

# PQ

turbine pump with  
peripheral impeller  
with lateral suction



## RANGE OF PERFORMANCE

Capacity up to 23 gpm  
Head up to 329 ft

## LIMITS OF USE

Manometric suction lift up to 26 ft  
Liquid temperature up to + 194°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 without abrasive particles and liquids that are chemically non aggressive to the materials from which the pump is made.

**THE HYDRAULIC CHARACTERISTICS OF THESE PUMPS, TOGETHER WITH THEIR COMPACTNESS, MAKE THEM SUITABLE FOR USE IN THE industrial SECTOR.** 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.  
**PUMP BODY:** brass for PQHBB 05  
**MOTOR BRACKET (patent n° 1289150):** aluminium with brass insert; reduces starting difficulties due to seizure of the impeller after long periods of inactivity.  
**IMPELLER:** brass, of the type with radial peripheral vanes.  
**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.  
**PQ:** single-phase 115 V or 230 V - 60 Hz with capacitor and thermal overload protector.  
**PQ:** three-phase 230/460 V - 60 Hz.  
**INSULATION:** class F. • **PROTECTION:** IP 44.

REGISTERED MODEL

## OPTIONS ON REQUEST

pump shaft in stainless steel EN 10088-3 - 1.4401 (AISI 316)  
special mechanical seal  
protection IP 55  
other voltages or frequency 50 Hz



