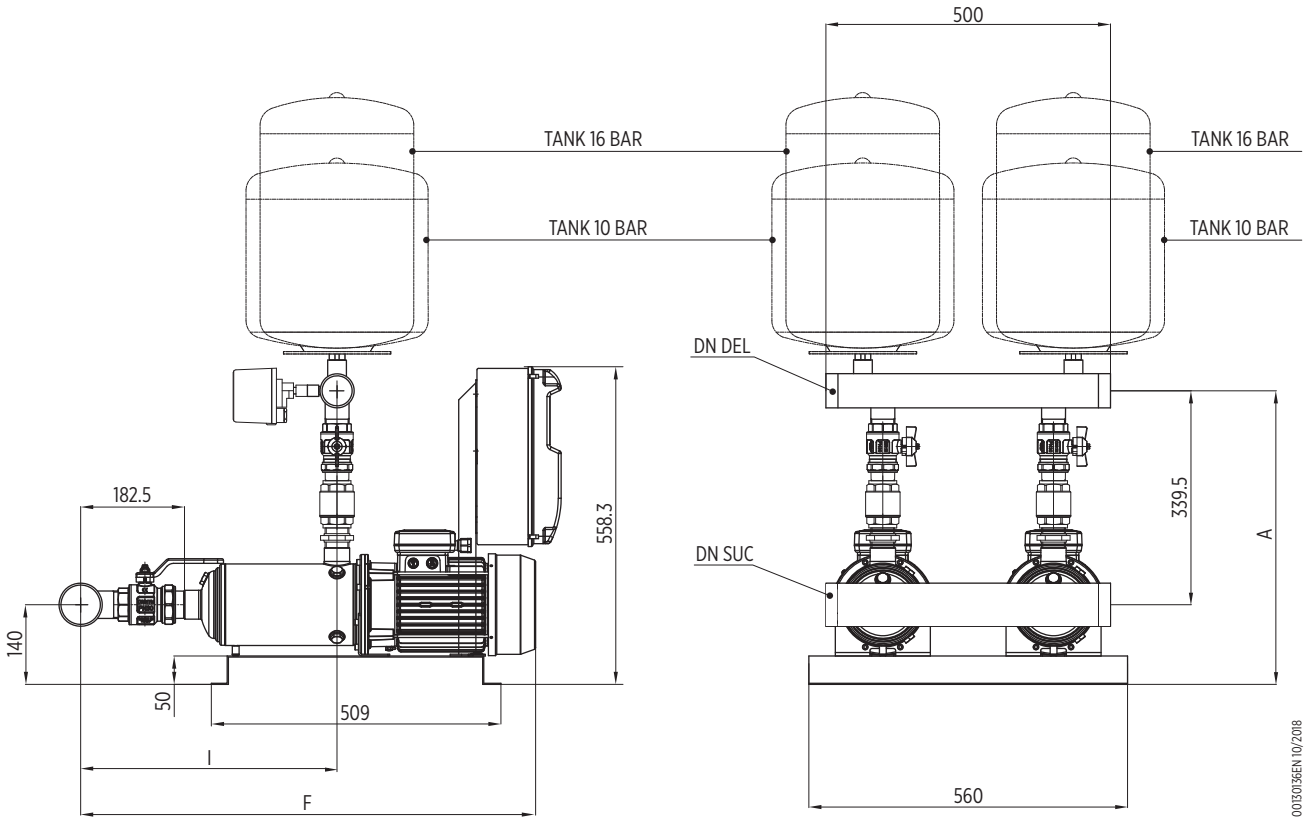
GPT 02 / EH 3-5 (THREE-PHASE VERSION)

Model	Electric control panel	Dimensions * [mm]			Manifolds		Weight [kg]
		A	F	I	DN ASP	DN MAN	
GPT02/EH3/03I007T5	QE2T/15A	479.5	524	264	G 2"	G 1" ½	54
GPT02/EH3/04I007T5		479.5	548	288			54
GPT02/EH3/05I007T5		479.5	572	312			58
GPT02/EH3/06I011T5		479.5	596	336			61
GPT02/EH3/07I011T5		479.5	620	360			68
GPT02/EH3/08I015T5		479.5	681	384			69
GPT02/EH3/09I015T5		479.5	705	408			71
GPT02/EH5/03I007T5	QE2T/15A	479.5	524	264	G 2"	G 1" ½	62
GPT02/EH5/04I011T5		479.5	548	288			62
GPT02/EH5/05I011T5		479.5	572	312			66
GPT02/EH5/06I015T5		479.5	633	336			69
GPT02/EH5/07I015T5		479.5	657	360			74
GPT02/EH5/08I018T5		479.5	728	384			78
GPT02/EH5/09I020T5		479.5	752	408			78

* Dimensional tolerance ± 30 mm

GP...02 / EH SERIES - DELIVERY CHECK VALVE (VM)

GP...02 / EH 9



GPM 02 / EH 9 (SINGLE-PHASE VERSION)

Model	Electric control panel	Dimensions * [mm]			Manifolds		Weight [kg]
		A	F	I	DN ASP	DN MAN	
GPM02/EH9/031011M5	QE2M/16A	479.5	562.5	300.5	G 2" ½	G 2"	72
GPM02/EH9/041015M5		479.5	634.5	330.5			73

