

# CP

## centrifugal pumps

Electric pumps with high efficiency motor for reduced energy consumption



### RANGE OF PERFORMANCE

Capacity up to 238 gpm  
Head up to 246 ft

### LIMITS OF USE

Manometric suction lift up to 23 ft  
Liquid temperature up to + 195°F  
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 CIVIL, AGRICULTURAL AND INDUSTRIAL SECTORS, FOR SUPPLYING WATER, FOR CONDITIONING OR COOLING SYSTEMS, FOR IRRIGATION, ETC.**

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:** cast iron.

**IMPELLER:** brass for pumps up to 12.5 HP.

**IMPELLER:** cast iron for pumps from 15 to 25 HP.

**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, **with high efficiency (class "EFF1")**, quiet running, totally enclosed fan cooled (TEFC), suitable for continuous duty.

**CP:** single phase 230V - 60 Hz

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

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

**REGISTERED MODEL n° 72753**

**PATENTED ELECTRIC MOTOR**

### OPTIONS ON REQUEST

pump shaft in stainless steel EN 10088-3 - 1.4401 (AISI 316)

special mechanical seal

protection IP 55



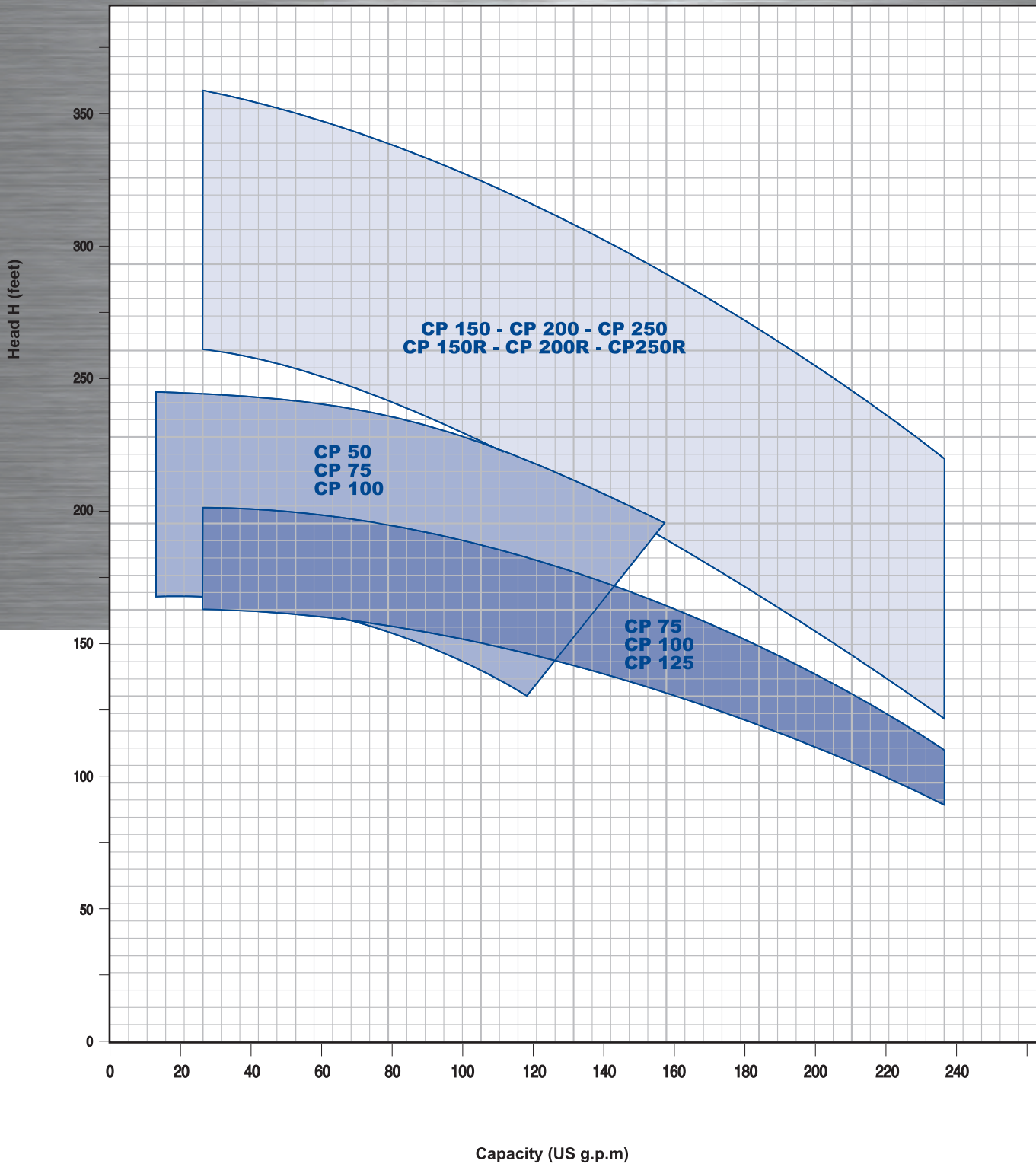
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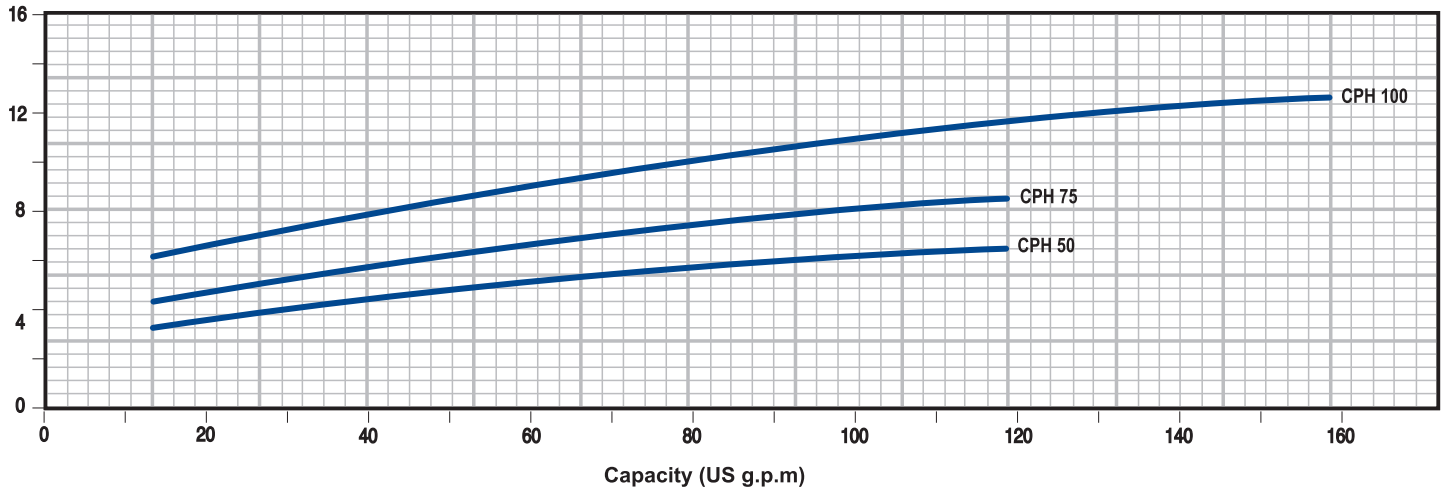
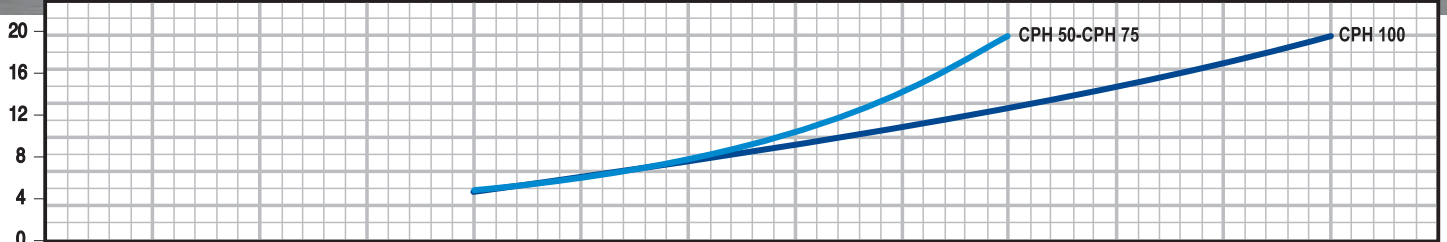
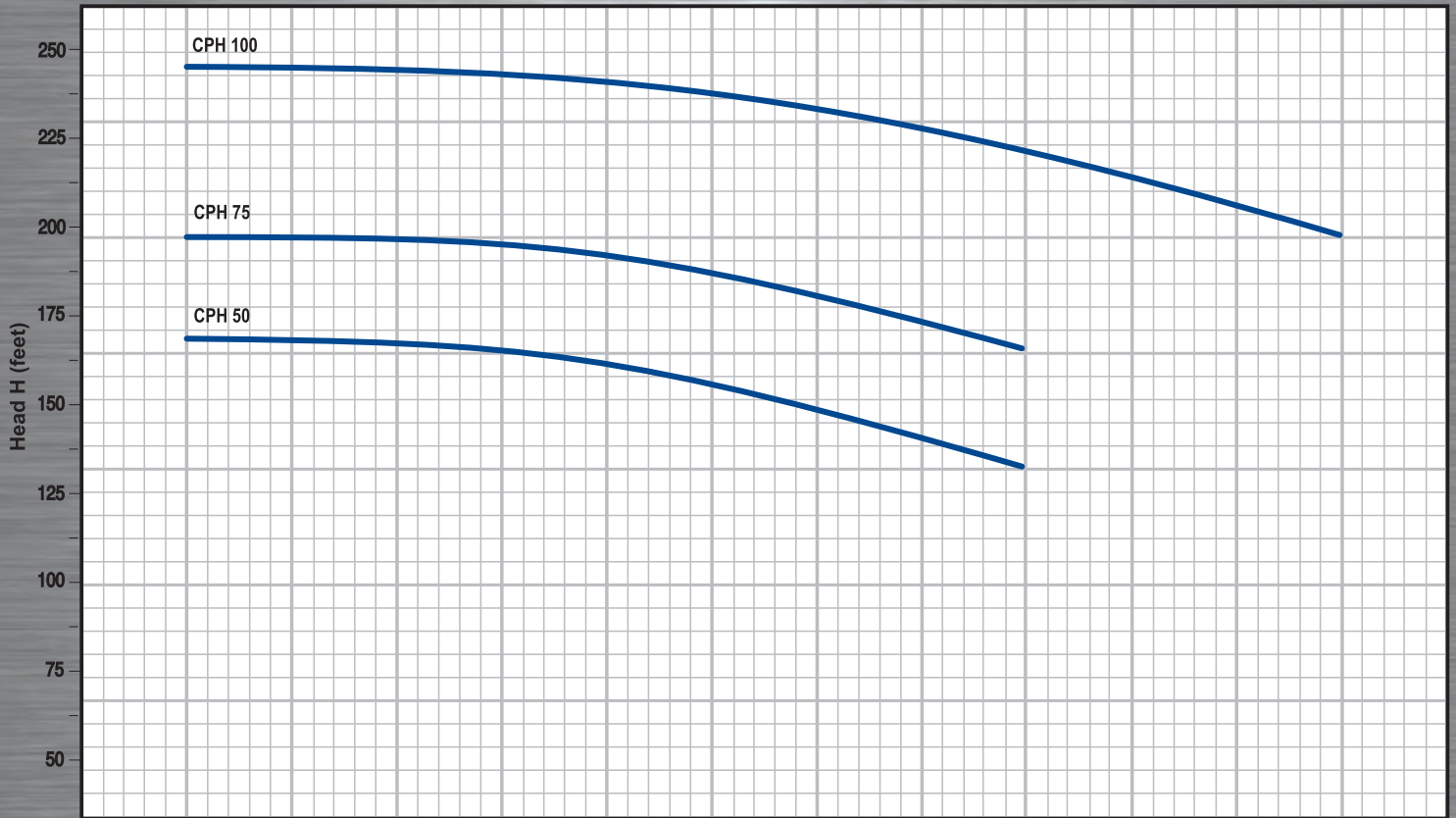
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CURVES AND PERFORMANCE DATA



