

ACM & CT SERIES

CTB / CTS

These pumps are available in both single-phase and three-phase models. Single-phase variants come equipped with thermal protection to prevent winding.



- Residences & commercial buildings
- Gardens
- Sprinkler systems
- Fountains

- Land scapping
- Agriculture
- Feed water supply to RO system
- Pressure Boosting
- Cooling water supply

Pumpset Type
Centrifugal Monoblock

Motor Speed
T = Two Pole High Speed
F = Four Pole Slow Speed
N = 2 Pole / SPDP

Type of M.O.C
(Motor Body / Sealing / Impeller)
C = Alu. / M.Seal / C.I
B = Alu. / M.Seal / Bronze
S = Alu. / M.Seal / S.S
P = Alu. / M.Seal / Plastic
T = C.I. / M.Seal / C.I
R = C.I. / M.Seal / S.S
E = C.I. / M.Seal / Bronze
D = C.I. / Gland Packing / Bronze
L = C.I. / Gland Packing / S.S
G = C.I. / Gland Packing / C.I.

Applicable only for
SS Pump casing

No. of Impeller (If Applicable)
2 - 2

Sample Description:
CTS-18/5T
CTC-7/07T

Voltage (This digit is applicable except 230V
1 Ph-50Hz 230V, 1Ph-60Hz, 380/415V 50Hz, 3Ph)
A = 110, B = 180, C = 200, D=220, E=230,
F = 240, G = 300, H = 350, I = 380, J = 400,
K=415V L = 440, M = 460, N = 525, P = 575,
R =115,Q= 90, Dual Voltage V = 220 / 380V,
W=230/380, X=110/220 Z=115/230

Phase / Connection / Starting Method / Frequency

50Hz
S – 1 Ph / CSCR type / 3 wire / 50
N – 1 Ph / PSC / 3 wire / 50
M – 1 Ph / PSC type / 2 wire / 50
T – 3 Ph / D.O.L / 50
D – 3 Ph / S,D / 50
S = 1Ph / CSCR type with control box and without meter / 50
R = 1Ph / CSCR type with control box and meter / 50

60Hz
2 = 2 wire / 1Ph / PSC type without control box / 60
3 = 3 wire / 1Ph / CSCR type with control box / 60
4 = 3 Ph / D.O.L / 60
6 = 3 Ph / S,D / 60

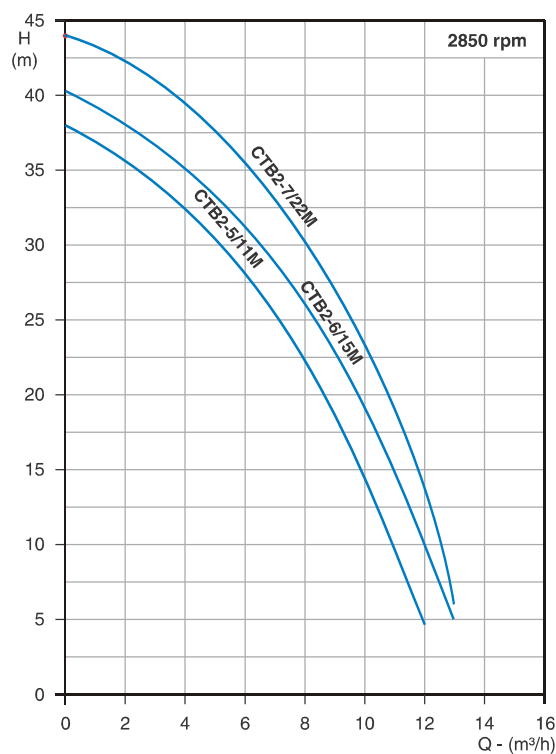
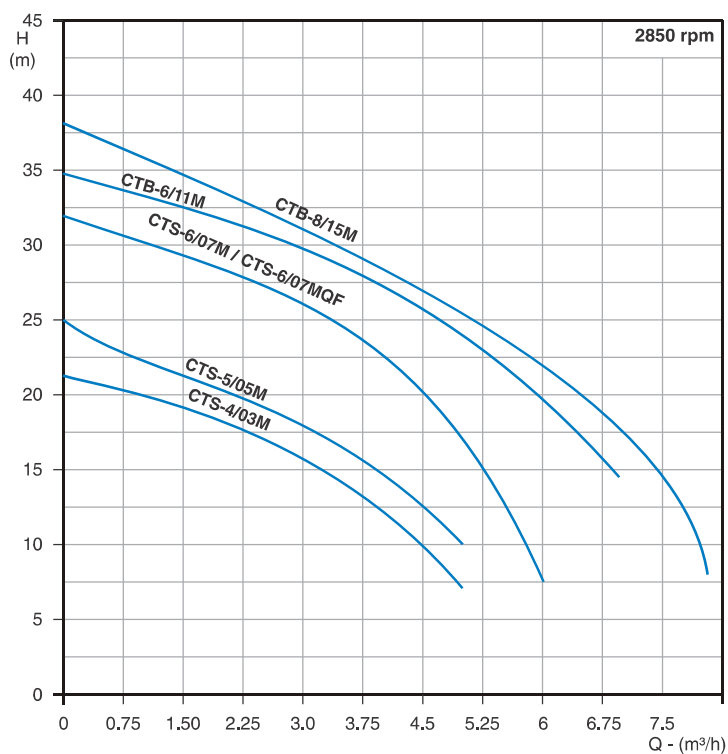
HP / kW
50Hz : 03 = 0.37, 15 = 1.5,
37 = 3.7, 450 = 45, A100 = 100 in kW
60Hz : 05 = 0.5, 10 = 1.0,
30 = 3.0, 300 = 30, A100 = 100 in HP