* Dimensional tolerance ± 30 mm

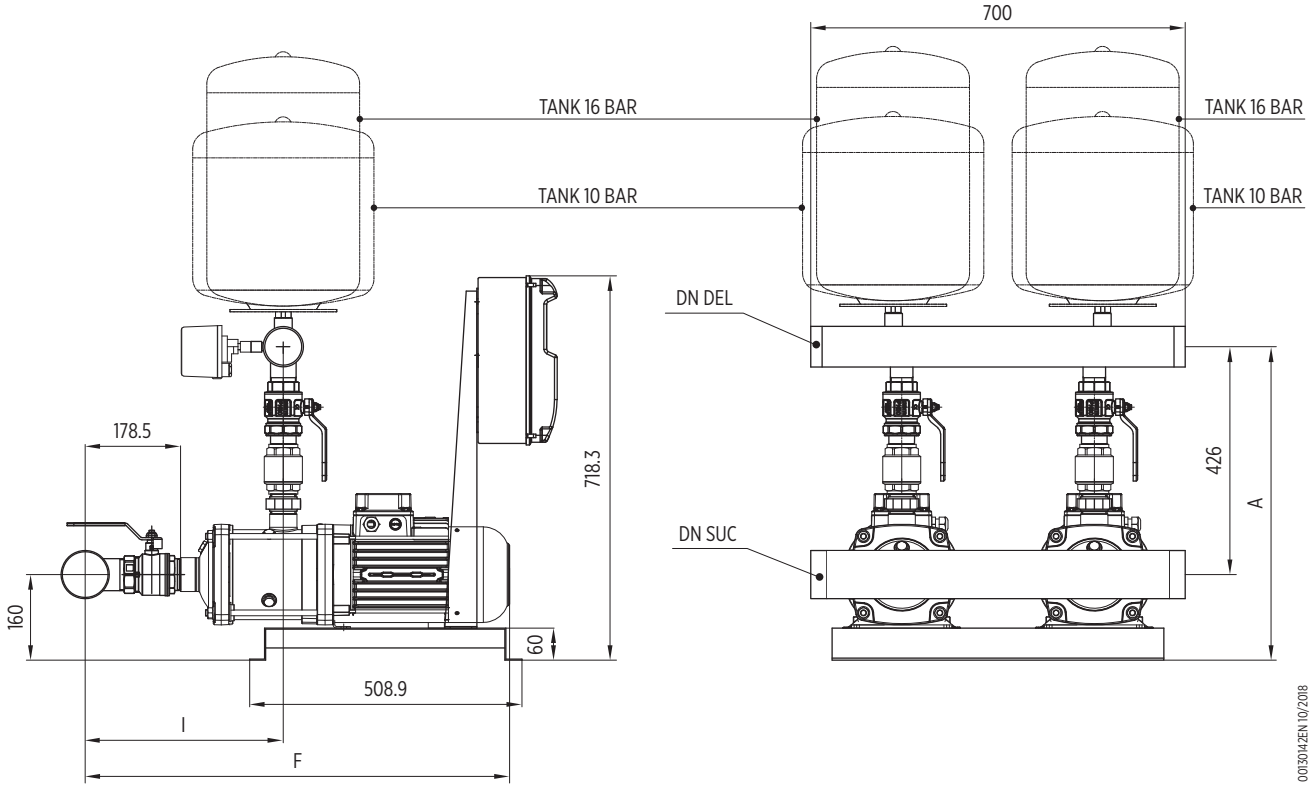
GPT 02 / EH 9 (THREE-PHASE VERSION)

Model	Electric control panel	Dimensions * [mm]			Manifolds		Weight [kg]
		A	F	I	DN ASP	DN MAN	
GPT02/EH9/031011T5	QE2T/15A	479.5	564.5	300.5	G 2" ½	G 2"	70
GPT02/EH9/041015T5		479.5	631.5	330.5			73
GPT02/EH9/051022T5		479.5	708.5	360.5			78
GPT02/EH9/061022T5		479.5	738.5	390.5			81
GPT02/EH9/071030T5		479.5	803.5	420.5			90
GPT02/EH9/081030T5		479.5	833.5	450.5			95

* Dimensional tolerance ± 30 mm

GP...02 / EH SERIES - DELIVERY CHECK VALVE (VM)

GPT 02 / EH 15-20 - SETUP UP TO 3 KW (THREE-PHASE)

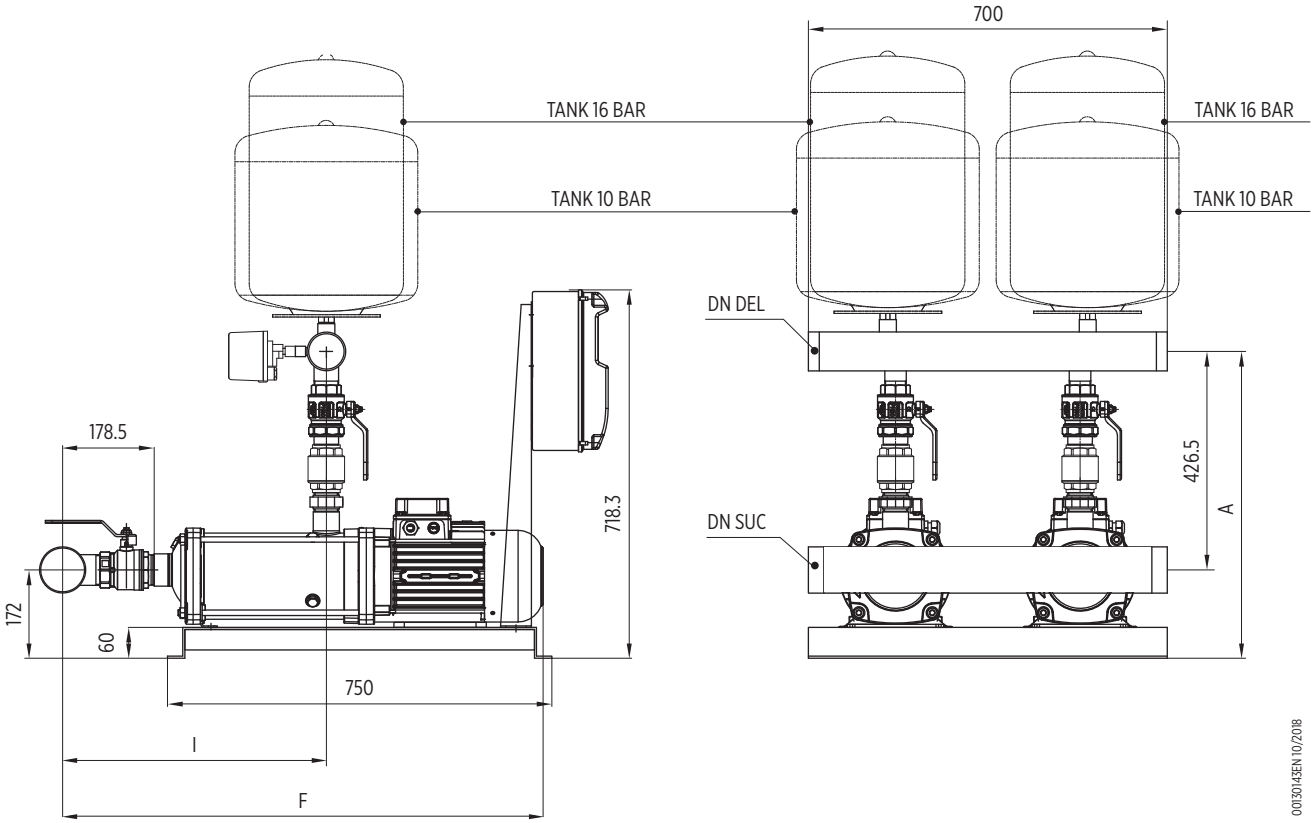


Model	Electric control panel	Dimensions * [mm]			Manifolds		Weight [kg]
		A	F	I	DN ASP	DN MAN	
GPT02/EH15/02I015T5	QE2T/15A	586	663.5	322.5	G 3"	G 2" ½	80
GPT02/EH15/03I022T5		586	710.5	322.5			92
GPT02/EH15/04I030T5		586	793.5	370.5			96
GPT02/EH20/02I022T5	QE2T/15A	586	710.5	322.5	G 3"	G 2" ½	80
GPT02/EH20/03I030T5		586	745.5	322.5			92

