

CP

centrifugal end
suction pumps



RANGE OF PERFORMANCE

Capacity up to 42 gpm
Head up to 187 ft

LIMITS OF USE

Manometric suction lift up to 23 ft
Liquid temperature up to + 194°F
Liquid temperature up to + 104°F in the CPX version
(with technopolymer impeller)
Environment temperature up to + 104°F

CONSTRUCTION AND SAFETY STANDARDS

EN 60034-1
IEC 34-1
CEI 2-3



INSTALLATION AND USE

They are recommended for pumping clean water and liquids that are chemically non aggressive to the materials from which the pump is made.

RELIABLE AND MAINTENANCE FREE THEY ARE WIDELY USED IN THE DOMESTIC AND CIVIL SECTOR, IN PARTICULAR FOR WATER DISTRIBUTION IN COMBINATION WITH SMALL OR MEDIUM PRESSURE SETS, FOR TRANSFER IN GENERAL, FOR IRRIGATING GARDENS.

It is recommended to install the pumps in enclosed places, or at least protected against inclement weather.

GUARANTEE 2 YEAR subject to our general terms of sale.

CONSTRUCTION CHARACTERISTICS

PUMP BODY: cast iron, with threaded ports.

BODY BACK-PLATE: stainless steel AISI 304 or cast iron on higher powered models.

BRASS IMPELLER

MOTOR SHAFT: stainless steel EN 10088-3 - 1.4104.

MECHANICAL SEAL: ceramic - graphite - NBR.

ELECTRIC MOTOR: the pumps are close-coupled to a carefully matched PEDROLLO electric motor, quiet running, totally enclosed fan cooled (TEFC), suitable for continuous duty.

CP: single-phase 115 V or 230 V - 60 Hz with capacitor and thermal overload protector built into the winding.

CP: three-phase 230/460 V - 60 Hz.

INSULATION: class F • **PROTECTION:** IP 44.

REGISTERED MODEL n° 72753.

OPTIONS ON REQUEST

impeller in **technopolymer** (CP...X - CP...X)

