

CVM



Vertical multistage centrifugal pumps in cast iron

Reliable vertical multistage electric centrifugal pumps with very low noise and easy of maintenance. Suitable for increasing pressure in general, pressure boosting systems, irrigation, washing systems and handling clean water.



Pump supplied with counter-flanges



Easy maintenance



Practical and easy to use



Low noise

Materials

Pump body	Cast iron
Impeller	PPE+PS reinforced with fibreglass
Shaft	AISI 416
Mechanical seal	Ceramic/Carbon/NBR (standard)
Motor support	Cast iron

Technical data

Max. working pressure	11 bar
Max. temperature of the liquid	40°C
MEI	> 0,4
Poles	2
Insulation class	F
Protection degree	IP44
Voltage	Single phase 230V ±10% Three phase 230/400V ±10%

Accessories



Tanks

Page 384 - 8/10/16 bar 5/24 litres tanks



Floats

Page 379 - Key floats with counterweight



Pressure switches

Page 379 - 1,4÷10,5 bar pressure switches



Control panels and Control systems

Page 366 - **Presscomfort**

Pressure regulator

Page 364 - **E-power**

Variable speed control systems

Page 362 - **E-drive**

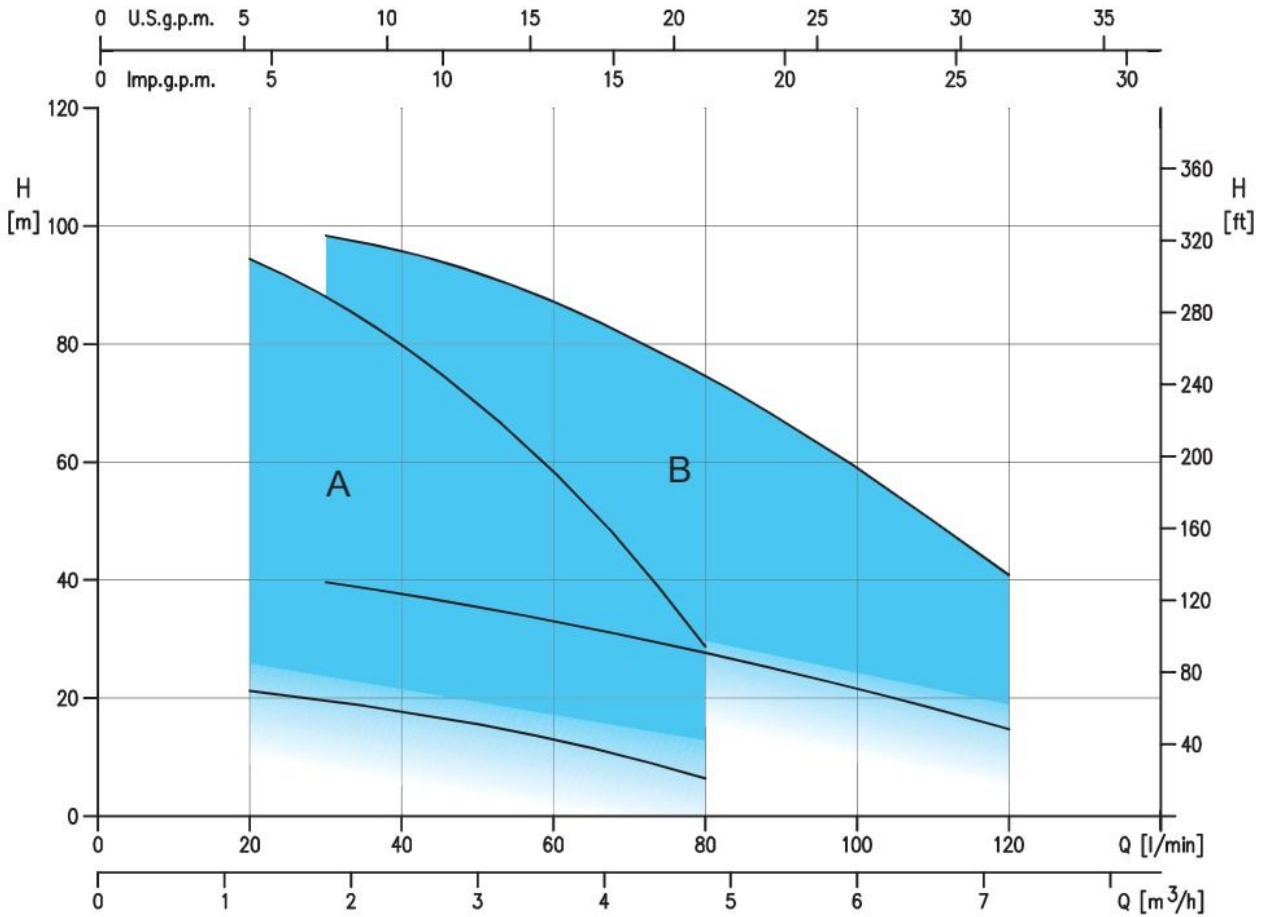
Variable speed control systems

Page 367 - **Control panels**

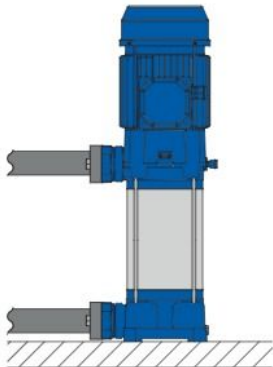
1EP-E SERIES, QA50/B - QA60/C, SMART

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Installation



CVM centrifugal pumps, thanks to their reduced dimensions, result easy to install also in that situations where space are small or difficult to reach. Its sturdy and reliable construction, provide high performance in the application where, as a the water distribution, long – life working without a demanding maintenance is required.