Nominal Flow
50Hz : 1E = 1.5, 5 = 5, 8 = 8, 50 = 50,
215=215 in m³/h
60Hz : 5 = 5, 10 = 10, 40 = 40, 100 = 100
in US-GPM

CENTRIFUGAL MONOBLOCK PUMPS

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Performance Curves



Performance Table

Pump Model		Power		Current (Amps)		Suction x Delivery (Inches)	Flow (Q)	lps	0	0.3	0.55	0.83	1.1	1.4	1.7	1.9	2.2
1Ph 220V	3Ph 380V	kW	HP	1Ph 220V	3Ph 380V				0	1	2	3	4	5	6	7	8
CTS-4/03M	CTS-4/03T	0.37	0.5	3.1A	1.6A	1"x1"	Head (m)		21.5	20	18	16	12.5	7			
CTS-5/05M	CTS-5/05T	0.55	0.75	5.5A	2A	1"x1"			25	22	20	18	16	10			
CTS-6/07M CTS-6/07M-QF	CTS-6/07T	0.75	1.0	5.7A	2.5A	1"x1"			32	30	28.5	26.3	22.2	17	7.5		
CTB-6/11M	CTB-6/11T	1.1	1.5	8.6A	2.6A	1½"x1"			34.5	33.1	31.7	29.7	26.9	23.6	19.7	14.3	
CTB-8/15M	CTB-8/15T	1.5	2.0	10.5A	3.5A	1½"x1"			38	36.2	34	31.5	29.7	25.3	22.3	17.9	8.1

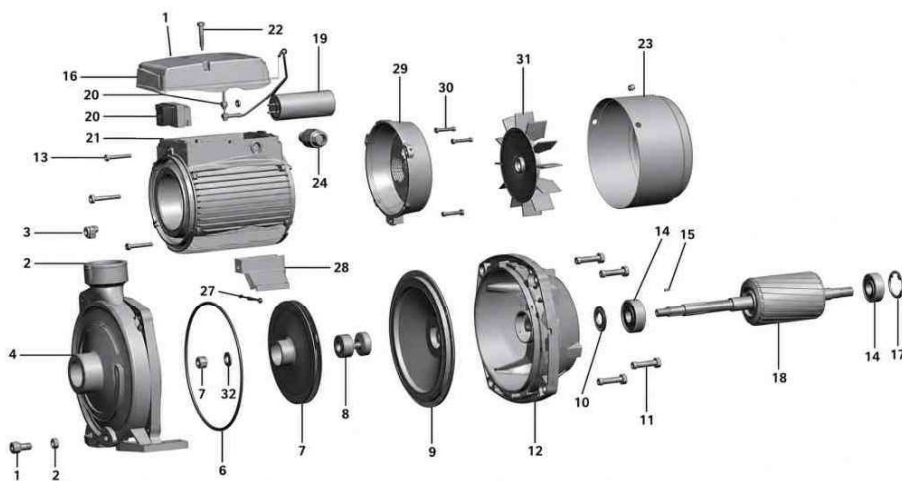
Pump Model		Power		Current (Amps)		Suction x Delivery (Inches)	Flow (Q)	lps	0	0.55	0.83	1.1	1.4	1.7	1.9	2.2	2.5	2.8	3.0	3.3	3.6
1Ph 220-230V	3Ph 380V	kW	HP	1Ph 220-230V	3Ph 380V				0	2	3	4	5	6	7	8	9	10	11	12	13
CTB2-5/11M	CTB2-5/11T	1.1	1.5	8.9A	2.7A	1½"x1¼"	Head (m)		37.8	35.5	34.5	32.6	30.5	28.3	26	22	19	13.8	8	4.4	
CTB2-6/15M	CTB2-6/15T	1.5	2	11A	4.2A	1½"x1¼"			40.3	37.5	37.2	36	33	31.3	29.5	26.2	22.5	19	13	8.4	5
CTB2-7/22M	CTB2-7/22T	2.2	3	13.3A	5.2A	1½"x1¼"			44	41.4	41	39.3	38	35.6	34	30.4	26.5	23.1	17	14.1	5.3