special mechanical seal

other voltages or frequency 50 Hz



tech.support (954) 474 9090

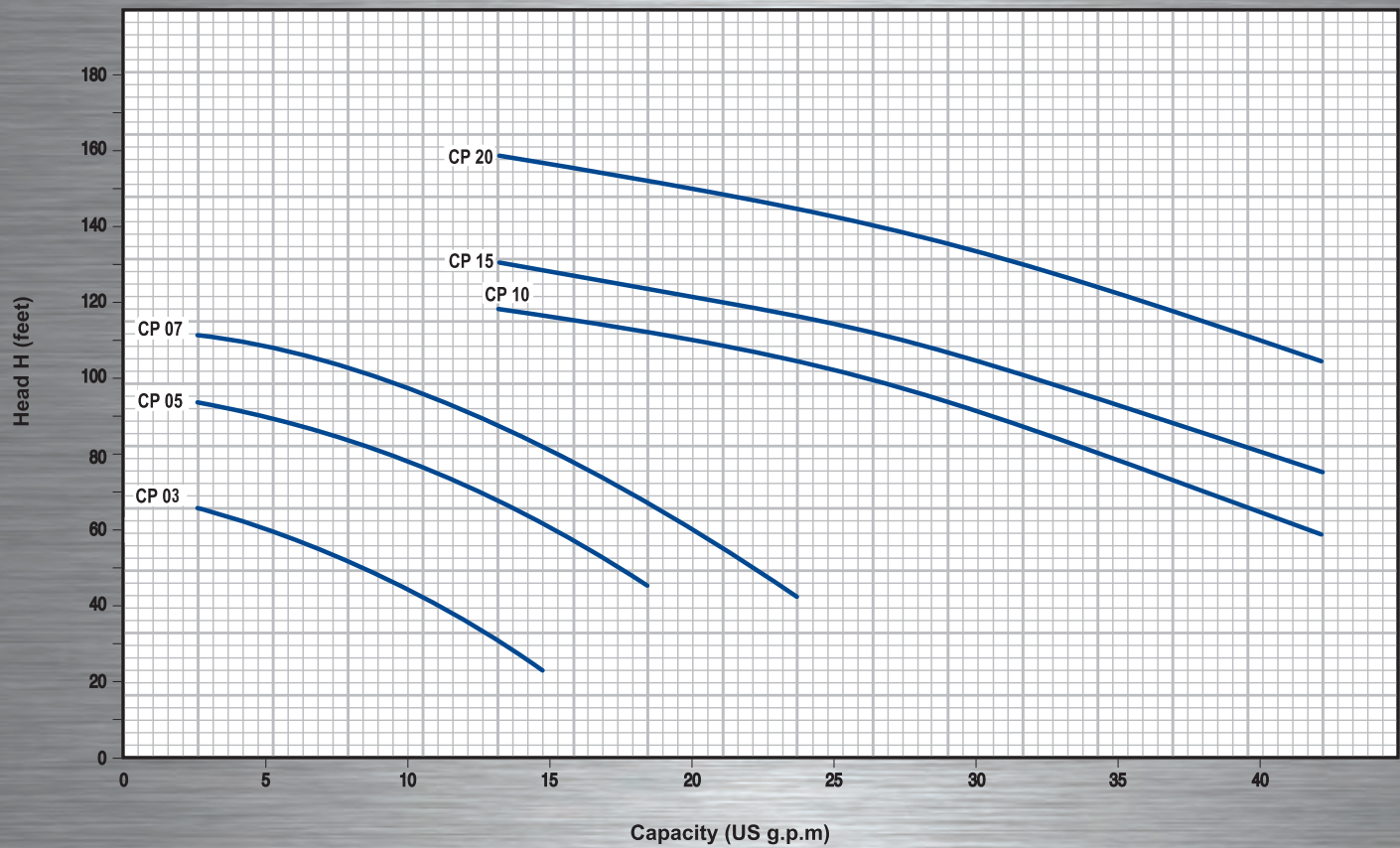


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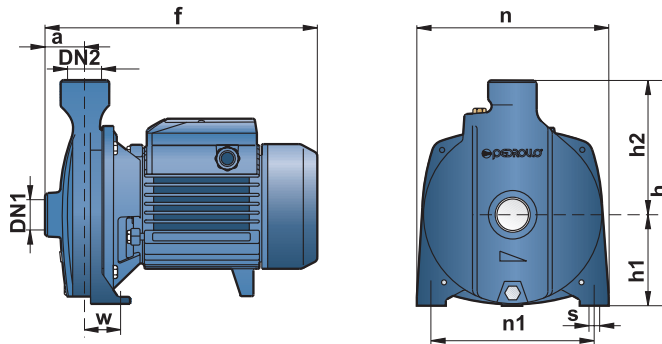
customerservice@pedrollousa.com

CURVES AND PERFORMANCE DATA



MODEL		HP	CAPACITY GPM																		
1 PH	3 PH			0	2.7	5.3	8	10.6	13.3	15.9	18.6	21.2	23.9	26.5	29.2	31.8	34.4	37.1	39.7	42.4	
CP 03	CP 03	0.33	H Feet	71	66	62	56	49	41	31	20										
CP 05	CP 05	0.5		99	94	89	84	77	69	57	46										
CP 07	CP 07	0.7		115	112	108	103	97	89	79	67	56	43								
CP 10	CP 10	1		128	126	125	122	120	118	115	112	108	105	99	94	87	80	74	66	59	
CP 15	CP 15	1.5		141	140	138	135	133	131	128	123	120	115	112	107	102	95	89	82	76	
CP 20	CP 20	2.0		168	166	165	164	163	159	156	153	148	145	140	135	130	123	118	112	105	

DIMENSIONS AND WEIGHTS



MODEL		DISCH		DIMENSIONS INCHES								LBS	
1 PH	3PH	DN1	DN2	a	f	h	h1	n	n1	w	s	1~	3~
CP 03	CP 03												
CP 05	CP 05	1"	1"	1.3	9.7	7.4	3.0	5.8	4.6	1.8	0.4	15.0	15.2
CP 07	CP 07	1"	1"	1.7	10.5	8.3	3.2	6.5	5.3	1.6	0.4	18.6	0.0
CP 10	CP 10	1 1/4"	1"	2.0	13.4	10.2	4.3	8.1	6.5	1.7	0.4	58.1	56.4
CP 15	CP 15	1 1/4"	1"	2.0	13.4	10.2	4.3	8.1	6.5	1.7	0.4	42.4	40.9
CP 20	CP 20	1 1/4"	1"	2.0	13.4	10.2	4.3	8.1	6.5	1.7	0.4	55.3	53.5