

PQ3000

**pump with peripheral impeller
for industrial uses**



RANGE OF PERFORMANCE

Flow rate up to 50 l/min (3 m³/h)
Head up to 180 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

It is 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 THIS PUMP, TOGETHER WITH ITS COMPACTNESS AND STURDINESS, MAKE IT SUITABLE FOR USE IN THE INDUSTRIAL SECTOR.** 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.

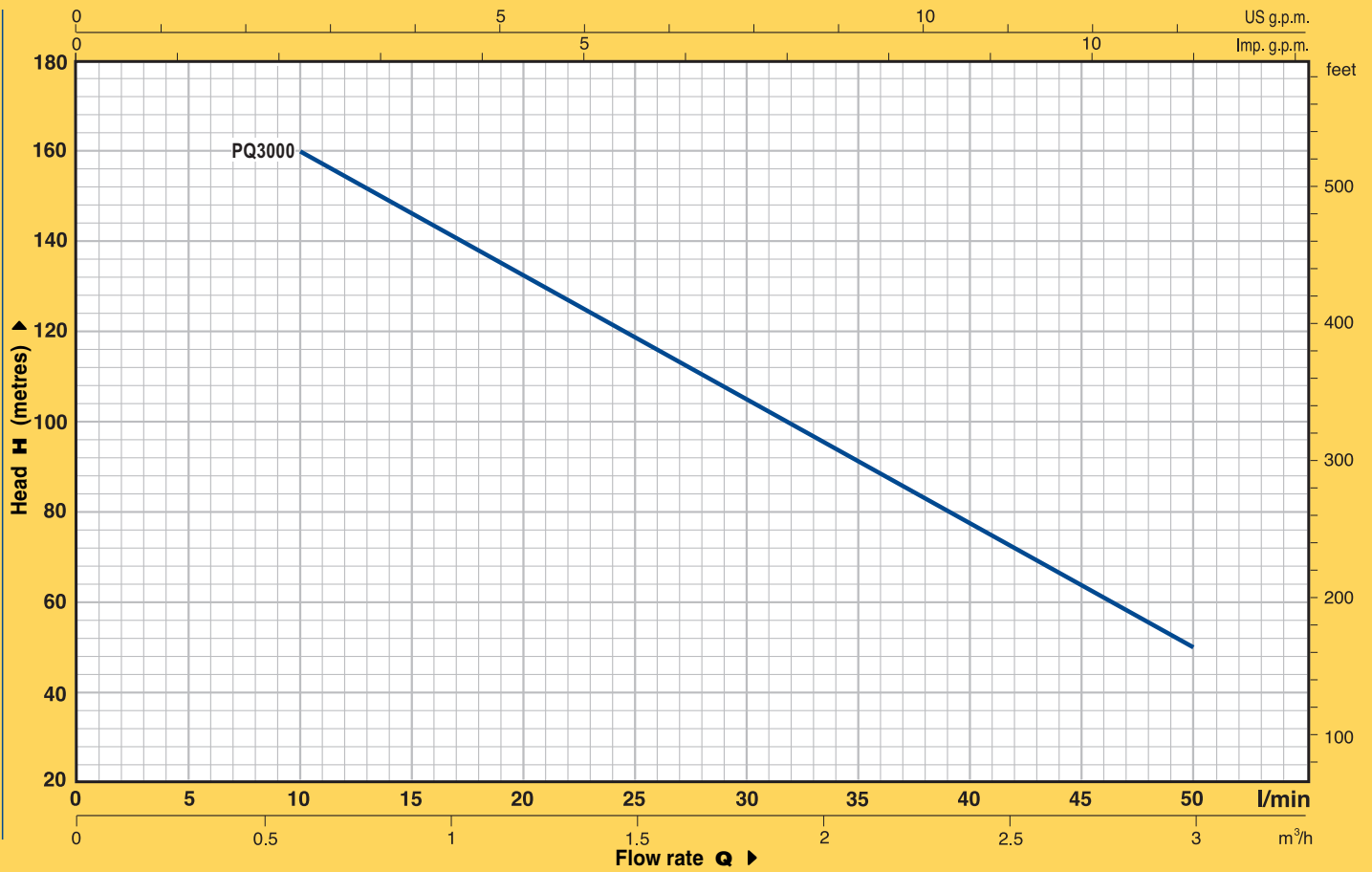
CONSTRUCTION CHARACTERISTICS

- **PUMP BODY:** cast iron, with threaded ports ISO 228/1.
- **BODY BACK-PLATE:** brass with front shim disk in **stainless steel**.
- **MOTOR BRACKET (patent n° 1289150):** aluminium with **brass and stainless steel** insert; eliminates seizure of the impeller after long periods of inactivity.
- **IMPELLER:** **bronze**, 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 3000: three-phase 230/400 V - 50 Hz.
- **INSULATION:** class H. ● **PROTECTION:** IP 55.

OPTIONS ON REQUEST

- ⇒ pump shaft in stainless steel **EN 10088-3 - 1.4401 (AISI 316)**
- ⇒ special mechanical seal
- ⇒ other voltages or frequency 60 Hz

CURVES AND PERFORMANCE DATA AT n= 2900 1/min

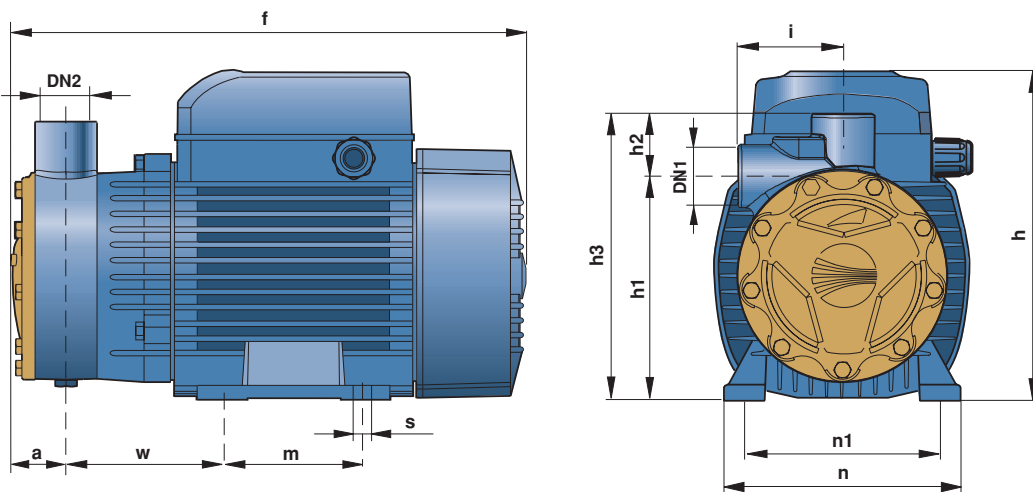


TYPE	POWER		Q	0	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0
	kW	HP		0	10	15	20	25	30	35	40	45	50
Three-phase			m³/h										
PQ 3000	2.2	3	l/min	180	160	145	132	118	105	92	78	63.5	50
			H metres										

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
	DN1	DN2	a	f	h	h1	h2	h3	i	m	n	n1	w	s		
Three-phase																
PQ 3000	3/4"	3/4"	34	329	212	142	38	180	65	100	166	125	97	9	19.0	