



Clean water



Industrial use

PERFORMANCE RANGE

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

INSTALLATION AND USE

- Designed to transfer clean water free from abrasive particles and liquids that will not damage the pump's components.
- Its hydraulic characteristics make it suitable for **industrial applications**.
- **PQ3000** pump's body is available in cast iron (cost-effective) or micro-cast stainless steel.

APPLICATION LIMITS

- Manometric suction head up to **8 m**
- Liquid temperature between **-10 °C** and **+90 °C**
- Ambient temperature between **-10 °C** and **+50 °C**
- Maximum working pressure **18 bar**

AVAILABLE UPON REQUEST

- ✗ Mechanical seal options available
- ✗ Shaft in stainless steel AISI 316 EN 10088-3 - 1.4401
- ✗ Different voltage or frequency

PATENTS - TRADE MARKS - MODELS

- Registered community model
No. 002714469 for PQ 3000-MF

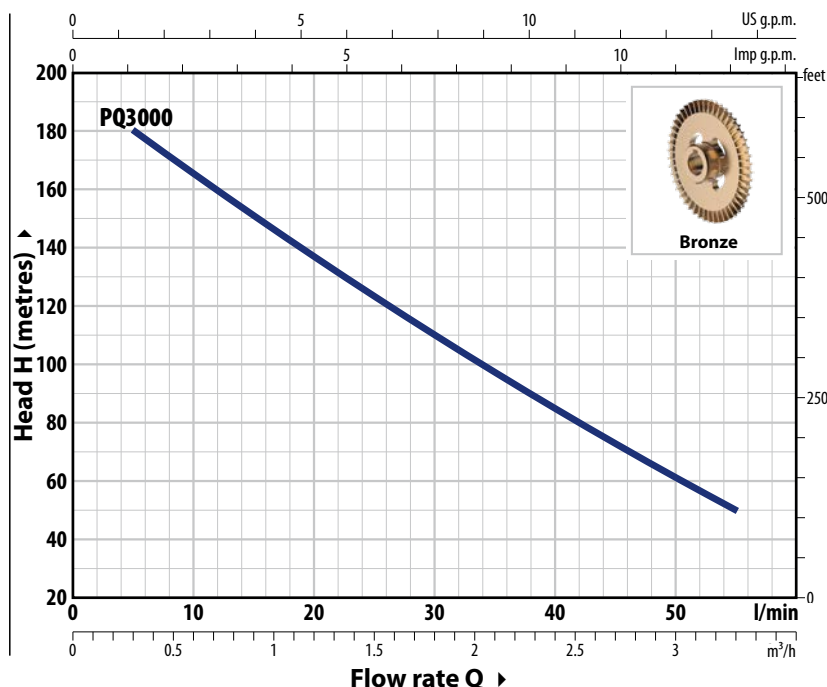
ABSORPTION

TYPE	VOLTAGE	
	220 V - Δ	380 V - 人
PQ 3000	14.2 A	8.2 A
PQ 3000-MF	14.2 A	8.2 A



CURVES AND PERFORMANCE DATA – HS=0 m

60 Hz

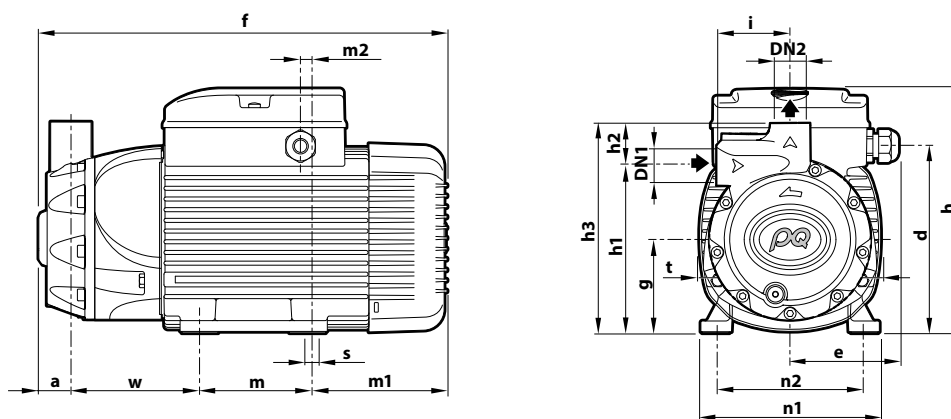


TYPE	POWER (P ₂)		3~	Q m³/h l/min	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3
Three-phase	kW	HP			5	10	15	20	25	30	35	40	45	50	55
PQ 3000	2.2	3	IE3	H m	180	165	151	137	123	110	97	85	73	61	50
PQ 3000-MF	2.2	3			180	165	151	137	123	110	97	85	73	61	50

Q = Flow rate H = Total manometric head HS = Suction height

Performance curves comply with EN ISO 9906 Grade 3B tolerance limits.

DIMENSIONS AND WEIGHT



TYPE	PORTS		DIMENSIONS mm																			kg
Three-phase	DN1	DN2	a	d	e	f	g	h	h1	h2	h3	i	m	m1	m2	n1	n2	t	w	s	3~	
PQ 3000	¾"	¾"	37	157.5	92	356	80	211	142	36	178	62	100	114	11	151	125	155	105	9	19.9	
PQ 3000-MF			28																		347	19.1

PALLET CAPACITY

GROUPAGE	CONTAINER
n. pumps	n. pumps
72	96
72	96

CONSTRUCTION FEATURES

- | | | | | | |
|--------------------------|--|------|-----------|-----------------|------------------------|
| 1 Pump body | <ul style="list-style-type: none"> ✗ PQ 3000: cast iron with anti-blocking treatment with ISO 228/1 threaded ports ✗ PQ 3000-MF: stainless steel AISI 316 with ISO 228/1 threaded ports | | | | |
| 2 Cover seal | Stainless steel AISI 316 | | | | |
| 3 Motor bracket | Aluminum | | | | |
| 4 Impeller | Bronze , radial peripheral vane type | | | | |
| 5 Mechanical seal | <table border="0"> <tr> <td>Type</td> <td>Materials</td> </tr> <tr> <td>FN-18 NU</td> <td>Graphite/ Ceramic/ NBR</td> </tr> </table> | Type | Materials | FN-18 NU | Graphite/ Ceramic/ NBR |
| Type | Materials | | | | |
| FN-18 NU | Graphite/ Ceramic/ NBR | | | | |
| 6 Motor shaft | Stainless steel AISI 431 | | | | |
| 7 Electric motor | <ul style="list-style-type: none"> – Three-phase 220/380 V - 60 Hz – The pumps are fitted with high performance motors in class IE3 (IEC 60034-30-1) – Continuous running duty S1 – Insulation: class F – Protection rating: IPX5 | | | | |

