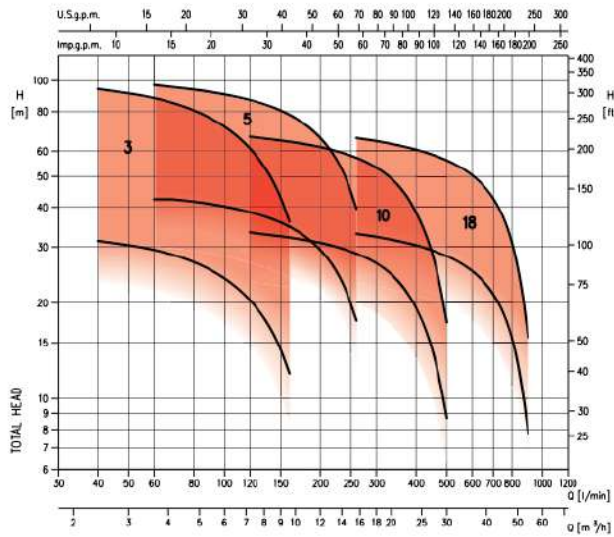


2GPE

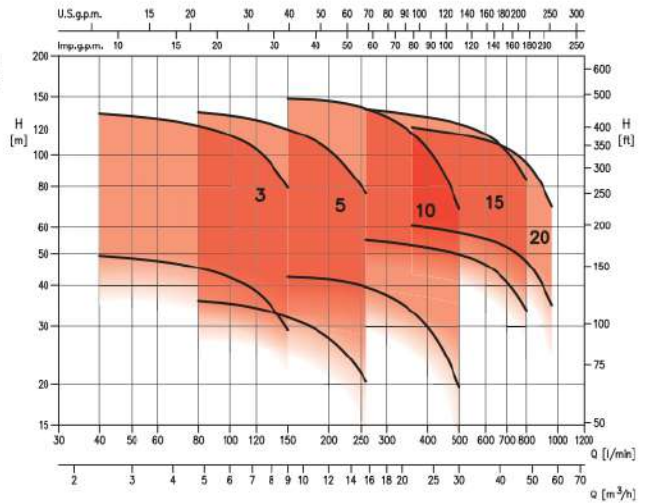


Booster units with two electric pumps assembled with inverter control unit

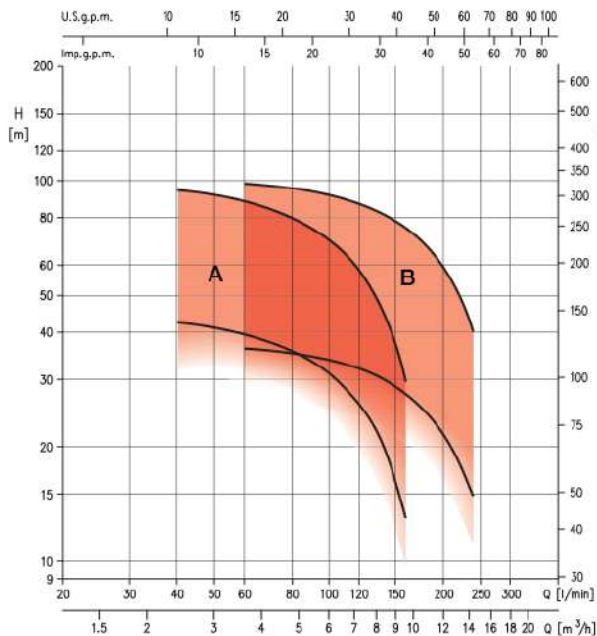
2GPE Matrix



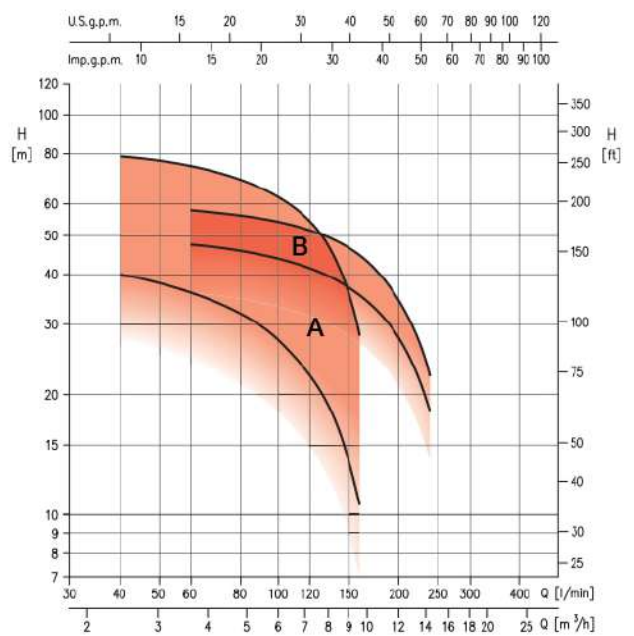
2GPE EVMSG



2GPE CVM



2GPE COMPACT



2GPE Hydrocontroller 3~

Booster units with two electric pumps assembled with inverter control unit

2GPE MATRIX con Hydrocontroller three phase: Booster units with two horizontal multistage pumps

Three phase supply inverter 400V - Three phase electric pump 400V											2 Poles			
Model	Code	HP	kW	Q=Flow rate								Abs. Curr. [A]* 400V	DNA DNM	
				l/min	40	60	90	120	160	260	320			500
				m ³ /h	2,4	3,6	5,4	7,2	9,6	15,6	19,2			30,0
H=Total head [m]														
2GPE MATRIX 3-4T/0,65 HYD 304M	2001704117B	0,9+0,9	0,65+0,65	42,0	39,1	34,0	27,2	16,0	-	-	-	2 x 6	G2	
2GPE MATRIX 3-5T/0,75 HYD 304M	2001704118M	1+1	0,75+0,75	52,5	49,0	42,5	34,0	20,0	-	-	-	2 x 6	G2	
2GPE MATRIX 3-6T/0,9 HYD 304M	2001704119M	1,2+1,2	0,9+0,9	62,5	58,5	51,0	41,0	24,0	-	-	-	2 x 6	G2	
