



**pump with peripheral impeller**  
recommended for industrial applications



**RANGE OF PERFORMANCE**

Flow rate up to 10 l/min (0.6 m<sup>3</sup>/h)  
Head up to 42 m

**LIMITS OF USE**

Manometric suction lift up to 8 m  
Liquid temperature up to + 90°C  
Environment temperature up to + 40°C

**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 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.**

The pump must be installed in enclosed places, or at least protected against inclement weather.

**GUARANTEE 2 YEARS** subject to our general terms of sale.

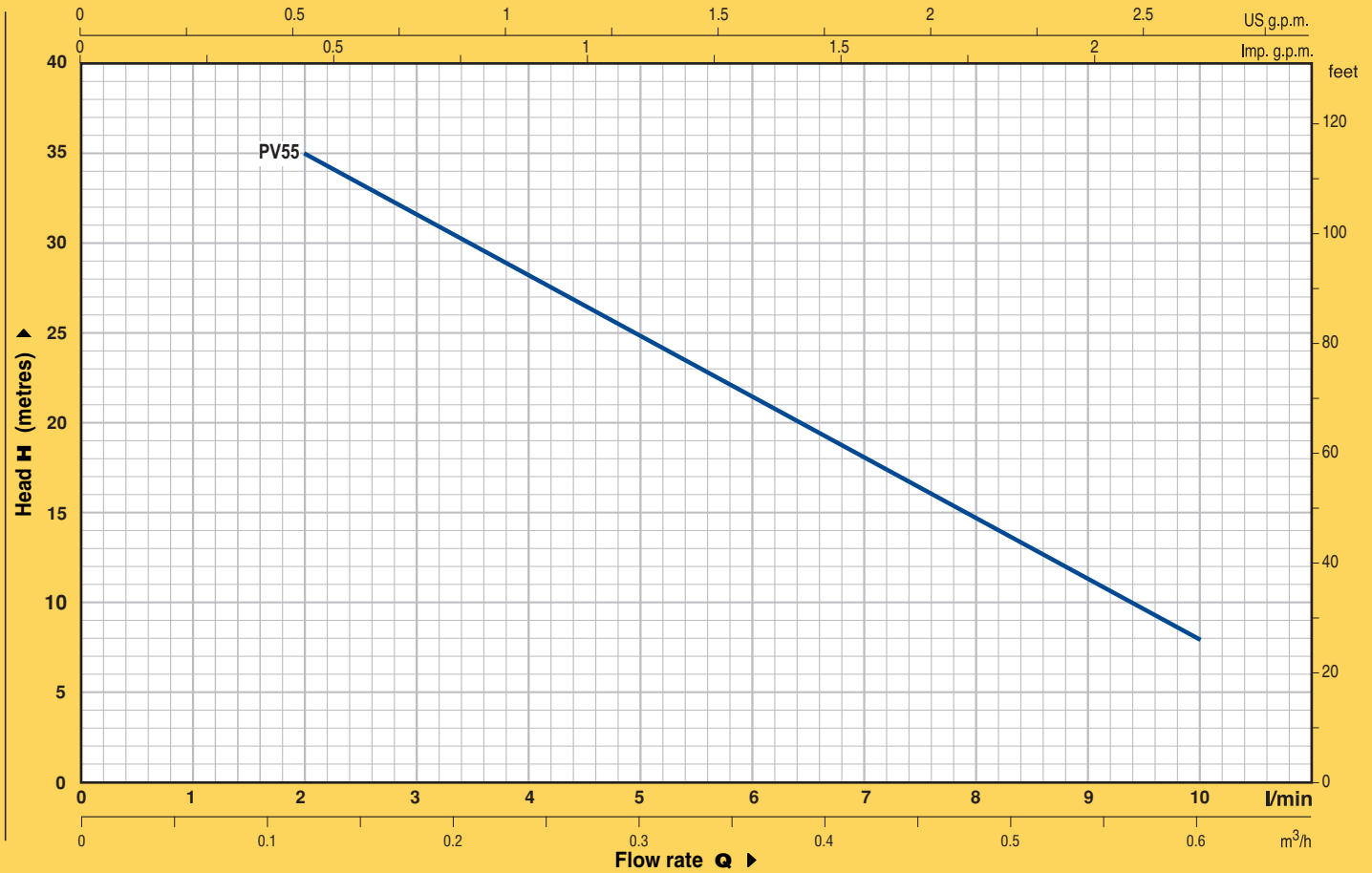
**CONSTRUCTION CHARACTERISTICS**

- **PUMP BODY:** brass, with threaded ports ISO 228/1.
- **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.
- **PVm:** single-phase 230 V - 50 Hz with capacitor and thermal overload protector.
- **PV:** three-phase 230/400 V - 50 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 60 Hz

**CURVES AND PERFORMANCE DATA AT n= 2900 1/min**

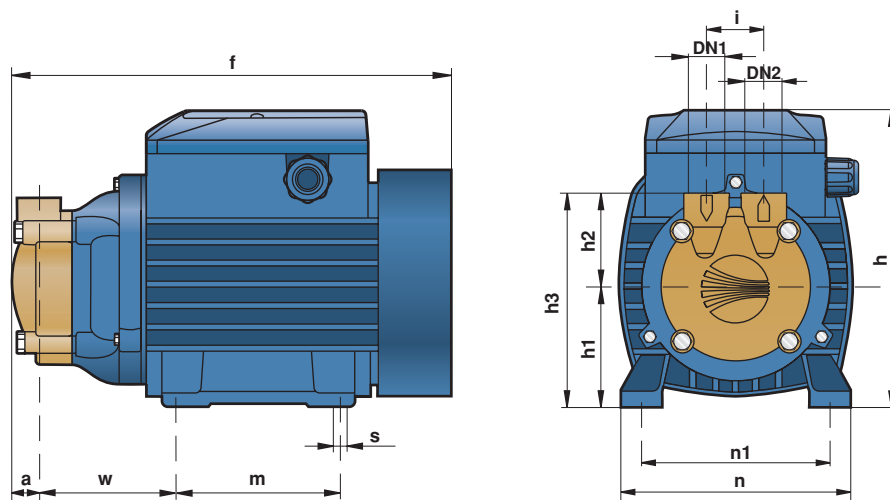


TYPE		POWER		Q	Flow rate										
Single-phase	Three-phase	kW	HP		m <sup>3</sup> /h	0	0.12	0.18	0.24	0.30	0.36	0.42	0.48	0.54	0.60
PVm 55	PV 55	0.18	0.25	l/min	0	2	3	4	5	6	7	8	9	10	
				H metres	42	35	31	28	25	21.5	18	14.5	11	8	

Q = Flow rate H = Total manometric head

Tolerance of the performance curves according to EN ISO 9906 App. A.

**DIMENSIONS AND WEIGHTS**



TYPE		PORTS		DIMENSIONS mm													kg	
Single-phase	Three-phase	DN1	DN2	a	f	h	h1	h2	h3	i	m	n	n1	w	s	1~	3~	
PVm 55	PV 55	1/4"	1/4"	10	203	141	56	42	98	25	72	110	90	67	6	4.1	4.1	