



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

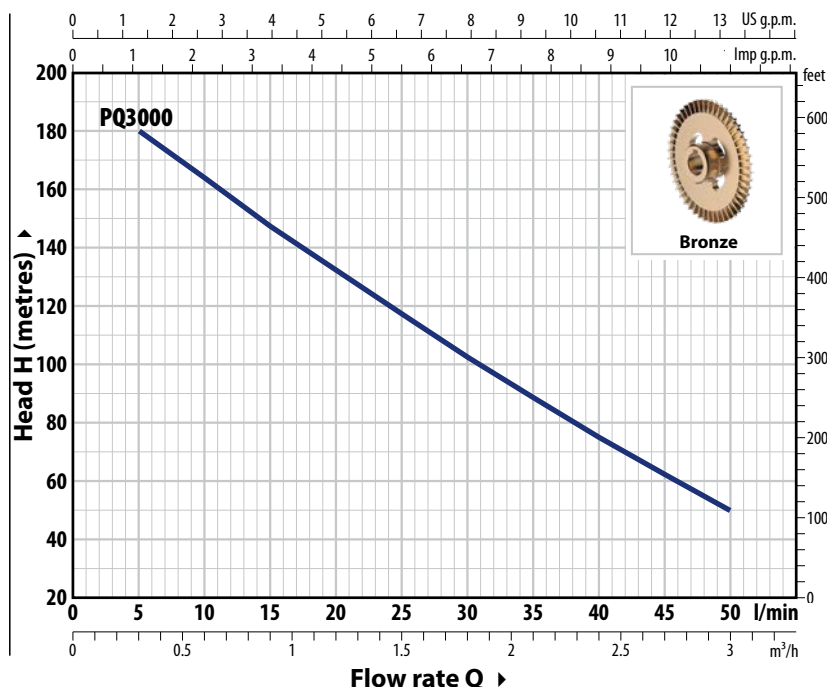
- ✗ Mechanical seal options available
- ✗ Shaft in stainless steel AISI 316 EN 10088-3 - 1.4401
- ✗ Different voltage requirements 60 Hz frequency

PATENTS - TRADE MARKS - MODELS

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

CURVES AND PERFORMANCE DATA – HS=0 m

50 Hz



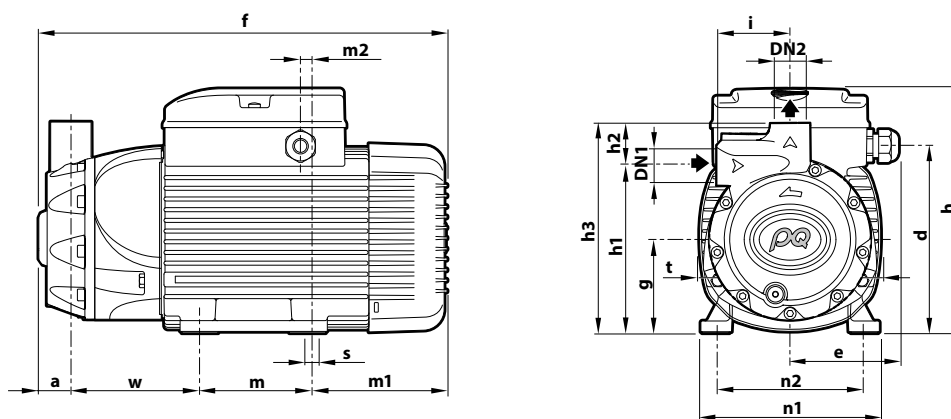
ABSORPTION

TYPE	VOLTAGE	
	230 V - Δ	400 V - 人
PQ 3000	12.9 A	7.5 A
PQ 3000-MF	12.9 A	7.5 A

TYPE	POWER (P ₂)		3~	Q	m³/h	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3
Three-phase	kW	HP			l/min	5	10	15	20	25	30	35	40	45	50
PQ 3000	2.2	3	IE3	H metres	180	164	148	132	117	103	89	75.5	62.5	50	
PQ 3000-MF	2.2	3			180	164	148	132	117	103	89	75.5	62.5	50	

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

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



TYPE	PORTS		DIMENSIONS mm																			kg	PALLET CAPACITY
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	72	
PQ 3000-MF			28																		347	19.1	72

CONSTRUCTION FEATURES

1 Pump body	✖ 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	Type	Materials
	FN-18 NU	Graphite/ Ceramic/ NBR
6 Motor shaft	Stainless steel AISI 431	
7 Electric motor	Three-phase 230/400 V - 50 Hz ✖ The pumps are equipped with motors (IEC 60034-30-1) in class IE3 – Continuous running duty S1 – Insulation: class F – Protection rating: IP X5	