* Dimensional tolerance ± 30 mm

GP...02 / EH SERIES - DELIVERY CHECK VALVE (VM)

GPT 02 / EH 15-20 - SETUP FROM 4 KW (THREE-PHASE)

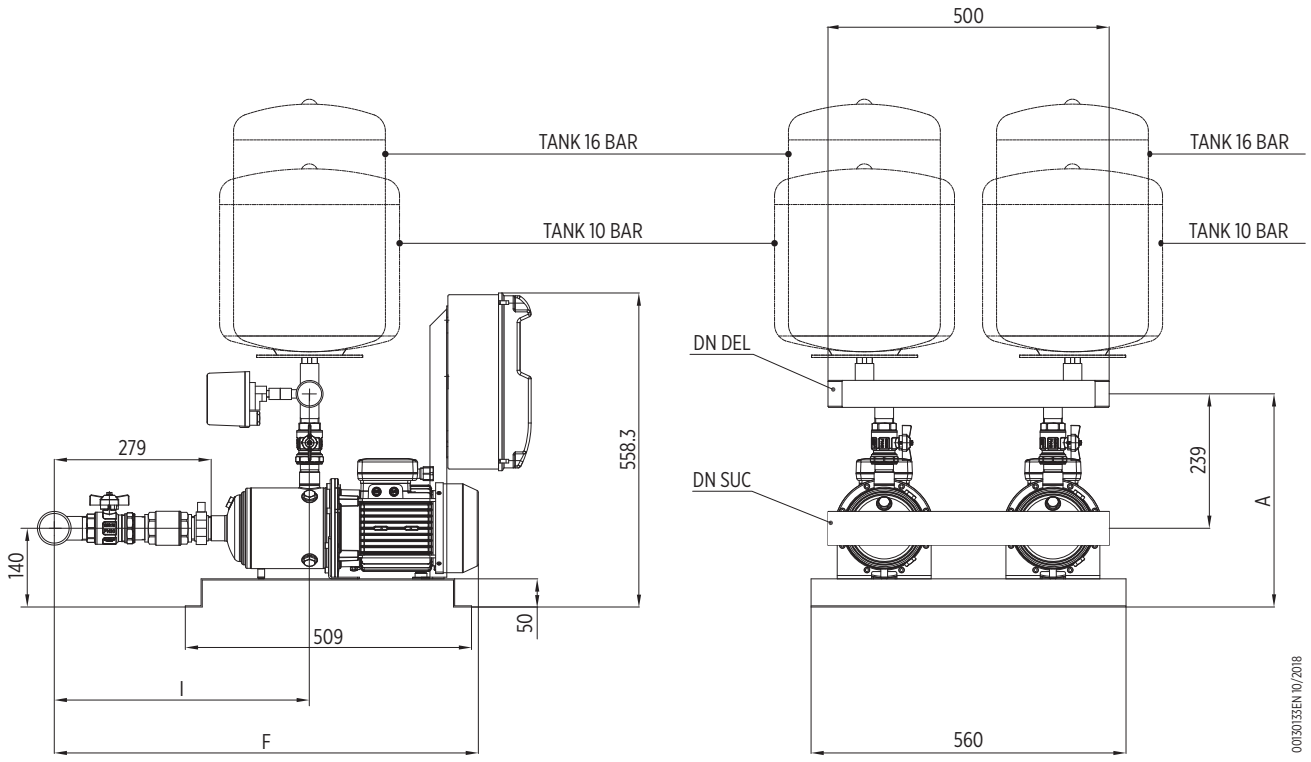


Model	Electric control panel	Dimensions * [mm]			Manifolds		Weight [kg]
		A	F	I	DN ASP	DN MAN	
GPT02/EH15/05I040T5	QE2T/15A	598.5	848.5	418.5	G 3"	G 2" ½	103
GPT02/EH15/06I055T5		598.5	910.5	466.5			120
GPT02/EH15/07I055T5		598.5	958.5	514.5			125
GPT02/EH20/04I040T5	QE2T/15A	598.5	800.5	370.5	G 3"	G 2" ½	96
GPT02/EH20/05I055T5		598.5	862.5	418.5			103

* Dimensional tolerance ± 30 mm

GP...02 / EH SERIES - SUCTION CHECK VALVE (VA)

GPM 02 / EH 3-5 (SINGLE-PHASE VERSION)

