

CENTRIFUGAL PUMPS - TWIN IMPELLER in cast iron

Twin impeller centrifugal pumps with hydraulic parts manufactured from cast iron, suitable for irrigation and non-aggressive liquids for civil and industrial uses.



SPECIFICATIONS

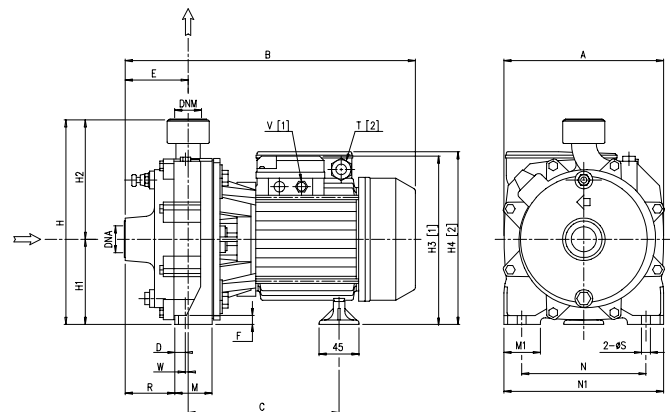
- Maximum working pressure: 6 bar for CDA 076-106
10 bar for other models
- Maximum liquid temperature:
35°C for domestic uses (According to EN 60335-2-41)
40°C for CDA 076-106
90°C for other models

MATERIALS

- Pump body in cast iron
- Mechanical seal in carbon/ceramic/NBR
- Impeller: - in tecnopolymer for CDA 076-106
- in brass for the other models
- Shaft: - in AISI 303 for CDA 156-206-306
- in AISI 304 for CDA 406-556
- in AISI 416 for the other models
- Bracket: - in alluminium for CDA 076-106
- in cast iron for the other models
- Casing cover: - in AISI 304 for CDA 076-106
- in cast iron for the other models

TECHNICAL DATA

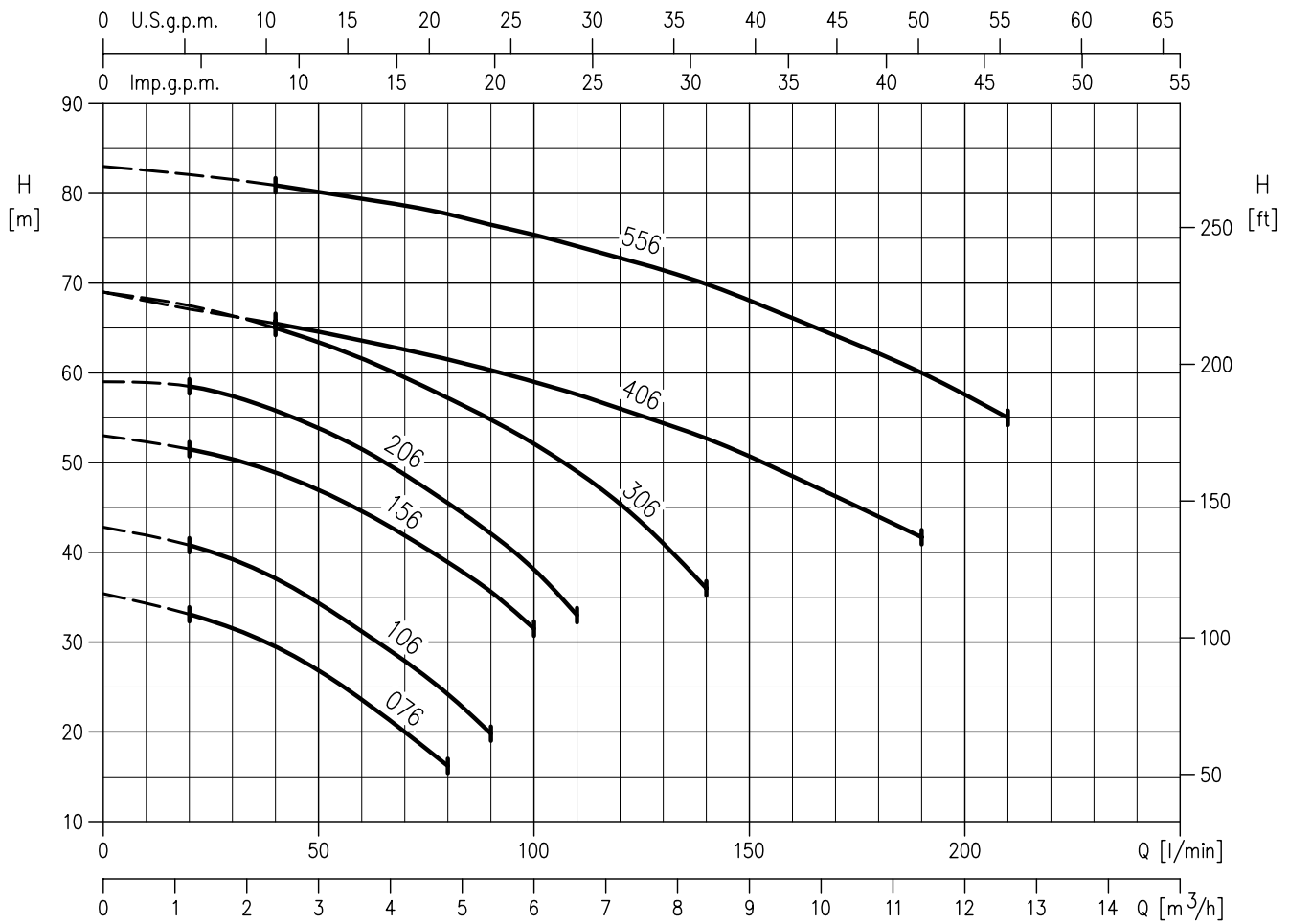
- T.E.F.C. 2 poles motor
 - Insulation class F
 - Protection degree IP 44
 - Single-phase standard voltage: 220-230V $\pm 6\%$
Three-phase standard voltage: 220/380V -6% +10%
(Capacitor permanently on, built-in thermo-amperometric protection).
- Suitable motor protection set must be provided by the user for three-phase version.