MODEL		HP	CAPACITY GPM	H Feet														
1 PH	3 PH			0	13	26	39	52	66	79	92	105	119	132	145	158		
CP 50	CPH 50	5		171	169	168	167	165	161	156	148	141	131					
	CPH 75	7.5		197	197	197	195	196	192	187	181	172	166					
	CPH 10	10		246	246	245	244	243	241	238	233	225	221	214	206	197		

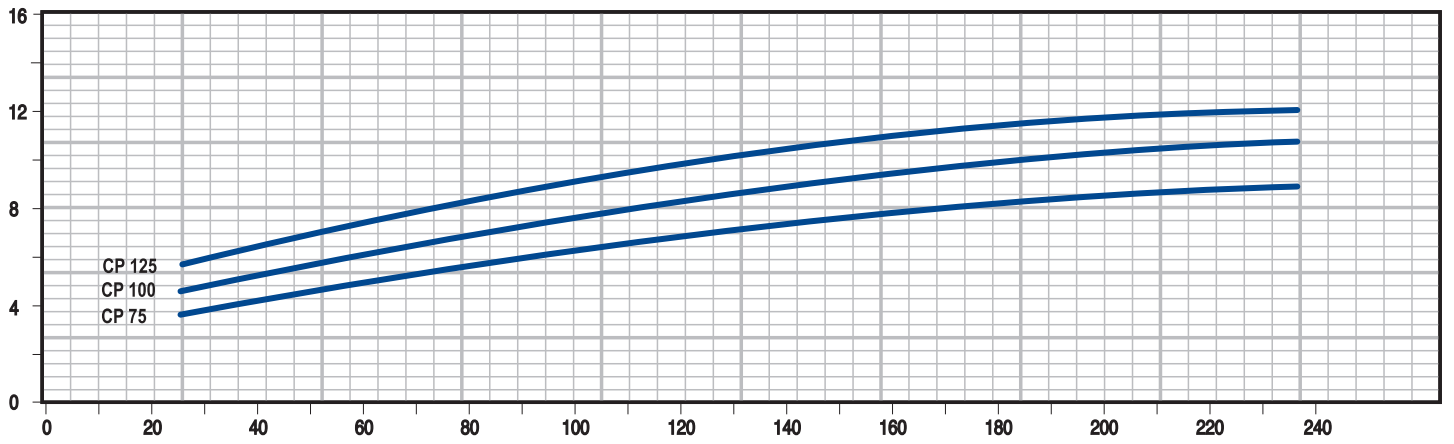
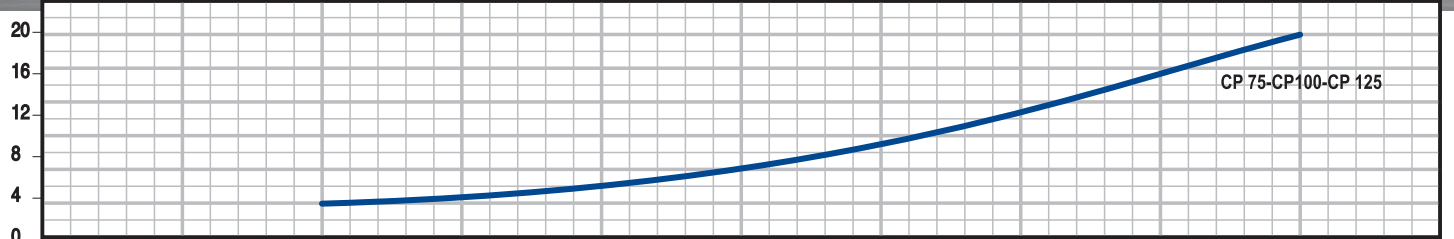
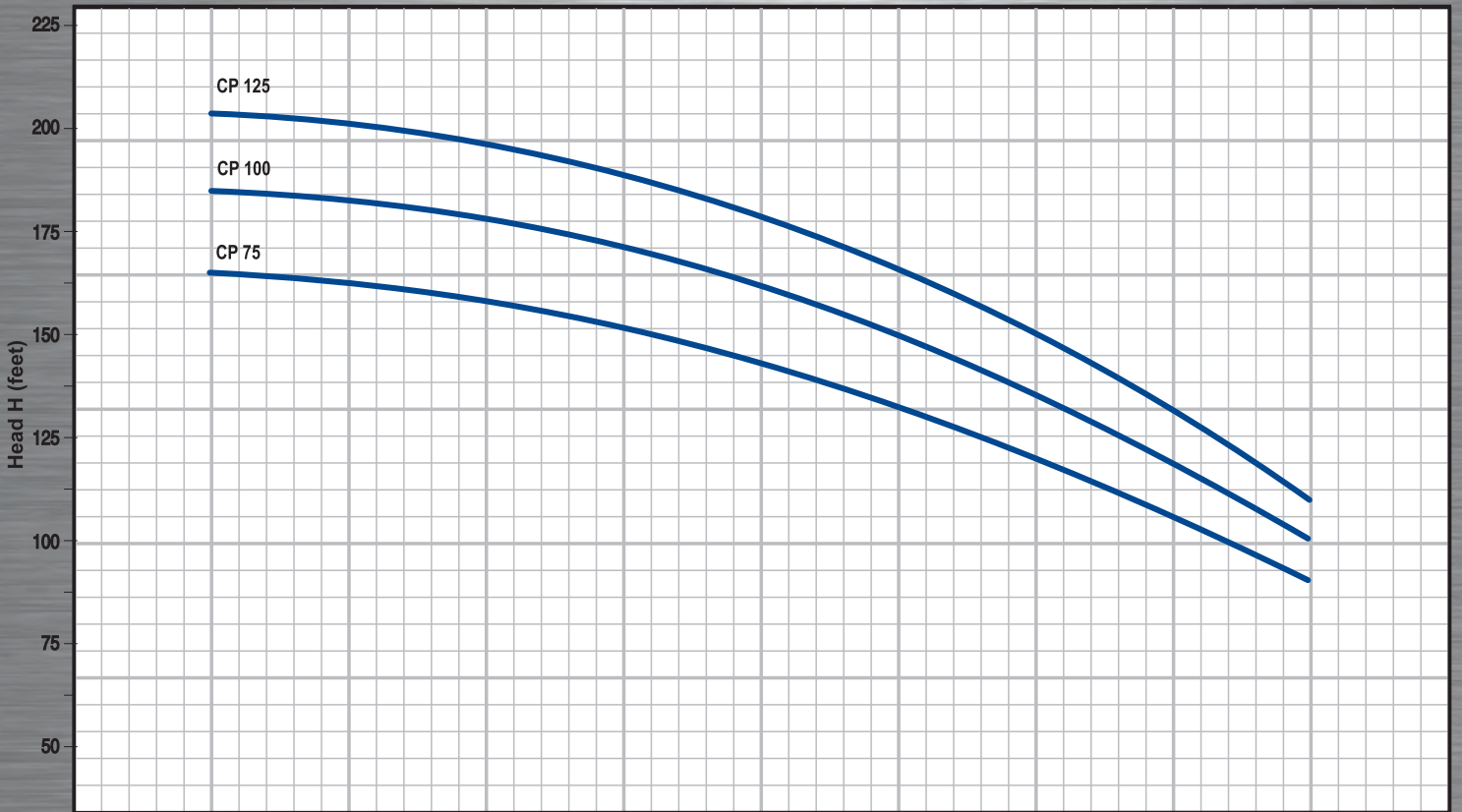