2GPE MATRIX 3-7T/1,3 HYD 304M	2001704120M	1,8+1,8	1,3+1,3	73,0	68,5	59,5	47,5	28,0	-	-	-	2 x 6	G2	
2GPE MATRIX 3-8T/1,3 HYD 304M	2001704121M	1,8+1,8	1,3+1,3	83,5	78,0	68,0	54,5	32,0	-	-	-	2 x 6	G2	
2GPE MATRIX 3-9T/1,5 HYD 304M	2001704122M	2+2	1,5+1,5	94,0	88,0	76,5	61,0	36,0	-	-	-	2 x 6	G2	
2GPE MATRIX 5-4T/0,9 HYD 304M	2001704123M	1,2+1,2	0,9+0,9	-	43,0	41,0	38,6	34,7	17,6	-	-	2 x 6	G2	
2GPE MATRIX 5-5/1,3 HYD 304M	2001704124M	1,8+1,8	1,3+1,3	-	54,0	51,0	48,5	43,5	22,0	-	-	2 x 6	G2	
2GPE MATRIX 5-6T/1,3 HYD 304M	2001704125M	1,8+1,8	1,3+1,3	-	64,5	61,5	58,0	52,0	26,4	-	-	2 x 6	G2	
2GPE MATRIX 5-7T/1,5 HYD 304M	2001704126M	2+2	1,5+1,5	-	75,5	72,0	67,5	61,0	30,8	-	-	2 x 6	G2	
2GPE MATRIX 5-8T/2,2 HYD 304M	2001704127M	3+3	2,2+2,2	-	86,0	82,0	77,0	69,5	35,2	-	-	2 x 6	G2	
2GPE MATRIX 5-9T/2,2 HYD 304M	2001704128M	3+3	2,2+2,2	-	97,0	92,0	87,0	78,0	39,6	-	-	2 x 6	G2	
2GPE MATRIX 10-4T/1,5 HYD 304M	2001704129M	2+2	1,3+1,3	-	-	-	44,5	43,0	38,1	34,0	11,6	2 x 6	G2½	
2GPE MATRIX 10-5T/2,2 HYD 304M	2001704130M	3+3	1,5+1,5	-	-	-	55,5	53,5	47,5	42,5	14,5	2 x 6	G2½	
2GPE MATRIX 10-6T/2,2 HYD 304M	2001704131M	3+3	2,2+2,2	-	-	-	66,5	64,5	57,0	51,0	17,4	2 x 6	G2½	

