CDA

Twin impeller centrifugal pumps in cast iron

Cast iron twin 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

Materials

Pump body	Cast iron
Impeller	in PPE+PS reinforced with fibreglass for CDA 0.75 - 1.00, in brass for the rest of the range
Shaft	in AISI 303 for CDA 0.75 - 1.00 - 1.50 - 2.00 - 3.00, in AISI 304 for CDA 4.00 - 5.50
Mechanical seal	Ceramic/Carbon/NBR (standard)
Motor support	in aluminium for CDA 0.75 - 1.00 in cast iron for the rest of the range

Technical data

Max. working pressure	6 bar for CDA 0.75-1.00 10 bar for the rest of the range
Max. temperature of the liquid	40°C for CDA 0.75-1.00, 90°C for the rest of the range
Poles	2
Insulation class	F
Protection degree	IP44
Voltage	Single phase 230V ±10% Three phase 230/400V ±10%

Accessories

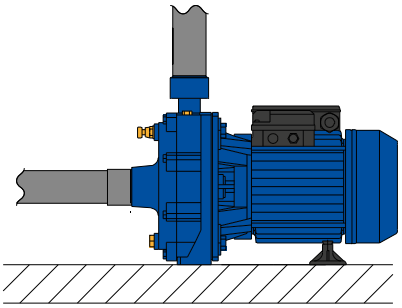
Tanks
Page 384 - **8/10 bar 5/10 litres tanks**

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

Installation



CDA 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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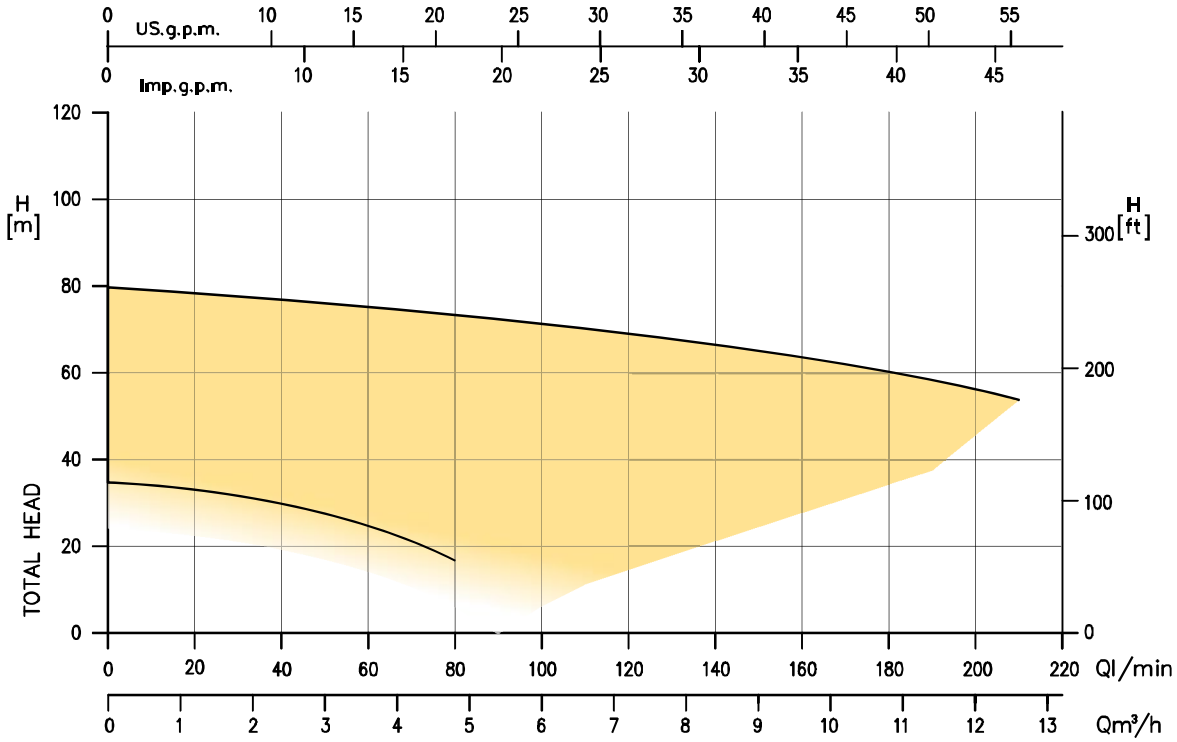

Single phase 230V														2 Poles
Model	Code	HP	kW	Q=Flow rate								Abs. Curr. [A] 230V	DNA	DNM	Weight [kg]
				l/min	20	40	50	80	90	100	110				
				m³/h	1,2	2,4	3	4,8	5,4	6	6,6				
				H=Total head [m]											
CDA/A 0.75 M	1210090000A	0,75	0,55		33,0	30,2	27,9	17,0	-	-	-	5	G1	G1	13,8
CDA/A 0.75 M GO	1210090100A	0,75	0,55		33,0	30,2	27,9	17,0	-	-	-	5	G1	G1	13,8
CDA 1.00 M	1210100000	1	0,75		39,5	37,0	35,2	27,0	21,0	-	-	6,1	G1	G1	15,0
CDA 1.00 M GO	1210100100	1	0,75		39,5	37,0	35,2	27,0	21,0	-	-	6,1	G1	G1	15,0
CDA/B 1.50 M	1210150000B	1,5	1,1		50,8	48,8	47,1	38,4	33,4	27,5	-	8,6	G1¼	G1	24,2
CDA/A 2.00 M	1210200000A	2	1,5		60,5	58,6	56,9	49,8	46,5	40,3	32,5	10,8	G1¼	G1	26,0

GO= Version with brass impeller

Three phase 230/400V															2 Poles
Model	Code	HP	kW	Q=Flow rate								Abs. Curr. [A]		DNA	DNM	Weight [kg]
				l/min	20	40	50	80	110	140	170					
				m³/h	1,2	2,4	3	4,8	6,6	8,4	10,2	230V	400V			
				H=Total head [m]												
CDA/A 0.75 T	1210090004A	0,75	0,55		33,0	30,2	27,9	17,0	-	-	-	3,4	2,0	G1	G1	13,8
CDA/I 1.00 T	1210100004I	1	0,75		39,5	37,0	35,2	27,0	-	-	-	3,3	1,9	G1	G1	15,0
CDA/I 1.00 T GO	1210100104I	1	0,75		39,5	37,0	35,2	27,0	-	-	-	3,3	1,9	G1	G1	15,0
CDA/I 1.50 T	1210150004I	1,5	1,1		50,8	48,8	47,1	38,4	-	-	-	5,8	3,3	G1¼	G1	25,8
CDA/I 2.00 T	1210200004I	2	1,5		60,5	58,6	56,9	49,8	32,5	-	-	7,9	4,6	G1¼	G1	28
CDA/I 3.00 T	1210300004I	3	2,2		-	60,5	59,3	54,1	44,6	32,0	-	8,5	4,9	G1¼	G1	26,7
CDA/I 4.00 T	1210400004I	4	3		-	-	67,0	64,8	62,0	58,0	53,5	11,7	6,8	G1½	G1¼	46,8
CDA/I 5.50 T	1210550004I	5,5	4		-	-	76,5	73,9	70,5	66,8	62,0	15,1	8,7	G1½	G1¼	52

GO= Version with brass impeller