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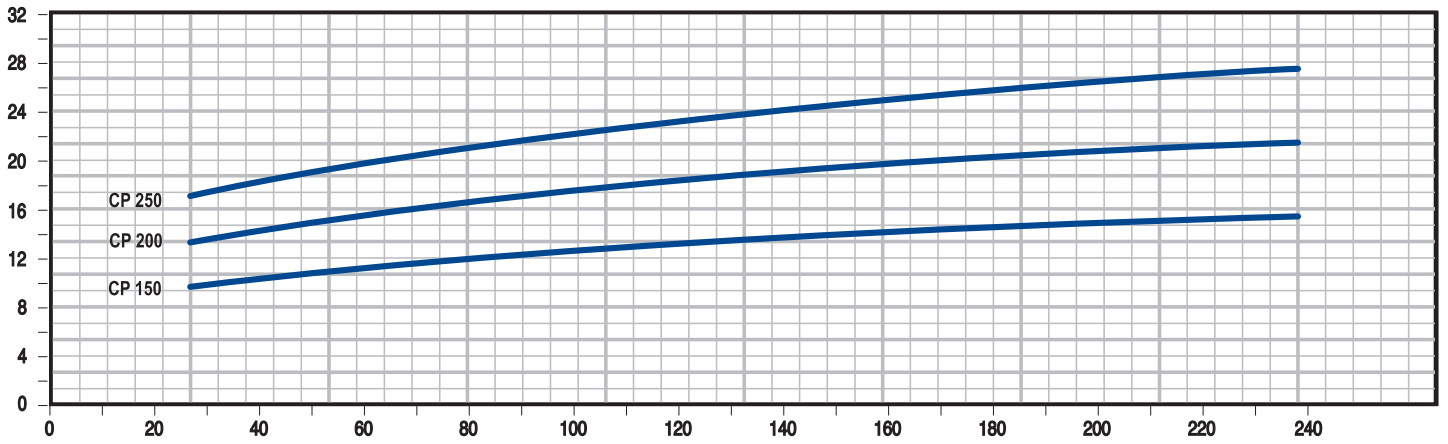