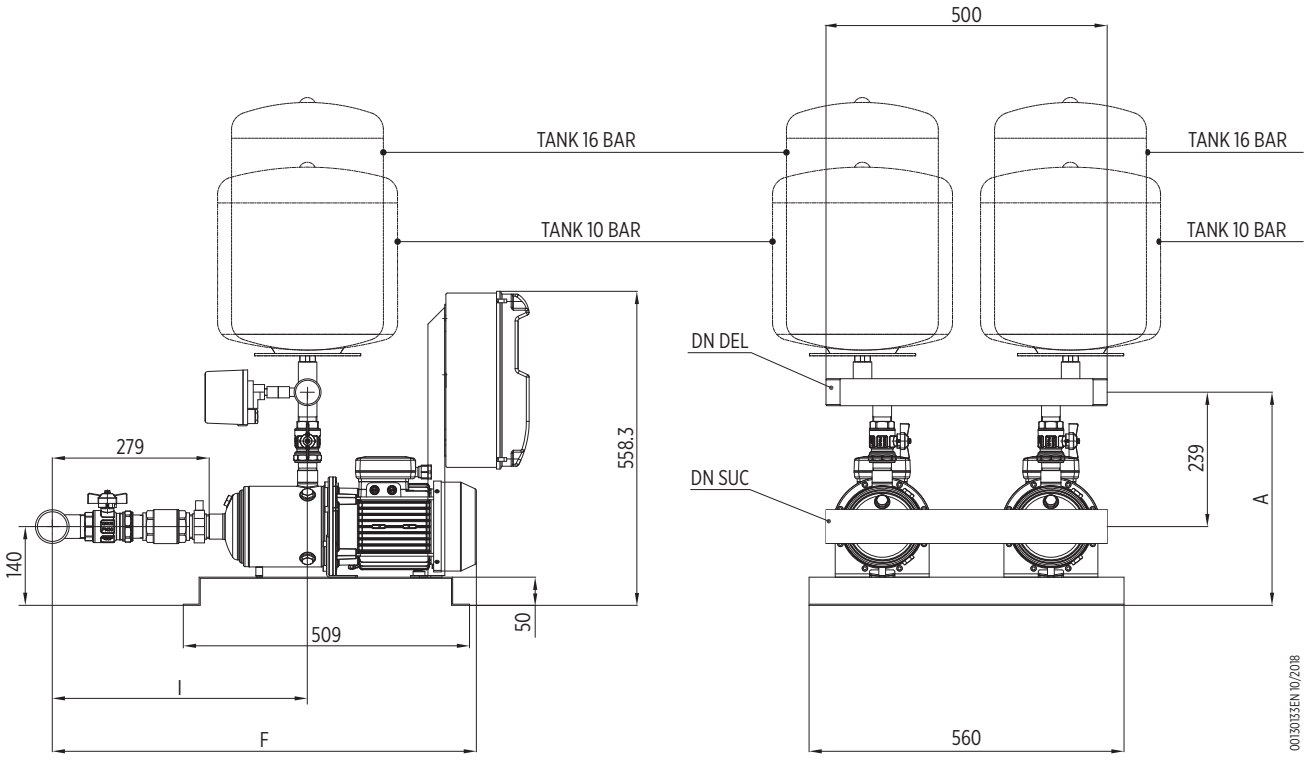


Model	Electric control panel	Dimensions * [mm]			Manifolds		Weight [kg]
		A	F	I	DN ASP	DN MAN	
GPM02/EH3/03I005M5	QE2M/16A	479.5	640	382	G 2"	G 1" ½	54
GPM02/EH3/04I005M5		479.5	664	406			54
GPM02/EH3/05I007M5		479.5	688	430			58
GPM02/EH3/06I011M5		479.5	712	454			61
GPM02/EH3/07I011M5		479.5	736	478			68
GPM02/EH3/08I015M5		479.5	802	502			68
GPM02/EH3/09I015M5		479.5	826	526			72
GPM02/EH5/03I005M5	QE2M/16A	479.5	640	382	G 2"	G 1" ½	62
GPM02/EH5/04I011M5		479.5	664	406			62
GPM02/EH5/05I011M5		479.5	688	430			67
GPM02/EH5/06I015M5		479.5	754	454			70
GPM02/EH5/07I015M5		479.5	778	478			75

* Dimensional tolerance ± 30 mm

GP...02 / EH SERIES - SUCTION CHECK VALVE (VA)

GPT 02 / EH 3-5 (THREE-PHASE VERSION)

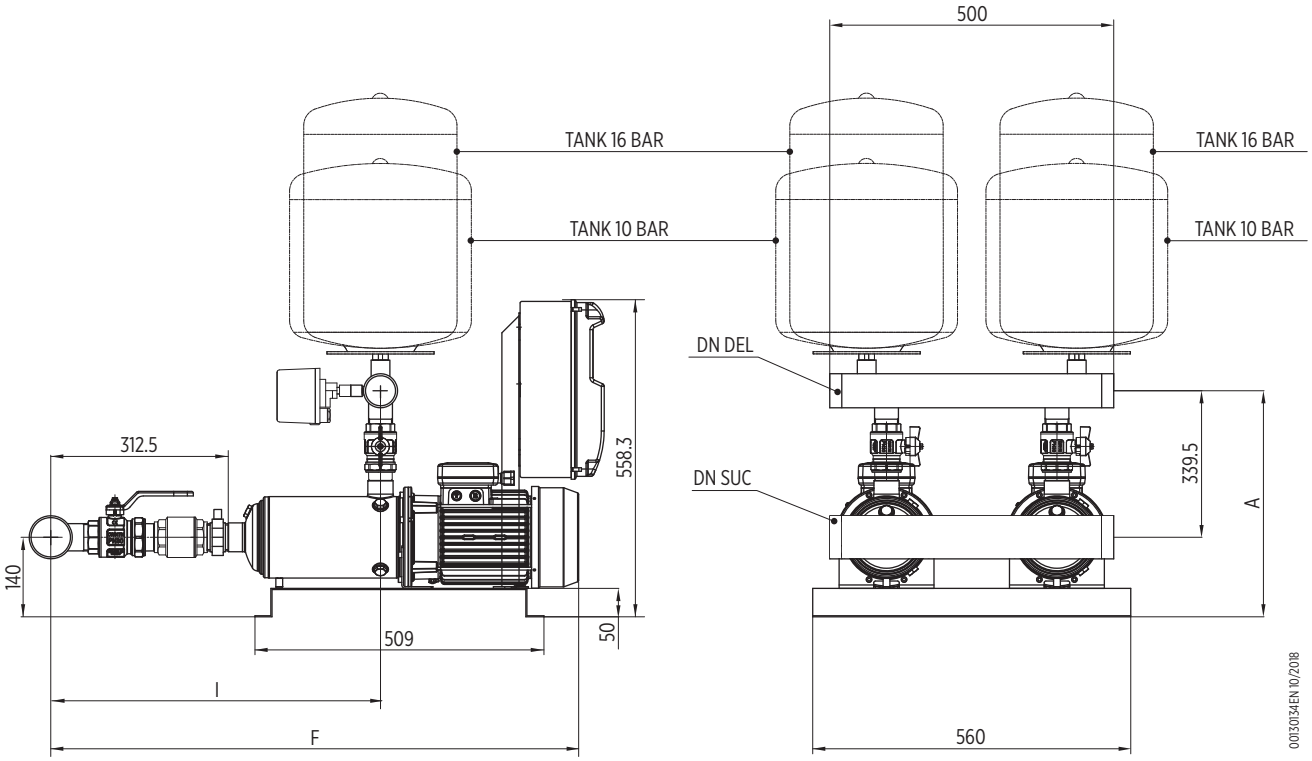


Model	Electric control panel	Dimensions * [mm]			Manifolds		Weight [kg]
		A	F	I	DN ASP	DN MAN	
GPT02/EH3/03I007T5	QE2T/15A	479.5	642	382	G 2"	G 1" ½	54
GPT02/EH3/04I007T5		479.5	666	406			54
GPT02/EH3/05I007T5		479.5	690	430			58
GPT02/EH3/06I011T5		479.5	714	454			61
GPT02/EH3/07I011T5		479.5	738	478			68
GPT02/EH3/08I015T5		479.5	799	502			69
GPT02/EH3/09I015T5		479.5	823	526			71
GPT02/EH5/03I007T5	QE2T/15A	479.5	642	382	G 2"	G 1" ½	62
GPT02/EH5/04I011T5		479.5	666	406			62
GPT02/EH5/05I011T5		479.5	690	430			66
GPT02/EH5/06I015T5		479.5	751	454			69
GPT02/EH5/07I015T5		479.5	775	478			74
GPT02/EH5/08I022T5		479.5	846	502			78
GPT02/EH5/09I022T5		479.5	870	526			78

* Dimensional tolerance ± 30 mm

GP...02 / EH SERIES - SUCTION CHECK VALVE (VA)

