

CMR



Open impeller centrifugal pumps in cast iron

Cast iron single-impeller centrifugal pumps suitable for domestic water system boosting, small-scale irrigation, handling non-aggressive liquids for residential, commercial and industrial use, washing systems and vehicle washing. They can be installed in complex machinery for industrial use.



Available
with brass
impeller



Possibility
to install in
machinery for
industrial use

Materials

Pump body	Cast iron
Impeller	Brass
Shaft	in AISI 303 (part in contact with the liquid)
Mechanical seal	Ceramic/Carbon/NBR (standard)
Motor support	Aluminium

Technical data

Max. working pressure	6 bar
Max. temperature of the liquid	90°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 bar 5/10 litres tanks



Floats

Page 379 - **Key floats with counterweight**



Pressure switches

Page 379 - **1,3÷12 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**

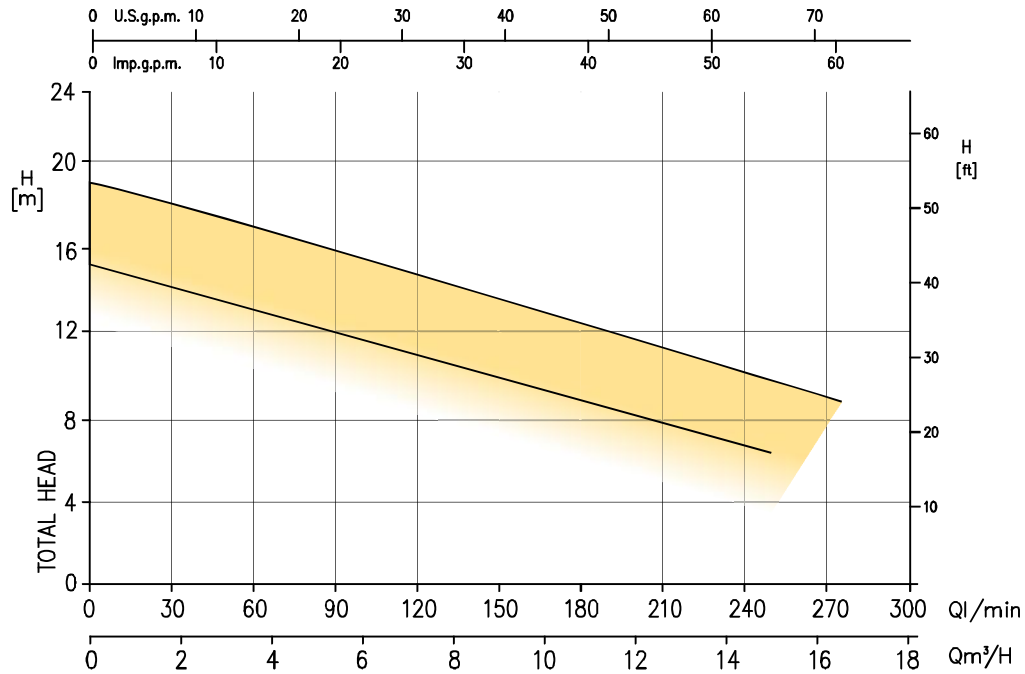
Variable speed control systems

Page 367 - **Control panels**

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

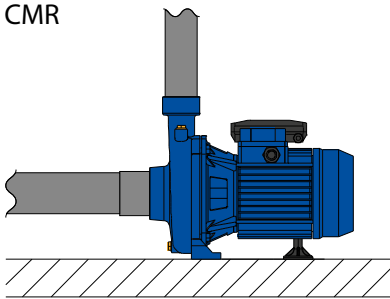
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Installation

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CMR series 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.

Single phase 230V

2 Poles

Model	Code	HP	kW	Q=Flow rate					Abs. Curr. [A] 230V	DNA	DNM	Weight [kg]	
				l/min m³/h	50 3	100 6	200 12	250 15					275 17,5
H=Total head [m]													
CMR 0,75 M	1200090000	0,75	0,55		13,6	11,4	8,1	6,3	-	3,8	G1½	G1½	10,7
CMR 1,00 M	1200100000	1	0,75		17,3	15,4	11,5	9,6	8,7	4,85	G1½	G1½	11,9

Three phase 230/400V

2 Poles

Model	Code	HP	kW	Q=Flow rate					Abs. Curr. [A]		DNA	DNM	Weight [kg]	
				l/min m³/h	50 3	100 6	200 12	250 15	275 17,5	230V				400V
H=Total head [m]														
CMR 0,75 T	1200090004	0,75	0,55		13,6	11,4	8,1	6,3	-	2,8	1,6	G1½	G1½	10,7
CMR/ 1,00 T	1200100004I	1	0,75		17,3	15,4	11,5	9,6	8,7	3	1,7	G1½	G1½	12,7