



# WATER PUMP

## PCH SERIES



# PCH Series

Medium pressure medium head centrifugal pump



## Application

- Centrifugal pump with single impeller are able to offer high flow rates, provide smooth, nonpulsating delivery and regulate the flow rate over a wide range without damaging in the pump.
- For the correct-functioning of the pump, use clean water or non-aggressive liquids charged with small solid impurities.
- To be used in flow irrigation system in gardening, agriculture and industrial fittings

## Operating Conditions

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9m
- Continuous duty
- pH: 6.5 to 8.5

## Pump

- Pump Body: Cast Iron
- Impeller: Brass
- Mechanical Seal: Carbon/Ceramic/Stainless Steel
- Front bracket: Cast Iron

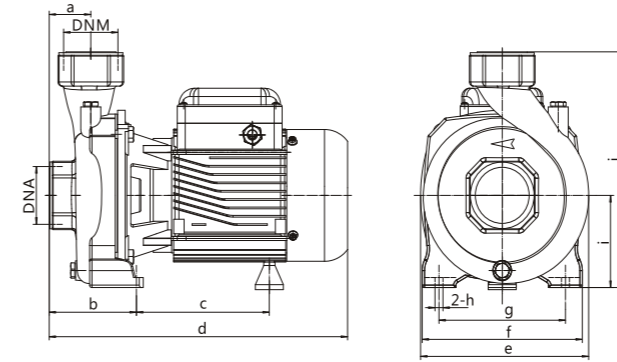
## Motor

- Duty S1, TEFC, 2P, Class B, IP44
- Single phase: 240V/1ph/50Hz (with thermal protection)
- Three phase: 415V/3ph/50Hz
- Aluminium housing, Shaft AISI304

## PCH Technical Data (220~240V/50Hz)

Model		Power		Current Amp		Capacity									
Single Phase 240V /50HZ	Three Phase 415V/50HZ	kW	HP	1x240V	3x415V	2900rpm									
						Qm³/hr	0	24	48	66	9	11	18	24	30
PCH 200	PCHT 200	1.5	2.0	11.5	4.2	30	29.5	29	28	27	26	22	17	10	
PCH 300	PCHT 300	2.2	3.0	13.6	5.3	33	32.5	32	31.5	31	29.5	26	22	15	

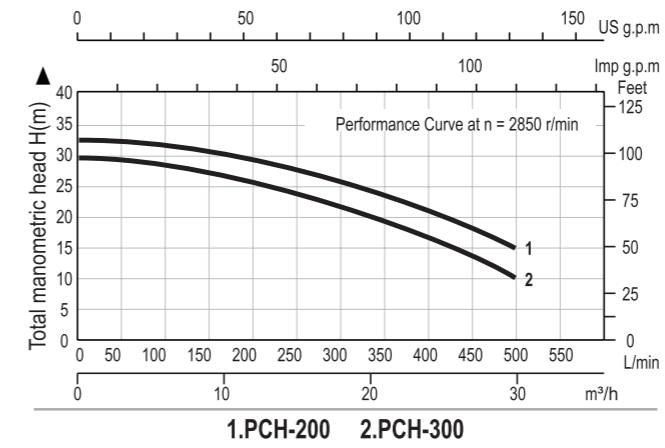
## PCH Outline Dimension



## Overall & Installation Dimensions

Model	DIMENSIONS (mm)										Inlet / Outlet (inch)	
	a	b	c	d	e	f	g	h	i	j	DNA	DNM
PCH-200	52	109	170	375	210	200	158	10	110	283	2"	2"
PCH-300	52	109	170	375	210	200	158	10	110	283	2"	2"

## Performance Curves



## Package information

Model	Package dimensions & G.W. (mm)			
	L	W	H	kg
PCH-200	388	245	340	25.2
PCH-300	400	250	340	32