GP...02 / EH 9



GPM 02 / EH 9 (SINGLE-PHASE VERSION)

Model	Electric control panel	Dimensions * [mm]			Manifolds		Weight [kg]
		A	F	I	DN ASP	DN MAN	
GPM02/EH9/031011M5	QE2M/16A	479.5	692.5	430.5	G 1" ½	G 2"	72
GPM02/EH9/041015M5		479.5	764.5	460.5			73

* Dimensional tolerance ± 30 mm

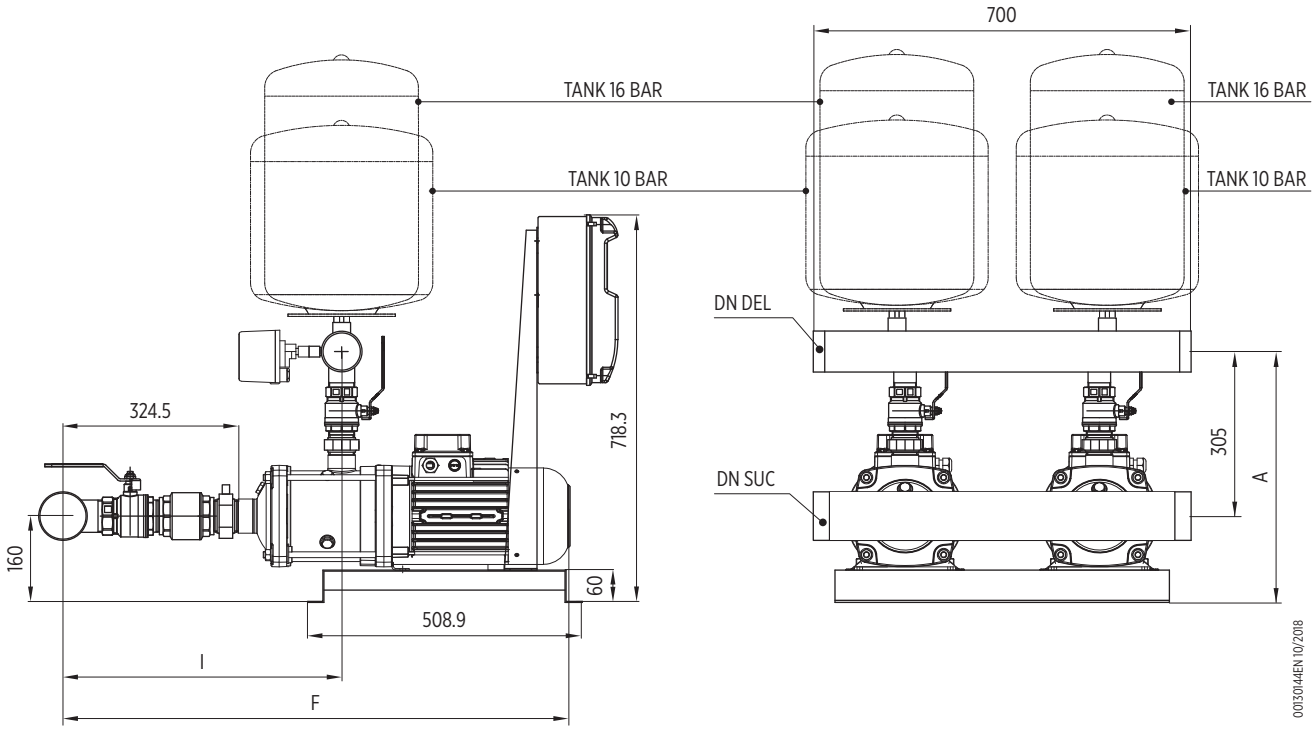
GPT 02 / EH 9 (THREE-PHASE VERSION)

Model	Electric control panel	Dimensions * [mm]			Manifolds		Weight [kg]
		A	F	I	DN ASP	DN MAN	
GPT02/EH9/031011T5	QE2T/15A	479.5	694.5	430.5	G 2" ½	G 2"	70
GPT02/EH9/041015T5		479.5	761.5	460.5			73
GPT02/EH9/051022T5		479.5	838.5	490.5			78
GPT02/EH9/061022T5		479.5	868.5	520.5			81
GPT02/EH9/071030T5		479.5	933.5	550.5			90
GPT02/EH9/081030T5		479.5	963.5	580.5			95

* Dimensional tolerance ± 30 mm

GP...02 / EH SERIES - SUCTION CHECK VALVE (VA)

GPT 02 / EH 15-20 - SETUP UP TO 3 kW (THREE-PHASE)