* Max. absorbed current from the inverter

2GPE EVMSG con Hydrocontroller three phase: Booster units with two vertical multistage pumps

Three phase supply inverter 400V - Three phase electric pump 400V											2 Poles		
Model	Code	HP	kW	Q=Flow rate								Abs. Curr. [A]* 400V	DNA DNM
				l/min	40	60	80	120	150	200	260		
				m ³ /h	2,4	3,6	4,8	7,2	9,0	12,0	15,6		
H=Total head [m]													
2GPE EVMSG 3-8N/0,75 HYD 304M	2001881019B	1+1	0,75+0,75	56,5	54,5	51,5	44	33,4	-	-	2 x 6	G2	
2GPE EVMSG 3-10N/1,1 HYD 304M	2001881020B	1,5+1,5	1,1+1,1	70,5	68,0	64,5	54,5	41,5	-	-	2 x 6	G2	
2GPE EVMSG 5-7N/1,5 HYD 304M	2001881021B	2+2	1,5+1,5	-	-	63,0	59,5	56	48,5	35,7	2 x 6	G2	
2GPE EVMSG 5-8N/2,2 HYD 304M	2001881022B	3+3	2,2+2,2	-	-	72,0	68,0	64,0	55,0	41,0	2 x 6	G2	
2GPE EVMSG 5-9N/2,2 HYD 304M	2001881023B	3+3	2,2+2,2	-	-	81,0	77,0	72,0	62,0	46,0	2 x 6	G2	

* Max. absorbed current from the inverter

Versions on request:

2GPE Hydrocontroller Wi-Fi

Booster with 2 electropumps driven by hydrocontroller, having integrated wi-fi

All booster with 2 electropumps driven by Hydrocontroller are available on request in special version, with integrated wifi, adding an extra price of 150,00€ on the price list.

In case of wireless connection in the pump room, thanks to integrated wifi, many tasks on the booster can be done through remote website. For instance it is possible to:

1. Control booster functioning
2. Read functioning parameters and set of them
3. Receive technical assistance

Web access for Hydrocontroller remote control is free within purchasing solar year.

Access reference for website, valid for a specific product serial number and strictly necessary for remote control and assistance, are renewable yearly for 15,00€.

For further informations contact our sales network.

2GPE E-drive 1~



Booster units with two electric pumps assembled with inverter control unit

2GPE CVM with E-drive single phase: Booster units with two vertical multistage pumps

Single phase supply inverter 230V - Three phase electric pump 230V												2 Poles			
Model	Code	HP	kW	Q=Flow rate								Abs. Curr. [A]* 230V	DNA	DNM	
				I/min	40	60	80	100	120	160	200				240
				m ³ /h	2,4	3,6	4,8	6,0	7,2	9,6	12,0				14,4
H=Total head [m]															
2GPE CVM A/10 EDM 304M	2001651026M	1+1	0,75+0,75	57,5	54	49,5	43,5	36,6	19,5	-	-	2 x 15	G2	G2	
2GPE CVM A/12 EDM 304M	2001651027M	1,2+1,2	0,9+0,9	69	65	59,5	52,5	44	23,4	-	-	2 x 15	G2	G2	
2GPE CVM A/15 EDM 304M	2001651028M	1,5+1,5	1,1+1,1	80,5	75,5	69,5	61	51	27,3	-	-	2 x 15	G2	G2	
2GPE CVM B/15 EDM 304M	2001651029M	1,5+1,5	1,1+1,1	-	60,5	58,5	56,2	53,3	45,8	36	24,5	2 x 15	G2	G2	
2GPE CVM B/20 EDM 304M	2001651030M	2+2	1,5+1,5	-	74	72	69	65,5	56	44,5	30,6	2 x 15	G2	G2	

* Max. absorbed current from the Inverter

2GPE EVMSG with E-drive single phase: Booster units with two vertical multistage pumps