CENTRIFUGAL MONOBLOCK PUMPS

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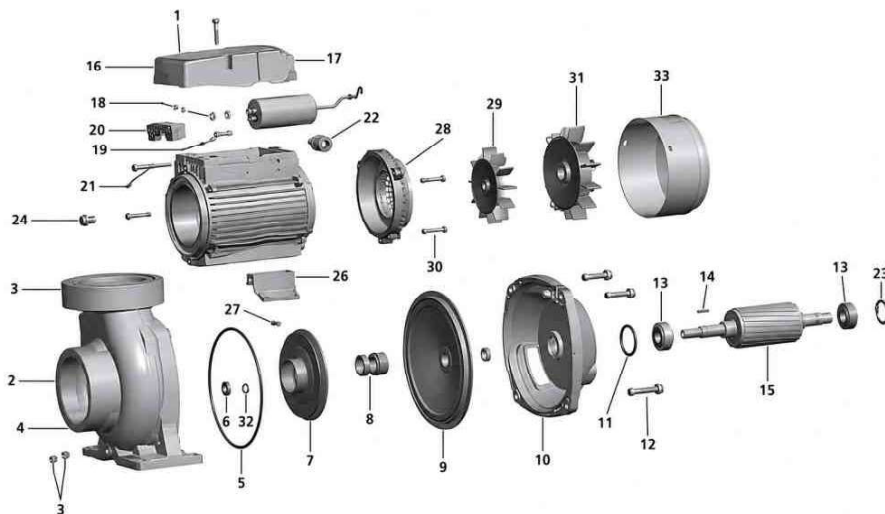
Exploded View

CTS / CTB SERIES (CTS 4/03, 5/05, 6/07)



Part No.	Part Name
1	Discharge plug
2	O' Ring
3	Charge plug bolt
4	Pump casing
5	Nut
6	O' Ring
7	Impeller
8	Mechanical seal
9	Pump casing cover
10	Drops guard
11	Bolt
12	Pump support
13	Bolt
14	Bearing
15	Key
16	Rotor
17	Split ring
18	Terminal cover
19	Capacitor
20	Terminal board
21	Casing with wound stator
22	Bolt
23	Fan cover
24	Fairlead
25	Screw
26	Cable presser
27	Stand pin
28	Stand
29	Driving cap
30	Bolt
31	Fan
32	Washer

CTB2 SERIES (CTB 6/11, 8/15, 35/22)



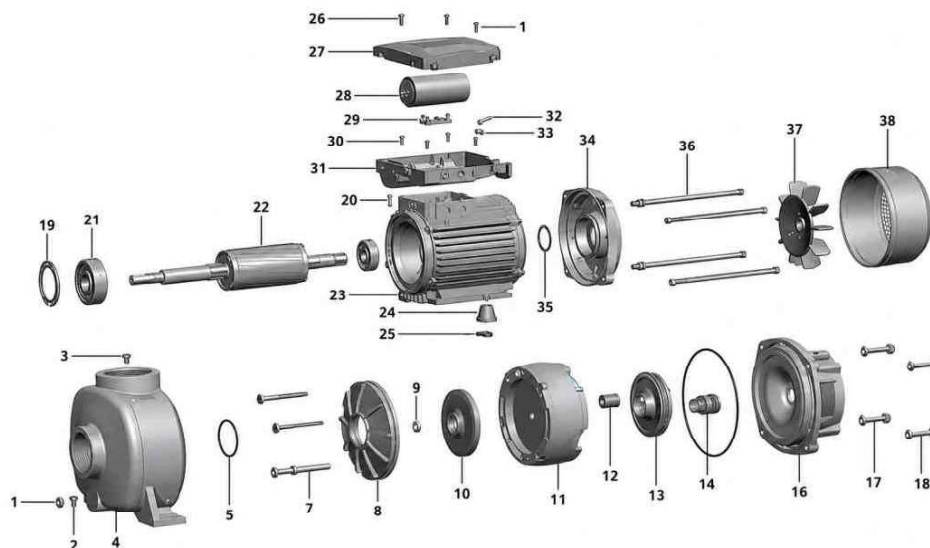
Part No.	Part Name
1	Discharge plug
2	O' ring
3	Charge plug
4	Pump casing
5	Nut
6	Impeller
7	Snap ring
8	Mechanical seal
9	O' ring
10	Pump support
11	Pump casing cover
12	Bolt
13	Key
14	Rotor
15	Split ring
16	Screw
17	Terminal cover
18	Terminal board
19	Capacitor
20	Cable presser
21	Screw
22	Fair lead
23	Casing with wound stator
24	Bolt
25	Driving cap
26	Bolt
27	Stand
28	Stand pin
29	Fan
30	Fan cover
31	Bolt
32	Bearing
33	Washer

