

# ARMSTRONG



CDC



2CDC

## Stainless Steel Centrifugal Pump

## Stainless Steel Centrifugal Pump

### Features

- CDC: Close-coupled single impeller centrifugal pump.
- 2CDC: Close-coupled twin impeller centrifugal pump.
- Excellent corrosion resistance by stainless-steel casing and impeller.
- Robust and Compact design.
- Designed for Continuous Operation.
- Can adopt to smart controls integration Energy efficient for a longer period.
- Totally Enclosed Fan Cooled induction motor with oversized Greased-for-life ball bearings
- Inbuilt thermal overload protection
- Permanently switched-on capacitor (permanent split capacitor type, PSG).
- Degree of protection: IP55, Insulation Class: F
- Suitable for power supply: AC, 50Hz, single Phase (220-240V)/Three phase(380-415V)

### Applications

- Domestic water supply and pressure boosting
- Gardening/orchards irrigation
- Rainwater utilization/harvesting and light industrial use
- Cooling tower

### Material of Construction

- Pump Body Casing: Stainless Steel, AISI 304 / AISI 316
- Impeller: Stainless Steel, AISI 304 / AISI 316
- Shaft: Stainless Steel, AISI 304 / AISI 316
- Mechanical Seal: Carbon / Silicon carbide
- O-ring: Viton

### Operating limits

- Maximum working pressure: 10 bar
- Minimum & Maximum Liquid temperature: -20 to +104°C.
- Maximum Ambient Temperature: Up to +50° C.
- Service/Duty type: S1 (Continuous)

### Product Range

#### CDC Series

MODEL		POWER (P2)		Q	m3/h	0	1.2	3	4.8	5.4	6.6	7.8	9.6	10.8	12.6	15		
Single phase	Three phase	kW	HP			l/min	0	20	50	80	90	110	130	160	180	210	250	
CDC 70/037	CDC 70/037T	0.37	0.5	H	meter	22	21	19	16	15								
CDC 70/055	CDC 70/055T	0.55	0.75			30	28	25	21									
CDC 90/075	CDC 90/075T	0.75	1			32	30	27	24	23	20							
CDC 120/055	CDC 120/055T	0.55	0.75			23		20	19	18	17	16	14	13				
CDC 120/090	CDC 120/090T	0.9	1.2			32		29	27	26	24	22	20					
CDC 120/150	CDC 120/150T	1.5	2			41		37	36	35	33	32	29					
CDC 200/090	CDC 200/090T	0.9	1.2			23			21	21	20	19	18	17	15	13		
CDC 200/150	CDC 200/150T	1.5	2			33			32	31	30	29	28	27	25	23		
CDC 200/185	CDC 200/185T	1.85	2.5			40			38	37	36	35	34	32	30	28		

2CDC Series

MODEL		POWER (P2)		Q	m3/h	0	1.2	2.4	3.6	4.8	7.2	9	10.8	12.6	
Single phase	Three phase	kW	HP		l/min	0	20	40	60	80	120	150	180	210	
2CDC 70/075	2CDC 70/075T	0.75	1	H	meter	41	38	35	31	27					
2CDC 70/090	2CDC 70/090T	0.9	1.2			48	44	40	35	30					
2CDC 70/110	2CDC 70/110T	1.1	1.5			56	52	48	43	37					
2CDC 70/150	2CDC 70/150T	1.5	2			64	60	56	50	44					
2CDC 120/110	2CDC 120/110T	1.1	1.5			46		43	42	40	35	30			
2CDC 120/150	2CDC 120/150T	1.5	2			55		51	49	47	41	37			
2CDC 120/220	2CDC 120/220T	2.2	3			63		59	57	54	49	44			
2CDC 120/300	2CDC 120/300T	3	4			72		70	68	65	58	52			
2CDC 200/220	2CDC 200/220T	2.2	3			55			52	50	48	46	43	40	
2CDC 200/300	2CDC 200/300T	3	4			66			63	61	58	55	52	49	
2CDC 200/370	2CDC 200/370T	3.7	5			75			71	70	67	64	61	58	

Our policy is one of continuous improvement and we reserve the right to alter our dimensions and specifications without notice

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