Single phase supply inverter 230V - Three phase electric pump 230V												2 Poles			
Model	Code	HP	kW	Q=Flow rate								Abs. Curr. [A]* 230V	DNA	DNM	
				I/min	40	80	120	150	200	260	360				500
				m ³ /h	2,4	4,8	7,2	9,0	12,0	15,6	21,6				30,0
H=Total head [m]															
2GPE EVMSG3 10N5/1,1 EDM 304M	2001881006B	1,5+1,5	1,1+1,1	70,5	64,5	54,5	41,5	-	-	-	-	2 x 15	G1½	G1½	
2GPE EVMSG5 7N5/1,5 EDM 304M	2001881007B	2+2	1,5+1,5	-	63	59,5	56	48,5	35,7	-	-	2 x 15	G2	G2	
2GPE EVMSG10 6N5/2,2 EDM 304M	2001881008B	3+3	2,2+2,2	-	-	-	-	63,5	62,5	50	29,5	2 x 20	G2½	G2½	

* Max. absorbed current from the Inverter

2GPE E-power 1~



Booster units with two electric pumps assembled with inverter control unit

2GPE COMPACT with E-power single phase: Booster units with two horizontal multistage pumps

Single phase supply inverter 230V - Three phase electric pump 230V											2 Poles			
Model	Code	HP	kW	Q=Flow rate								Abs. Curr. [A]* 230V	DNA DNM	
				l/min	40	60	80	100	120	160	200			240
				m ³ /h	2,4	3,6	4,8	6,0	7,2	9,6	12,0			14,4
H=Total head [m]														
2GPE COMPACT A/8 EPW 304M	2001051027B	0,8+0,8	0,6+0,6		39,7	36,1	32,0	27,4	22,4	10,5	-	-	2 x 10	G2
2GPE COMPACT A/10 EPW 304M	2001051028M	1+1	0,75+0,75		56,5	53,0	48,5	43,5	37,1	20,0	-	-	2 x 10	G2
2GPE COMPACT A/12 EPW 304M	2001051029M	1,2+1,2	0,9+0,9		67,5	63,5	58,5	52,5	45,0	24,0	-	-	2 x 10	G2
2GPE COMPACT B/12 EPW 304M	2001051030M	1,2+1,2	0,9+0,9		-	47,5	46,0	43,5	41,5	35,2	27,6	18,0	2 x 10	G2
2GPE COMPACT B/15 EPW 304M	2001051031M	1,5+1,5	1,1+1,1		-	58,0	56,0	54,0	51,5	44,5	34,5	22,0	2 x 10	G2

* Max. absorbed current from the inverter

2GPE CVM with E-power single phase: Booster units with two vertical multistage pumps

Single phase supply inverter 230V - Three phase electric pump 230V											2 Poles			
Model	Code	HP	kW	Q=Flow rate								Abs. Curr. [A]* 230V	DNA DNM	
				l/min	40	60	80	100	120	160	200			240
				m ³ /h	2,4	3,6	4,8	6,0	7,2	9,6	12,0			14,4
H=Total head [m]														
2GPE CVM A/10 EPW 304M	2001651046M	1+1	0,75.0,75		57,5	54	49,5	43,5	36,6	19,5	-	-	2 x 10	G2
2GPE CVM A/12 EPW 304M	2001651047M	1,2+1,2	0,9+0,9		69	65	59,5	52,5	44	23,4	-	-	2 x 10	G2
2GPE CVM B/12 EPW 304M	2001651048M	1,2+1,2	0,9+0,9		80,5	75,5	69,5	61	51	27,3	-	-	2 x 10	G2
2GPE CVM B/15 EPW 304M	2001651049M	1,5+1,5	1,1+1,1		-	60,5	58,5	56,2	53,3	45,8	36	24,5	2 x 10	G2
2GPE CVM B/20 EPW 304M	2001651050M	2+2	1,5+1,5		-	74	72	69	65,5	56	44,5	30,6	2 x 10	G2

* Max. absorbed current from the inverter

2GPE MATRIX with E-power single phase: Booster units with two horizontal multistage pumps