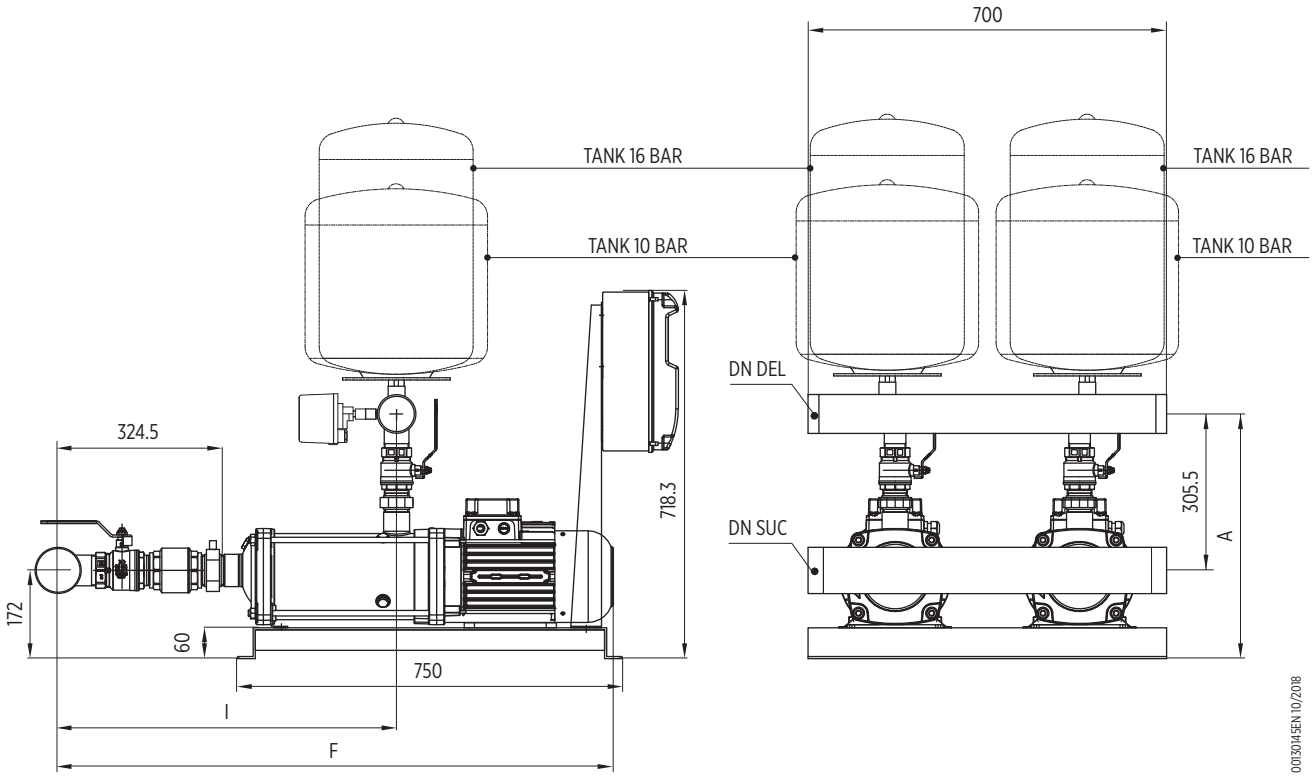


Model	Electric control panel	Dimensions * [mm]			Manifolds		Weight [kg]
		A	F	I	DN ASP	DN MAN	
GPT02/EH15/02I015T5	QE2T/15A	465	797.5	468.5	G 3"	G 2" ½	80
GPT02/EH15/03I022T5		465	844.5	468.5			92
GPT02/EH15/04I030T5		465	927.5	516.5			96
GPT02/EH20/02I022T5	QE2T/15A	465	844.5	856.5	G 3"	G 2" ½	80
GPT02/EH20/03I030T5		465	879.5	891.5			92

* Dimensional tolerance ± 30 mm

GP...02 / EH SERIES - SUCTION CHECK VALVE (VA)

GPT 02 / EH 15-20 - SETUP FROM 4 kW (THREE-PHASE)

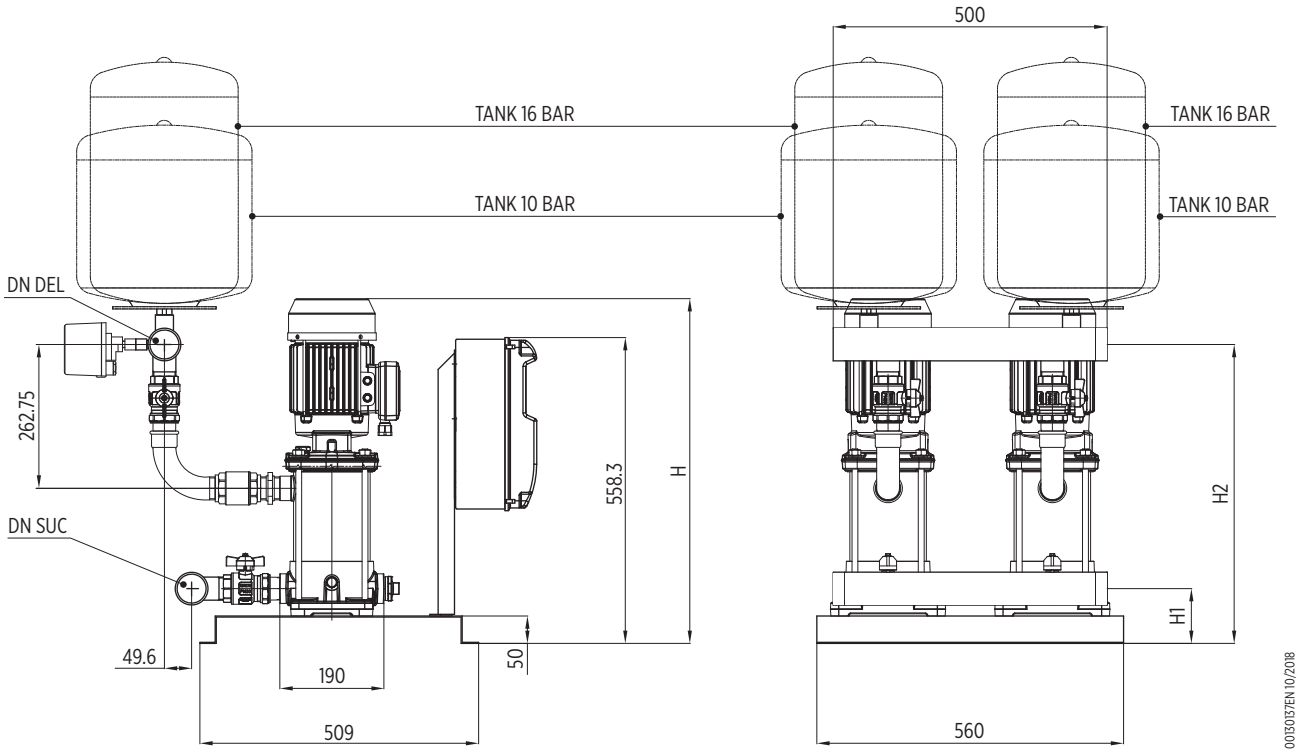


Model	Electric control panel	Dimensions * [mm]			Manifolds		Weight [kg]
		A	F	I	DN ASP	DN MAN	
GPT02/EH15/02I015T5	QE2T/15A	477.5	982.5	564.5	G 3"	G 2" ½	103
GPT02/EH15/03I022T5		477.5	1044.5	612.5			120
GPT02/EH15/04I030T5		477.5	1092.5	660.5			125
GPT02/EH20/04I040T5	QE2T/15A	477.5	934.5	946.5	G 3"	G 2" ½	80
GPT02/EH20/05I055T5		477.5	996.5	1008.5			92

* Dimensional tolerance ± 30 mm

GP...02 / EM SERIES - DELIVERY CHECK VALVE (VM)

