Feel The Power

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WATER PUMP

PCS SERIES

www.potenza2u.com

AUTHORISED DEALER

PCS Series

High volume centrifugal pump

Application

- Single impeller centrifugal pump, high volume with medium delivery fro agriculture, civil, industry & etc.

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/Cast iron/Stainless steel
- Mechanical Seal: Carbon/Ceramic/Stainless Steel
- Front brackel: Cast Iron
- Mounting bracket: Cast iron

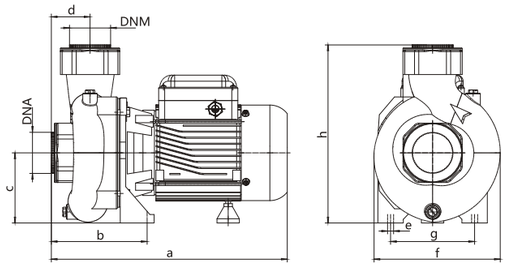
Motor

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

PCS Technical Data (220~240V/50Hz)

Model		P2 nom.	Amphere			Q=Capacity															
Single Phase 240V 50HZ	Three Phase 415V 50HZ		1~	3~	m3/hr	3	6	9	12	15	18	24	30	36	42	48	54	60	72	84	96
					L/min	50	100	150	200	250	300	400	500	600	700	800	900	1000	1200	1400	1600
		HP/kW	1x240V	3x415V		Total Head In Meters															
PCS-100/2	PCST-100/2	1/0.75	4.3	2.3	12.6	12.5	12.3	11.5	10.3	9.3	7.5										
PCS-150/2	PCST-150/2	1.5/1.1	8.8	3.3	12.3				12.2	11.9	11.8	11	10.2	9.1	7.7	6					
PCS-200/2	PCST-200/2	2/1.5	10	3.9	13.8				13.6	13.3	13.1	12.4	11.6	11.6	9.4	7.8	6				
PCS-300/3	PCST-300/3	3/2.2	10.5	4.9	17.5					17.5	17.5	17.2	17.2	15.3	14.2	12.3	12.3	7.5			
	PCST-400/3	4/3.0		6.7	21.5					21.5	21.5	21.4	20.6	19.9	19.9	17.7	15.9	13.5	8.3		
	PCST-450/3	4/3.0		6.2	13.5									14.1	13.9	13.4	12.8	12.1	10.3	8.3	6.1

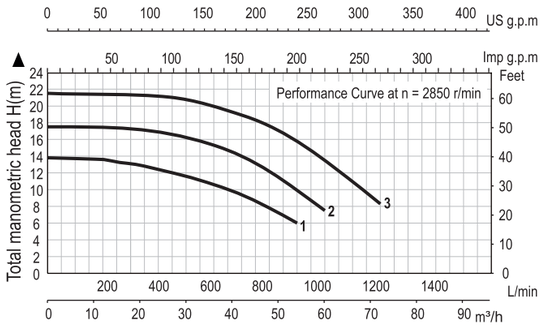
PCS Outline Dimension



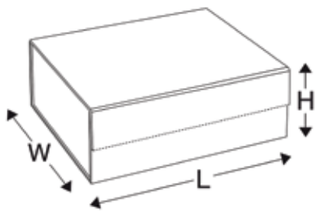
Overall & Installation dimension

Model	Dimensions (mm)							
	a	b	c	d	e	f	g	h
PCS 200/2	386	155	115	53	12	220	181	287
PCS 300/3	457	172	132	82	16	225	140	320
PCS 400/3	490	172	132	82	16	225	140	320

Performance Curves



1.PCST-200/2 2.PCST-300/3 3.PCST-400/3

Package information

Model	Package dimensions & G.W. (mm)			
	L	W	H	kg
PCS 200/2	430	285	360	26
PCS 300/3	530	280	350	32
PCS 400/3	530	280	350	33