CENTRIFUGAL MONOBLOCK PUMPS

CT SERIES

Exploded View

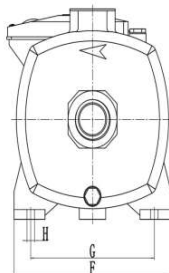
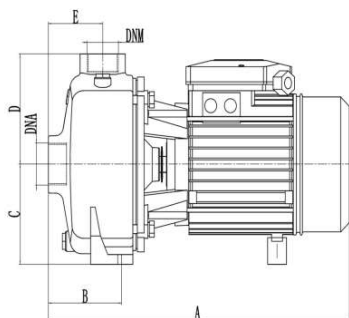
CTS / CTB SERIES (CTB2 5/11, 6/15, 7/22)



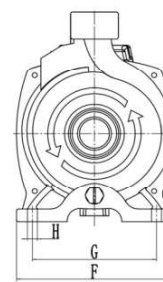
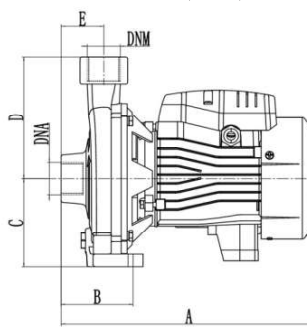
Part No.	Part Name
1	Discharge plug
2	O' Ring
3	Charge plug bolt
4	Pump casing
5	O' Ring
6	Bolt
7	Diffuser cover
8	Nut
9	Washer
10	Impeller
11	Diffuser
12	Spacer
13	Impeller
14	Mechanical seal
15	O' ring
16	Pump Support
17	Washer
18	Bolt
19	Drops guard
20	bearing
21	Key
22	Rotor
23	Casing with wound stator
24	Stand
25	Bolt
26	Bolt
27	Terminal Cover
28	Capacitor
29	Terminal Board
30	Bolt
31	Terminal box
32	Screw
33	Cable presser
34	Driving cap
35	Split ring
36	Tie-rod
37	Fan
38	Fan cover

General Arrangement Drawing (GAD), Dimensions & Weight Data

CTB2 5/11,6/15,7/22



CTS 4/03,5/05,6/07 CTB 6/11,8/15,35/22



Pump Model		Power		Current (Amps)		Suction x Delivery Size (Inch)	Dimensions (mm)			Net. Weight (kg)	Gross Weight (kg)
1Ph 220V	3Ph 380V	kW	HP	1Ph 220V	3Ph 380V		L	W	H		
CTS-4/03M	CTS-4/03T	0.37	0.5	3.1A	1.6A	1"x1"	30	18.5	24.5	7.7	8.1
CTS-5/05M	CTS-5/05T	0.55	0.75	5.5A	2A	1"x1"	35.5	24	29.2	10.8	11.6
CTS-6/07M CTS-6/07M-QF	CTS-6/07T	0.75	1	5.7A	2.5A	1"x1"	35.5	24	29.2	11.95	12.65
CTB-6/11M	CTB-6/11T	1.1	1.5	8.6A	2.6A	1½"x1"	42	26.5	32	18.3	19.25
CTB-8/15M	CTB-8/15T	1.5	2	10.5A	3.5A	1½"x1"	42	26.5	32	19.35	20.45
CTB-35/22M	CTB-35/22T	2.2	3	13.3A	3A	3"x3"	52	26	35	33.85	35.4
CTB2-5/11M	CTB2-5/11T	1.1	1.5	8.9A	2.7A	1½"x1¼"	47	28	29.8	21.35	22.35
CTB2-6/15M	CTB2-6/15T	1.5	2	11A	4.2A	1½"x1¼"	47	28	29.8	22.4	23.55
CTB2-7/22M	CTB2-7/22T	2.2	3	13.3A	5.2A	1½"x1¼"	47	28	29.8	23.45	26.45

All dimensions are in mm unless otherwise specified

In view of continuous developments the information / performance / descriptions / specifications / illustrations are subject to change without notice