DIMENSIONAL TABLE

Pump type	Dimensions [mm]																				Weight [kg]		
	A	B	C	D	E	F	H	H1	H2	H3	H4	M	M1	N	N1	R	T	V	W	S		DNA	DNM
CDA 076M	183	336,3	179,8	8,3	73	9	227	97	130	-	198	42	40	140	180	57,5	PG11	-	6,8	9,5	G 1	G1	13,3
CDA 076T	183	336,3	179,8	8,3	73	9	227	97	130	197,5	-	42	40	140	180	57,5	-	PG11	6,8	9,5	G 1	G1	13,8
CDA 106M	183	336,3	179,8	8,3	73	9	227	97	130	-	198	42	40	140	180	57,5	PG11	-	6,8	9,5	G 1	G1	14,5
CDA 106T	183	336,3	179,8	8,3	73	9	227	97	130	197,5	-	42	40	140	180	57,5	-	PG11	6,8	9,5	G 1	G1	15
CDA 156M	209	394,8	218,3	8,3	86	9	265	110	155	-	242	48	40	155	195	65,5	PG13.5	-	12,3	9,5	G1 1/4	G1	23,6
CDA 156T	194	394,8	218,3	8,3	86	9	265	110	155	224	-	48	40	155	195	65,5	-	PG11	12,3	9,5	G1 1/4	G1	23
CDA 206M	209	410,8	218,3	8,3	86	9	265	110	155	-	242	48	40	155	195	65,5	PG13.5	-	12,3	9,5	G1 1/4	G1	25,5
CDA 206T	194	394,8	218,3	8,3	86	9	265	110	155	224	-	48	40	155	195	65,5	-	PG11	12,3	9,5	G1 1/4	G1	25,2
CDA 306T	194	410,8	218,3	8,3	86	9	265	110	155	224	-	48	40	155	195	65,5	-	PG11	12,3	9,5	G1 1/4	G1	25,8
CDA 406T	228	467,3	225,3	12	95,5	12	308,5	133,5	175	264,5	-	57	50	180	230	71,5	-	G1 1/2	12,0	12	G1 1/2	G1 1/4	42,5
CDA 556T	228	467,3	225,3	12	95,5	12	308,5	133,5	175	264,5	-	57	50	180	230	71,5	-	G1 1/2	12,0	12	G1 1/2	G1 1/4	46,5

PERFORMANCE CURVES CDA (according to ISO 9906 Annex A)



PERFORMANCE TABLE

Pump type		Output		Absorbed current [A]			Q =Capacity												
Single-phase 220-230V 60Hz	Three-phase 220/380V 60Hz	kW	HP	Absorbed current [A]			Q =Capacity												
				Single-phase 220-230V	Three-phase 230V	380V	l/min	0	20	40	60	80	90	100	110	120	140	160	190
							H=Total manometric head in meters												
CDA 076 M	CDA 076 T	0,55	0,75	4.4	2.6	1.5	35.4	33.1	29.5	23.5	16.2	-	-	-	-	-	-	-	-
CDA 106 M	CDA 106 T	0,75	1	5.5	3.8	2.2	43	41	37	31	24	19.8	-	-	-	-	-	-	-
CDA 156 M	CDA 156 T	1,1	1,5	9.1	6	3.4	53	51.5	49	44.5	39	35.5	31.5	-	-	-	-	-	-
CDA 206 M	CDA 206 T	1,5	2	10.5	6.7	3.9	59	58.5	56	51.5	45.5	42	38	33	-	-	-	-	-
-	CDA 306 T	2,2	3	-	9	5.2	69	-	65	61.5	57	55	52	49	45.5	36	-	-	-
-	CDA 406 T	3	4	-	12.5	7.2	69	-	65.5	63.5	61.5	60.5	59	57.5	56	52.5	48.5	41.5	-
-	CDA 556 T	4	5,5	-	17	9.8	83	-	81	79.5	77.5	76.5	75.5	74	73	70	66	60	55