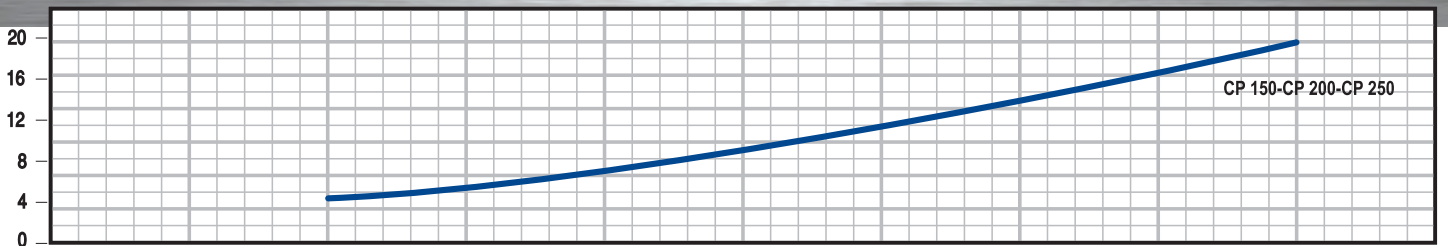
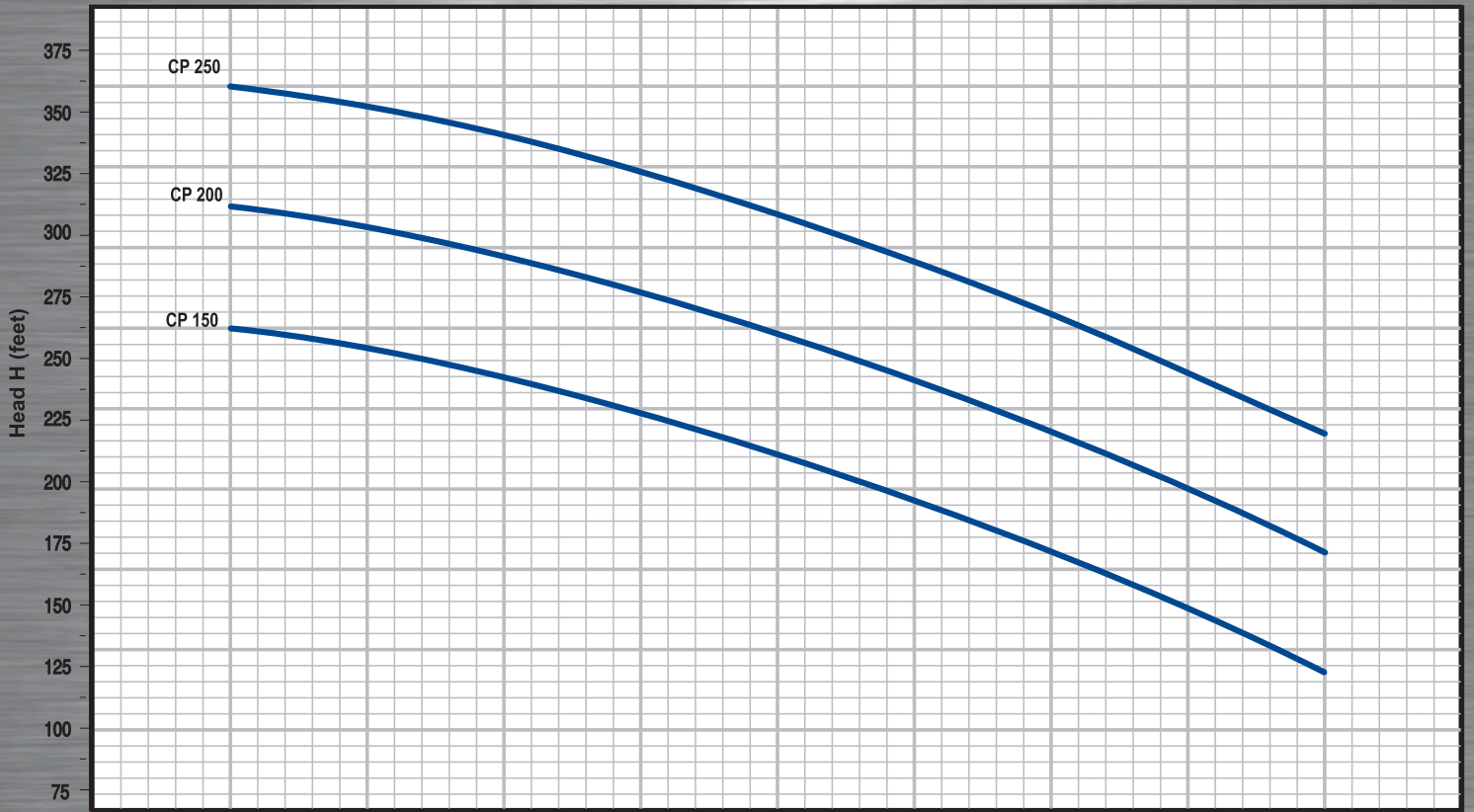
CURVES AND PERFORMANCE DATA