Single phase supply inverter 230V - Three phase electric pump 230V											2 Poles		
Model	Code	HP	kW	Q=Flow rate								Abs. Curr. [A]* 230V	DNA DNM
				l/min	40	60	90	120	160	200	260		
				m ³ /h	2,4	3,6	5,4	7,2	9,6	12,0	15,6		
H=Total head [m]													
2GPE MATRIX 3-3T/0,65 EPW 304M	2001704058B	0,9+0,9	0,65+0,65		31,4	29,3	25,5	20,4	12,0	-	-	2 x 10	G2
2GPE MATRIX 3-4T/0,65 EPW 304M	2001704066B	0,9+0,9	0,65+0,65		42,0	39,1	34,0	27,2	16,0	-	-	2 x 10	G2
2GPE MATRIX 3-5T/0,75 EPW 304M	2001704059M	1+1	0,75+0,75		52,5	49,0	42,5	34,0	20,0	-	-	2 x 10	G2
2GPE MATRIX 3-6T/0,9 EPW 304M	2001704060M	1,2+1,2	0,9+0,9		62,5	58,5	51,0	41,0	24,0	-	-	2 x 10	G2
2GPE MATRIX 3-7T/1,3 EPW 304M	2001704061M	1,8+1,8	1,3+1,3		73,0	68,5	59,5	47,5	28,0	-	-	2 x 10	G2
2GPE MATRIX 5-3T/0,65 EPW 304M	2001704062B	0,9+0,9	0,65+0,65		-	32,3	30,7	29,0	26,0	22,0	13,2	2 x 10	G2
2GPE MATRIX 5-4T/0,9 EPW 304M	2001704063M	1,2+1,2	0,9+0,9		-	43,0	41,0	38,6	34,7	29,4	17,6	2 x 10	G2
2GPE MATRIX 5-5T/1,3 EPW 304M	2001704064M	1,8+1,8	1,3+1,3		-	54,0	51,0	48,5	43,5	36,7	22,0	2 x 10	G2
2GPE MATRIX 5-6T/1,3 EPW 304M	2001704065M	1,8+1,8	1,3+1,3		-	64,5	61,5	58,0	52,0	44,0	26,4	2 x 10	G2

* Max. absorbed current from the inverter

2GPE EVMSG with E-power single phase: Booster units with two vertical multistage pumps

Single phase supply inverter 230V - Three phase electric pump 230V											2 Poles		
Model	Code	HP	kW	Q=Flow rate								Abs. Curr. [A]* 230V	DNA DNM
				l/min	40	60	80	120	150	200	260		
				m ³ /h	2,4	3,6	4,8	7,2	9,0	12,0	15,6		
H=Total head [m]													
2GPE EVMSG 3-9N/1,1 EPW 304M	2001881017B	1,5+1,5	1,1+1,1		63,5	61	58	49	37,6	-	-	2 x 10	G2
2GPE EVMSG 5-7N/1,5 EPW 304M	2001881018B	2+2	1,5+1,5		-	-	63	59,5	56	48,5	35,7	2 x 10	G2

* Max. absorbed current from the inverter

2GPE E-drive 3~



Booster units with two electric pumps assembled with inverter control unit

2GPE CVM with E-drive three phase: Booster units with two vertical multistage pumps

Three phase supply inverter 400V - Three phase electric pump 400V											2 Poles			
Model	Code	HP	kW	Q=Flow rate								Abs. Curr. [A]* 400V	DNA DNM	
				l/min	40	60	80	100	120	160	200			240
				m ³ /h	2,4	3,6	4,8	6,0	7,2	9,6	12,0			14,4
H=Total head [m]														
2GPE CVM A/10 EDT 304M	2001651036M	1+1	0,75+0,75	57,5	54	49,5	43,5	36,6	19,5	-	-	2 x 10	G2	
2GPE CVM A/12 EDT 304M	2001651037M	1,2+1,2	0,9+0,9	69	65	59,5	52,5	44	23,4	-	-	2 x 10	G2	
2GPE CVM A/15 EDT 304M	2001651038M	1,5+1,5	1,1+1,1	80,5	75,5	69,5	61	51	27,3	-	-	2 x 10	G2	
2GPE CVM B/15 EDT 304M	2001651039M	1,5+1,5	1,1+1,1	-	60,5	58,5	56,2	53,3	45,8	36	24,5	2 x 10	G2	
2GPE CVM B/20 EDT 304M	2001651034M	2+2	1,5+1,5	-	74	72	69	65,5	56	44,5	30,6	2 x 10	G2	
2GPE CVM B/23 EDT 304M	2001651035M	2,3+2,3	1,7+1,7	-	98,5	96,0	92,0	87,0	74,5	59,0	41,0	2 x 10	G2	

* Max. absorbed current from the inverter

2GPE EVMSG with E-drive three phase: Booster units with two vertical multistage pumps