GP...02 / EH 3-5



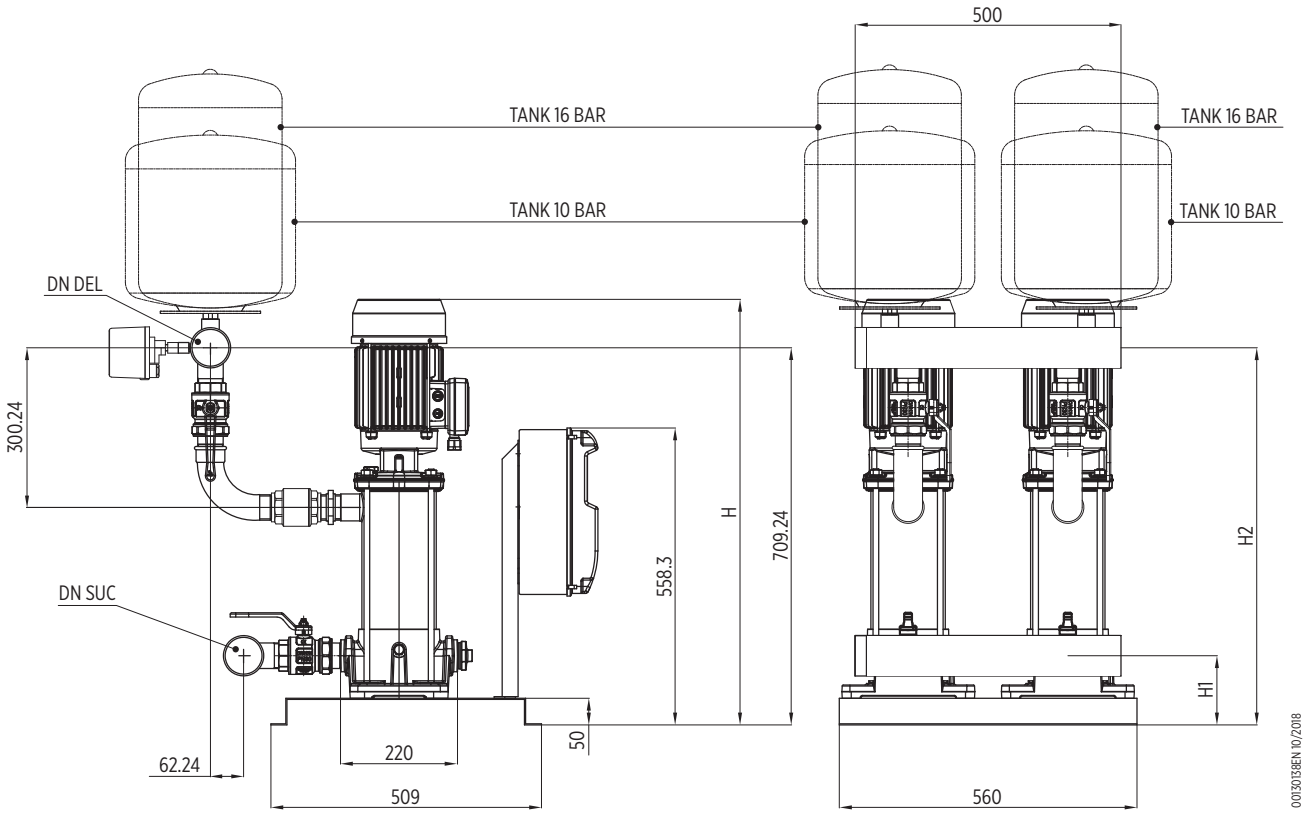
GPT 02 / EM 3-5 (THREE-PHASE VERSION)

Model	Electric control panel	Dimensions * [mm]			Manifolds		Weight [kg]
		H	H1	H2 (Vers. R)	DN ASP	DN MAN	
GPT02/EM3/03RG007T5	QE2T/15A	515.5	100	473.75	G 2"	G 2"	69
GPT02/EM3/04RG007T5		539.5	100	497.75			73
GPT02/EM3/05RG007T5		563.5	100	521.75			76
GPT02/EM3/06RG011T5		587.5	100	545.75			83
GPT02/EM3/07RG011T5		611.5	100	569.75			83
GPT02/EM3/08RG015T5		677.5	100	593.75			87
GPT02/EM3/09RG015T5		701.5	100	617.75			77
GPT02/EM5/03RG007T5	QE2T/15A	515.5	100	473.75	G 2"	G 2"	77
GPT02/EM5/04RG011T5		539.5	100	497.75			82
GPT02/EM5/05RG011T5		563.5	100	521.75			85
GPT02/EM5/06RG015T5		629.5	100	545.75			90
GPT02/EM5/07RG015T5		653.5	100	569.75			101
GPT02/EM5/08RG022T5		716.5	100	593.75			110
GPT02/EM5/09RG022T5		740.5	100	617.75			115

* Dimensional tolerance ± 30 mm

GP...02 / EM SERIES - DELIVERY CHECK VALVE (VM)

GP...02 / EM 9



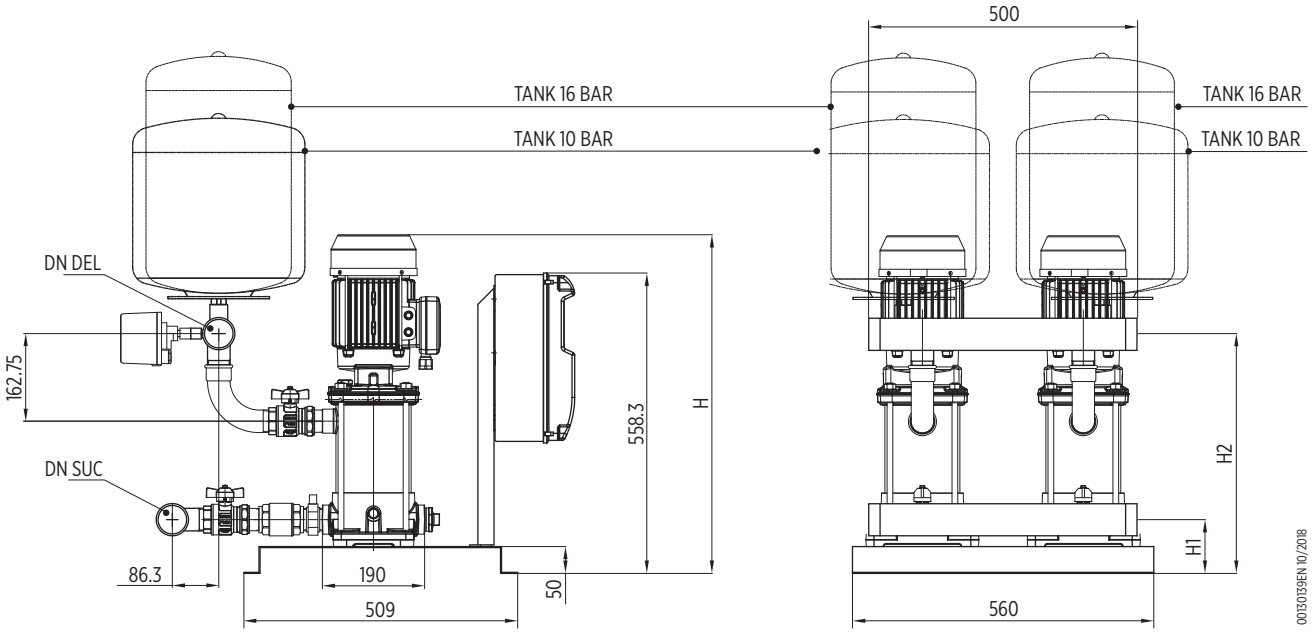
GPT 02 / EM 9 (THREE-PHASE VERSION)

