

# PV

turbine pumps with  
peripheral impeller  
with brass pump body



## RANGE OF PERFORMANCE

Capacity up to 2.7 gpm  
Head up to 138 ft

## LIMITS OF USE

Manometric suction lift 26 ft  
Liquid temperature up to + 194°F  
Environment temperature up to + 104°F

## CONSTRUCTION AND SAFETY STANDARDS

EN 60 335-1	EN 60034-1
IEC 335-1	IEC 34-1
CEI 61-150	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 CONSTRUCTION OF THIS PARTICULARLY COMPACT BRASS PUMP ELIMINATES THE POSSIBILITY OF RUST AND CORROSION. THIS MAKES IT SUITABLE FOR TRANSFERRING LIQUIDS IN THE MECHANICAL PROCESSING SECTOR, FOR CONTROLLING THE TEMPERATURE OF MOULDS, COOLING, CONDITIONING AND FOR BEVERAGE DISPENSING MACHINES.**

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:** brass, with threaded ports.

**MOTOR BRACKET (patent n° 1289150):** aluminium with brass insert; eliminates 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 - EPDM.

**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.

**PV:** single-phase 230 V - 60 Hz with capacitor and thermal overload protector.

**PV:** 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

pump body rotated 90° in anti-clockwise direction

protection IP 55

other voltages or frequency 50 Hz



tech.support (954) 474 9090

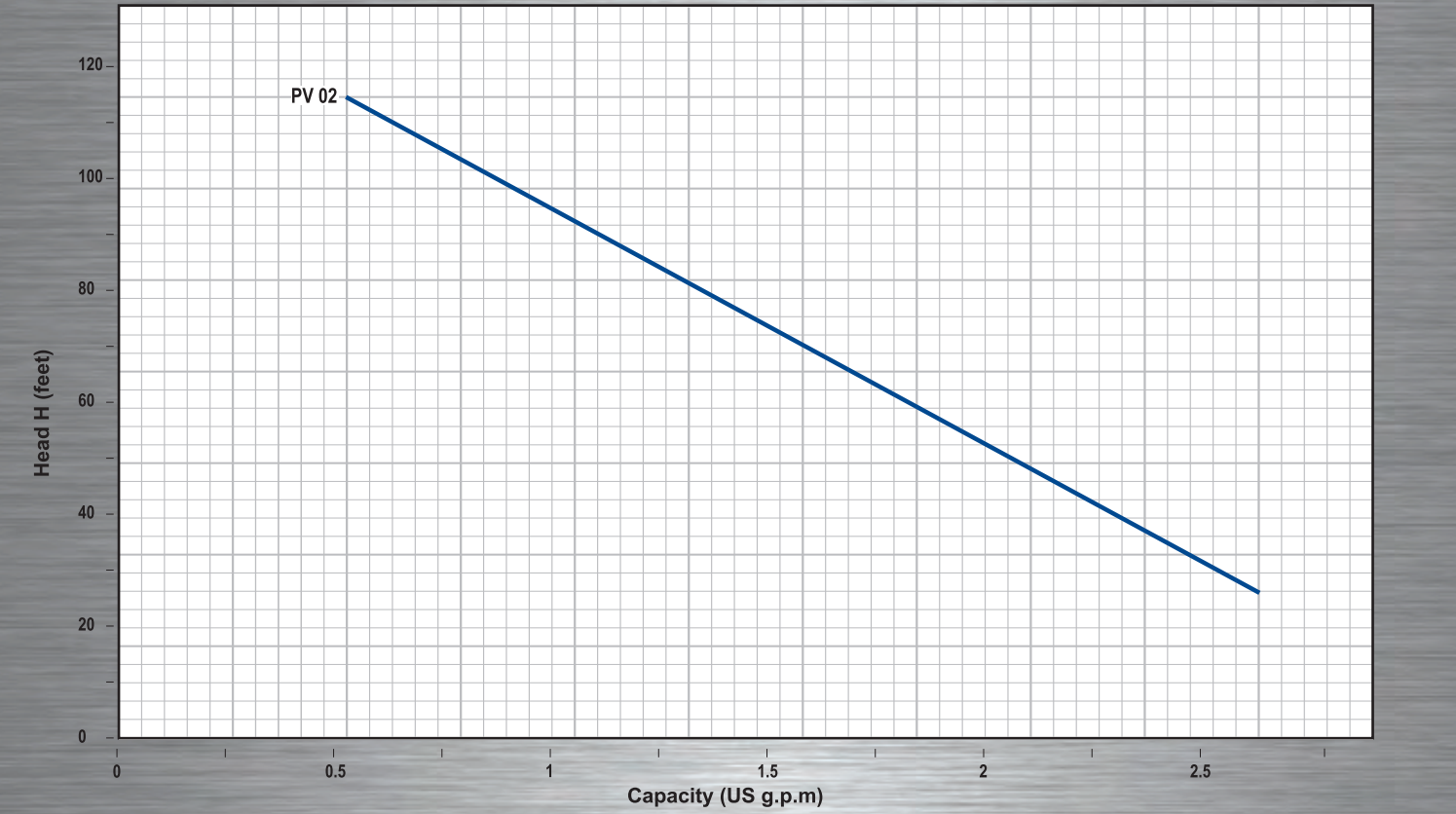


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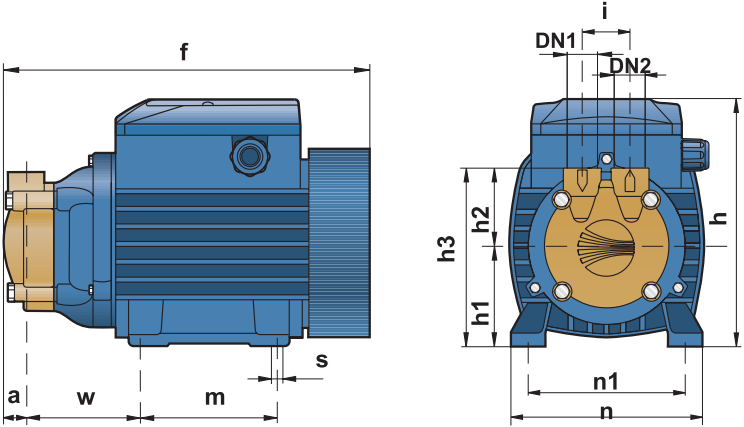
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CURVES AND PERFORMANCE DATA



MODEL		HP	CAPACITY GPM										
1 PH	3 PH			0	0.53	0.79	1.06	1.32	1.59	1.85	2.12	2.38	2.65
PV 02	PV 02	0.25	H Feet	138	115	102	92	82	71	59	48	36	26

DIMENSIONS AND WEIGHTS



MODEL		DISCH		DIMENSIONS INCHES												LBS	
1 PH	3PH	DN1	DN2	a	f	h	h1	h2	h3	i	m	n	n1	w	s	1~	3~
PV02	PV 02	1/4"	1/4"	0.4	7.99	5.55	2.2	1.65	3.86	0.98	2.83	4.33	3.54	2.64	0.24	9	9