PQ 3000-MF Peripheral impeller pumps

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**.

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**

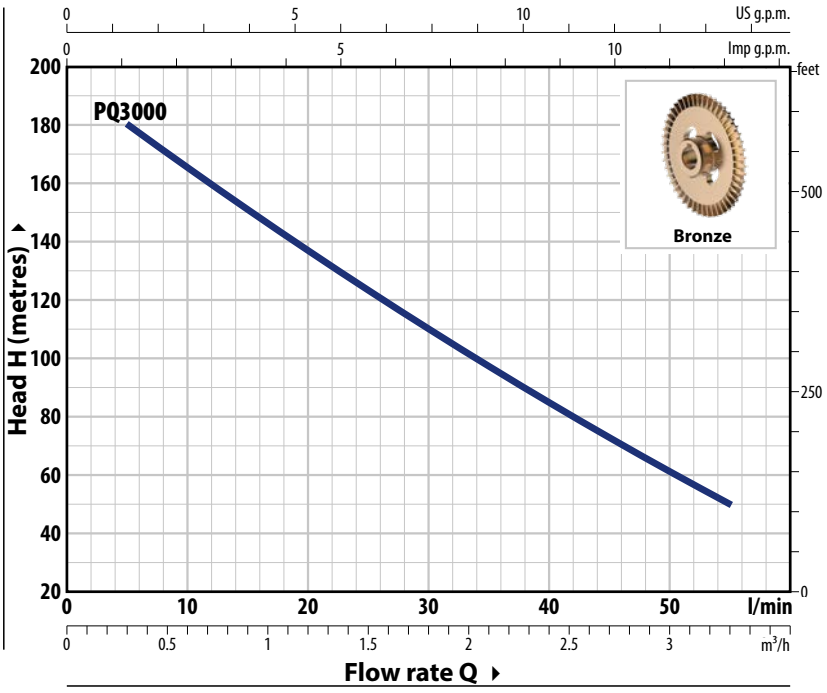
AVAILABLE UPON REQUEST

※ 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

CURVES AND PERFORMANCE DATA – HS=0 m **60 Hz**



ABSORPTION

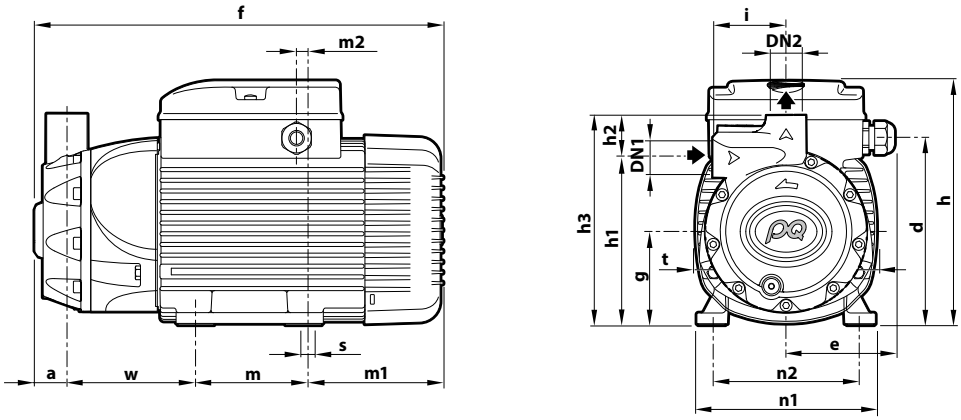
TYPE	VOLTAGE	
Three-phase	220 V - Δ	380 V - Y
PQ 3000-MF	14.2 A	8.2 A

TYPE	POWER (P2)			Q	m³/h	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	3~		l/min	5	10	15	20	25	30	35	40	45	50	55
PQ 3000-MF	2.2	3	IE3	H	m	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-MF	¾"	¾"	28	157.5	92	347	80	211	142	36	178	62	100	114	11	151	125	155	105	9	19.1

PALLET CAPACITY

GROUPAGE	CONTAINER
n. pumps	n. pumps
72	96

CONSTRUCTION FEATURES

1	**Pump body**	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: **FN-18 NU** — Materials: Graphite/ Ceramic/ NBR
6	**Motor shaft**	Stainless steel **AISI 431**
7	**Electric motor**	– 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