Model	Electric control panel	Dimensions * [mm]			Manifolds		Weight [kg]
		H	H1	H2 (Vers. R)	DN ASP	DN MAN	
GPT02/EM9/03RG011T5	QE2T/15A	563.5	130	559.24	G 2" ½	G 2" ½	87
GPT02/EM9/04RG015T5		635.5	130	589.24			88
GPT02/EM9/05RG022T5		704.5	130	619.24			100
GPT02/EM9/06RG022T5		734.5	130	649.24			105
GPT02/EM9/07RG030T5		802.5	130	679.24			110
GPT02/EM9/08RG030T5		832.5	130	709.24			120

* Dimensional tolerance ± 30 mm

GP...02 / EM SERIES - SUCTION CHECK VALVE (VA)

GP...02 / EH 3-5



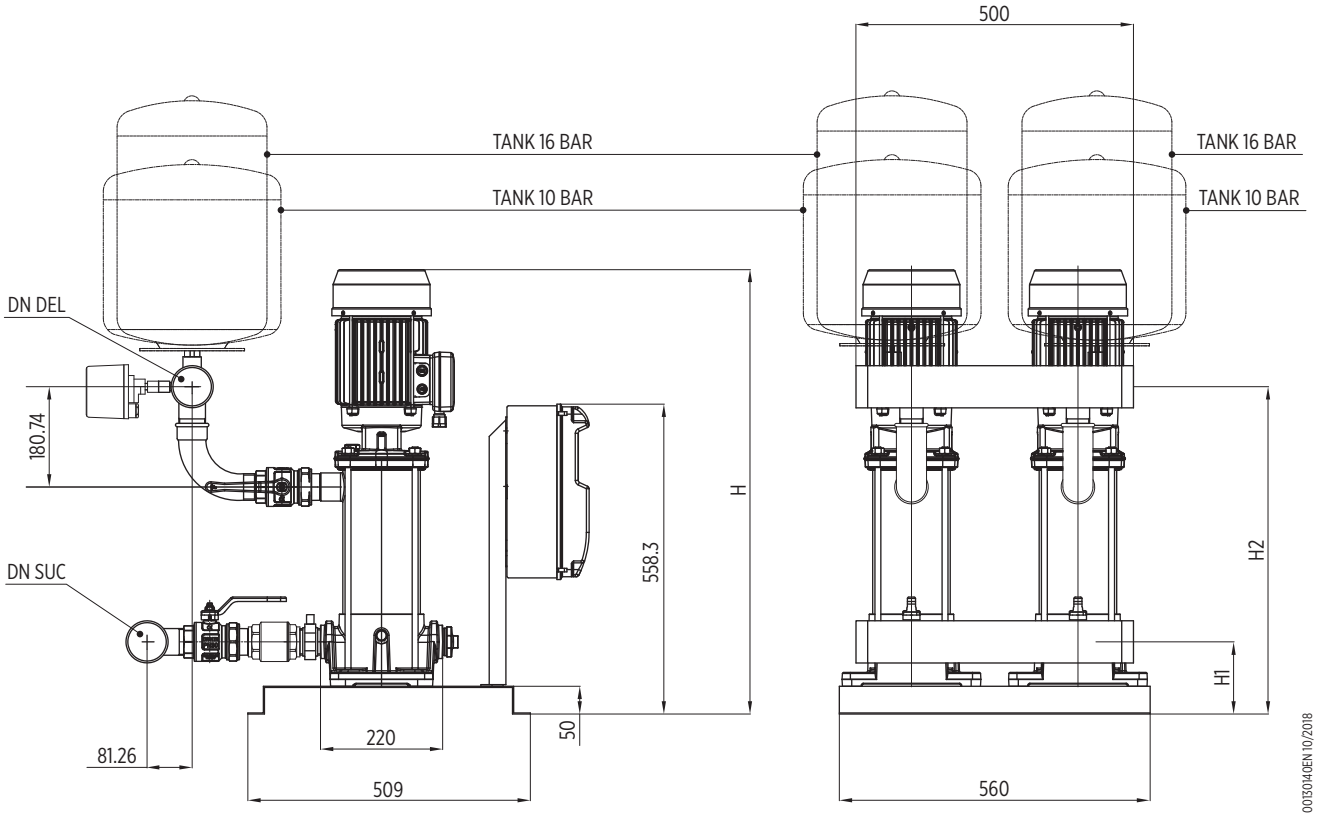
GPT 02 / EM 3-5 (THREE-PHASE VERSION)

Model	Electric control panel	Dimensions * [mm]			Manifolds		Weight [kg]
		H	H1	H2 (Vers. R)	DN ASP	DN MAN	
GPT02/EM3/03RG007T5	QE2T/15A	515.5	100	373.75	G 2"	G 2"	69
GPT02/EM3/04RG007T5		539.5	100	397.75			73
GPT02/EM3/05RG007T5		563.5	100	421.75			76
GPT02/EM3/06RG011T5		587.5	100	445.75			83
GPT02/EM3/07RG011T5		611.5	100	469.75			83
GPT02/EM3/08RG015T5		677.5	100	493.75			87
GPT02/EM3/09RG015T5		701.5	100	517.75			77
GPT02/EM5/03RG007T5	QE2T/15A	515.5	100	373.75	G 2"	G 2"	77
GPT02/EM5/04RG011T5		539.5	100	397.75			82
GPT02/EM5/05RG011T5		563.5	100	421.75			85
GPT02/EM5/06RG015T5		629.5	100	445.75			90
GPT02/EM5/07RG015T5		653.5	100	469.75			101
GPT02/EM5/08RG022T5		716.5	100	493.75			110
GPT02/EM5/09RG022T5		740.5	100	517.75			115

* Dimensional tolerance ± 30 mm

GP...02 / EM SERIES - SUCTION CHECK VALVE (VA)

GP...02 / EM 9



GPT 02 / EM 9 (THREE-PHASE VERSION)

Model	Electric control panel	Dimensions * [mm]			Manifolds		Weight [kg]
		H	H1	H2 (Vers. R)	DN ASP	DN MAN	
GPT02/EM9/03RG011T5	QE2T/15A	563.5	130	439.74	G 2" ½	G 2" ½	87
GPT02/EM9/04RG015T5		635.5	130	469.74			88
GPT02/EM9/05RG022T5		704.5	130	499.74			100
GPT02/EM9/06RG022T5		734.5	130	529.74			105
GPT02/EM9/07RG030T5		802.5	130	559.74			110
GPT02/EM9/08RG030T5		832.5	130	589.74			120

* Dimensional tolerance ± 30 mm

NOTES



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