Capacity (US g.p.m)

MODEL	HP	CAPACITY GPM	0.0	26	52	79	105	132	158	185	211	238
CPH 50	7.5	H Feet	168	164	195	158	151	143	131	119	105	90
CPH 75	10		186	184	182	177	171	161	149	135	118	100
CPH 10	12.5		204	204	202	197	189	179	166	149	130	109
CPH 125	15		220	218	215	210	200	188	174	158	140	120

CURVES AND PERFORMANCE DATA



Capacity (US g.p.m)

MODEL	HP	CAPACITY GPM	0	26	52	79	105	132	158	185	211	238
<b>3 PH</b>												
CP 150	15	<b>H Feet</b>	263	263	263	243	227	210	191	171	148	122
CP 200	20		312	312	312	292	276	260	240	220	197	171
CP 250	25		361	361	361	342	325	309	289	269	246	220

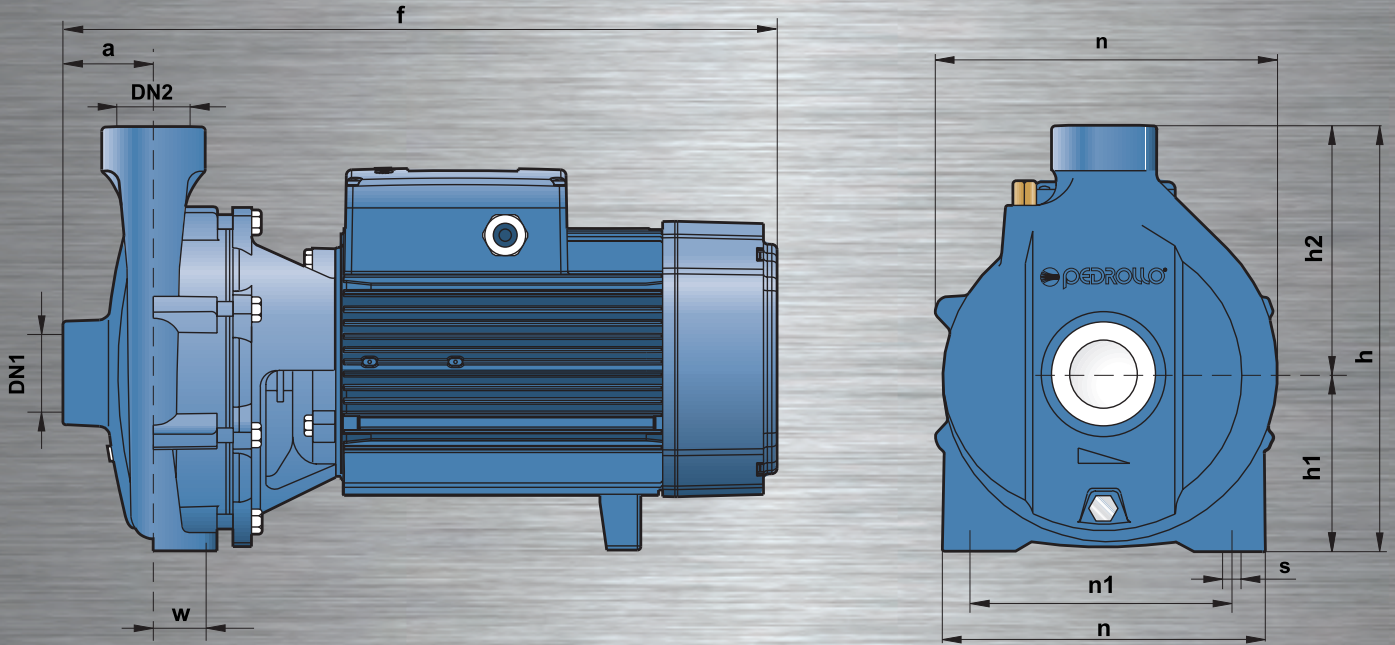


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## DIMENSIONS AND WEIGHTS



MODEL		DISCH		DIMENSIONS INCHES										LBS
1 PH	3PH	DN1	DN2	a	f	h	h1	h2	n	n1	n2	w	s	3~
CPH 50		2"	2"	2.8	19.9	12.9	5.4	7.6	10.7	7.5	9.8	1.6	0.6	105.2
	CPH 50	2"	2"	2.8	18.1	12.9	5.4	7.6	10.7	7.5	9.8	1.6	0.6	94.1
	CPH 75	2"	2"	2.8	19.9	12.9	5.4	7.6	10.7	7.5	9.8	1.6	0.6	105.2
	CPH 100	2"	2"	2.8	19.9	12.9	5.4	7.6	10.7	7.5	9.8	1.6	0.6	114.9
	CP 75	2"	2"	2.8	19.9	12.9	5.4	7.6	10.7	7.5	9.8	1.6	0.6	105.2
	CP 100	2"	2"	2.8	19.9	12.9	5.4	7.6	10.7	7.5	9.8	1.6	0.6	114.9
	CP 125	2"	2"	2.8	19.9	12.9	5.4	7.6	10.7	7.5	9.8	1.6	0.6	116.0
	CP 150	2"	2"	2.6	23.5	15.4	6.3	9.1	12.7	9.1	11.6	1.8	0.6	227.6
	CP 200	2"	2"	2.6	27.3	15.4	6.3	9.1	12.7	9.1	11.6	1.8	0.6	265.2
	CP 250	2"	2"	2.6	27.3	15.4	6.3	9.1	12.7	9.1	11.6	1.8	0.6	293.9
	CPR 150	4"	3"	3.6	23.5	15.4	6.3	9.1	12.7	9.1	11.6	1.8	0.6	236.5
	CPR 200	4"	3"	3.6	27.3	15.4	6.3	9.1	12.7	9.1	11.6	1.8	0.6	274.0
	CPR 250	4"	3"	3.6	27.3	15.4	6.3	9.1	12.7	9.1	11.6	1.8	0.6	302.8