Three phase supply inverter 400V - Three phase electric pump 400V											2 Poles			
Model	Code	HP	kW	Q=Flow rate							Abs. Curr. [A]* 400V	DNA DNM		
				l/min	80	120	150	200	260	300			360	500
				m ³ /h	4,8	7,2	9,0	12,0	15,6	18,0			21,6	30,0
H=Total head [m]														
2GPE EVMSG5 8N5/2,2 ETM EDT	2001881009B	3+3	2,2+2,2	72,0	68,0	64,0	55,0	41,0	-	-	-	2 x 10	G2	
2GPE EVMSG5 9N5/2,2 ETM EDT	2001881010B	3+3	2,2+2,2	81,0	77,0	72,0	62,0	46,0	-	-	-	2 x 10	G2	
2GPE EVMSG10 6N5/2,2 ETM EDT	2001881011B	3+3	2,2+2,2	-	-	63,5	62,5	59,0	56,0	50,0	29,5	2 x 10	G2½	
2GPE EVMSG10 7N5/3 ETM EDT	2001881012B	4+4	3+3	-	-	74,0	73,0	69,0	65,5	58,0	34,4	2 x 13,5	G2½	
2GPE EVMSG10 8N5/3 ETM EDT	2001881013B	4+4	3+3	-	-	84,5	83,5	79,0	74,5	66,5	39,3	2 x 13,5	G2½	

* Max. absorbed current from the inverter

Three phase supply inverter 400V - Three phase electric pump 400V											2 Poles		
Model	Code	HP	kW	Q=Flow rate						Abs. Curr. [A]* 400V	DNA DNM		
				l/min	260	360	400	500	600			800	960
				m ³ /h	15,6	21,6	24,0	30,0	36,0			48,0	57,6
H=Total head [m]													
2GPE EVMSG15 4N5/4 EDT 304M	2001881024B	5+5	4+4	55,0	53,0	52,0	50,0	46,5	33,6	-	2 x 13,5	G3	
2GPE EVMSG15 5N5/5,5 EDT 304M	2001881014B	7,5+7,5	5,5+5,5	69,0	66,0	65,0	62,0	58,0	42,0	-	2 x 16	G3	
2GPE EVMSG15 6N5/5,5 EDT 304M	2001881015B	7,5+7,5	5,5+5,5	82,5	79,5	78,0	74,5	69,5	50,5	-	2 x 16	G3	
2GPE EVMSG20 4N5/5,5 EDT 304M	2001881016B	7,5+7,5	5,5+5,5	-	61,0	60,0	58,0	55,4	47,3	34,9	2 x 16	DN100	

* Max. absorbed current from the inverter

2GPE



Booster units with two electric pumps assembled with inverter control unit

Inverter-controlled groups with two electrical pumps, ideal for applications such as the water supply for distribution networks relating to the building service sector, to water supply for industry in general, the irrigation of gardens, parks and sports fields.



Booster Sets suitable for the application of a membrane (membrane not included)



High versatility



Small dimensions

Technical data

Max. working pressure	10 bar for 2GPE CVM/MATRIX/COMPACT
	12 bar for 2GPE EVMSG E-power or Hydrocontroller
	16 bar for 2GPE EVMSG with E-drive
Max. temperature of the liquid	40°C for 2GPE COMPACT/CVM, 2GPE MATRIX/EVMSG with E-power or Hydrocontroller
	50°C for 2GPE MATRIX/EVMSG with E-drive
Poles	2
Insulation class	F
Protection degree	IP44 for 2GPE COMPACT/CVM
	IP55 for 2GPE MATRIX/EVMSG
Voltage	Single phase 230V ±10%
	Three phase 400V ±10%



Inverter E-power

For more information about E-power see page 364



Inverter Hydrocontroller

For more information about Hydrocontroller see page 365



Inverter E-drive

For more information about E-drive see page 362

Versions



2GPE E-drive single phase

CVM - see page 113
EVMSG - see page 121



2GPE E-power single phase

COMPACT - see page 106
CVM - see page 113
MATRIX - see page 109



2GPE E-drive three phase

CVM - see page 113
EVMSG - see page 121



2GPE Hydrocontroller three phase

MATRIX - see page 109
EVMSG - see page 121