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Single phase 230V												2 Poles			
Model	Code	HP	kW	Q=Flow rate								Abs. Curr. [A] 230V	DNA	DNM	Weight [kg]
				l/min m³/h	20 1,2	30 1,8	40 2,4	60 3,6	80 4,8	100 6	120 7,2				
H=Total head [m]															
CVM AM/4	2170000000	0,4	0,3	21,2	19,7	17,8	13,0	6,4	-	-	2,6	G1¼	G1¼	11,0	
CVM AM/6	2170010000	0,6	0,44	31,8	29,5	26,7	19,4	9,6	-	-	3,2	G1¼	G1¼	11,7	
CVM AM/8	2170020000	0,8	0,6	42,5	39,4	35,6	25,9	12,8	-	-	4	G1¼	G1¼	12,7	
CVM AM/10	2170030000	1	0,75	57,5	54,0	49,5	36,6	19,5	-	-	6	G1¼	G1¼	16,5	
CVM AM/12	2170040000	1,2	0,9	69,0	65,0	59,5	44,0	23,4	-	-	6,5	G1¼	G1¼	17,5	
CVM AM/15	2170050000	1,5	1,1	80,5	75,5	69,5	51,0	27,3	-	-	7,2	G1¼	G1¼	18,5	
CVM/A AM/18	2170100000A	1,8	1,3	94,5	88,0	80,0	58,5	28,8	-	-	7,8	G1¼	G1¼	21,2	
CVM BM/10	2170060000	1	0,75	-	36,2	35,1	32,0	27,5	21,6	14,7	5,6	G1¼	G1¼	15,9	
CVM BM/12	2170070000	1,2	0,9	-	48,0	46,8	42,6	36,6	28,8	19,6	6,2	G1¼	G1¼	16,8	
CVM BM/15	2170080000	1,5	1,1	-	60,5	58,5	53,3	45,8	36,0	24,5	7,4	G1¼	G1¼	18,0	
CVM/A BM/20	2170090000A	2	1,5	-	74,0	72,0	65,5	56,0	44,5	30,6	8,3	G1¼	G1¼	21,3	
CVM BM/23	2170110000	2,3	1,7	-	86,0	84,0	76,5	65,5	51,5	35,7	9,6	G1¼	G1¼	22,6	

Pumps supplied with counterflanges

Three phase 230/400V												2 Poles				
Model	Code	HP	kW	Q=Flow rate								Abs. Curr. [A]		DNA	DNM	Weight [kg]
				l/min m³/h	20 1,2	30 1,8	40 2,4	60 3,6	80 4,8	100 6	120 7,2	230V	400V			
H=Total head [m]																
CVM A/4	2170000004	0,4	0,3	21,2	19,7	17,8	13,0	6,4	-	-	1,9	1,1	G1¼	G1¼	11,0	
CVM A/6	2170010004	0,6	0,44	31,8	29,5	26,7	19,4	9,6	-	-	2,3	1,3	G1¼	G1¼	11,6	
CVM A/8	2170020004	0,8	0,6	42,5	39,4	35,6	25,9	12,8	-	-	2,8	1,6	G1¼	G1¼	12,6	
CVM/I A/10	2170030004I	1	0,75	57,5	54,0	49,5	36,6	19,5	-	-	3	1,7	G1¼	G1¼	16,6	
CVM/I A/12	2170040004I	1,2	0,9	69,0	65,0	59,5	44,0	23,4	-	-	4,3	2,5	G1¼	G1¼	18,4	
CVM/I A/15	2170050004I	1,5	1,1	80,5	75,5	69,5	51,0	27,3	-	-	4,3	2,5	G1¼	G1¼	18,6	
CVM/I A/18	2170100004I	1,8	1,3	94,5	88,0	80,0	58,5	28,8	-	-	5,8	3,3	G1¼	G1¼	22,7	
CVM/I B/10	2170060004I	1	0,75	-	36,2	35,1	32,0	27,5	21,6	14,7	3	1,7	G1¼	G1¼	15,9	
CVM/I B/12	2170070004I	1,2	0,9	-	48,0	46,8	42,6	36,6	28,8	19,6	4,3	2,5	G1¼	G1¼	17,5	
CVM/I B/15	2170080004I	1,5	1,1	-	60,5	58,5	53,3	45,8	36,0	24,5	4,3	2,5	G1¼	G1¼	17,9	
CVM/I B/20	2170090004I	2	1,5	-	74,0	72,0	65,5	56,0	44,5	30,6	6,6	3,8	G1¼	G1¼	23,7	
CVM/I B/23	2170110004I	2,3	1,7	-	86,0	84,0	76,5	65,5	51,5	35,7	7,1	4,1	G1¼	G1¼	24,3	
CVM/I B/25	2170120004I	2,5	1,85	-	98,5	96,0	87,0	74,5	59,0	41,0	8,2	4,7	G1¼	G1¼	24,6	

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