tech.support (954) 474 9090

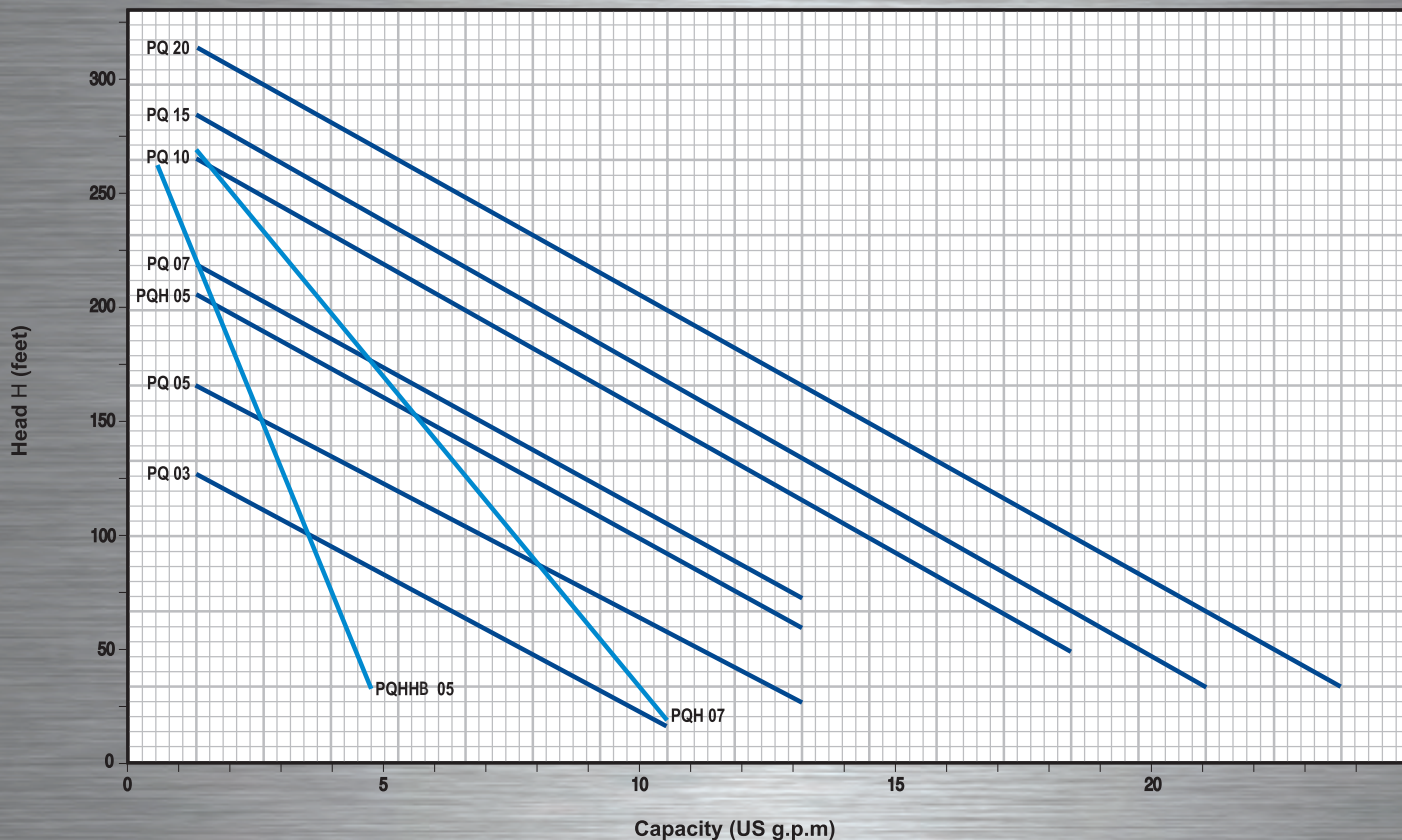


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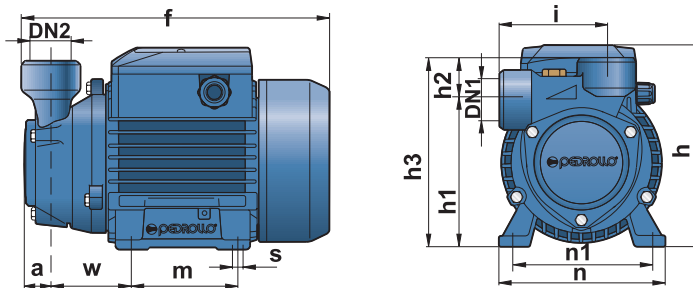
CURVES AND PERFORMANCE DATA



MODEL		HP	CAPACITY GPM	H Feet															
1 PH	3PH			0	1.2	2.7	4	5.2	6.6	8	9.3	10.2	13.2	15.8	18.5	21	24		
PQ 03	PQ 03	0.33		131	125	110	95	79	64	49	33	16							
PQ 05	PQ 05	0.5		181	164	149	133	118	102	89	72	56	26						
PQH 05	PQH 05	0.5		214	204	187	171	154	138	122	105	89	59						
PQ 07	PQ 07	0.7		230	217	200	184	168	151	135	120	102	72						
PQH 07	PQH 07	0.7		296	269	233	197	161	125	89	56	16							
PQ 10	PQ 10	1		279	263	246	230	214	197	181	164	148	115	82	49				
PQ 15	PQ 15	1.5		296	283	266	250	233	215	197	181	164	131	99	66	33			
	PQ 20	2		329	312	296	279	263	246	230	214	197	164	131	99	60	33		

MODEL		HP	CAPACITY GPM	H Feet									
1 PH	3PH			0	0.5	1	1.5	2	2.8	3	3.3	4	4.8
PQHH/B 05	PQHH/B 05	0.5		296	263	233	207	177	148	122	92	62	33
PQHH/B 05	PQHH/B 05	0.5		296	263	233	207	177	148	122	92	62	33

DIMENSIONS AND WEIGHTS



MODEL		DISCH		DIMENSIONS INCHES													LBS	
1 PH	3 PH	DN 1	DN 2	a	f	h	h1	h2	h3	i	m	n	n1	w	s	1~	3~	
PQ 03	PQ 03	1"	1"	0.9	8.8	6.0	4.3	1.2	5.4	3.1	3.1	4.7	3.9	2.2	0.3	11.7	11.7	
PQ 05	PQ 05	1"	1"	0.9	9.1/8.93	6.0	4.4	1.2	5.6	3.1	3.1	4.7	3.9	2.2	0.3	15.6	13.9	
PQH 05	PQH 05	1"	1"	0.9	10.0	7.0	4.8	1.2	5.9	3.3	3.5	5.4	4.4	2.4	0.3	21.8	19.6	
PQHH/B 05	PQHH/B 05	1/2"	1/2"	0.7	8.93/8.66	6.0	4.6	0.9	5.6	2.8	3.1	4.7	3.9	2.3	0.3	14.8	15.0	
PQHH/B 05	PQHH/B 05	1/2"	1/2"	0.9	8.93/8.66	7.0	5.0	1.1	6.0	3.3	3.5	5.4	4.4	2.4	0.3	15.0	15.0	
PQ 07	PQ 07	1"	1"	0.9	10.0	7.0	4.8	1.2	5.9	3.3	3.5	5.4	4.4	2.4	0.3	22.1	19.4	
PQH 07	PQH 07	3/4"	3/4"	0.7	10.0	7.0	5.0	1.1	6.0	3.3	3.5	5.4	4.4	2.4	0.3	22.1	19.8	
PQ 10	PQ 10	1"	1"	1.0	12.5	8.3	5.5	1.2	6.7	3.5	3.9	6.2	4.9	3.3	0.4	32.7	31.6	
PQ 15	PQ 15	1"	1"	1.0	12.5	8.3	5.5	1.2	6.7	3.5	3.9	6.2	4.9	3.3	0.4	34.7	32.7	
	PQ 20	1"	1"	1.0	12.5	8.3	5.5	1.2	6.7	3.5	3.9	6.2	4.9	3.3	0.4		34.7	