

**Centrifugal pumps made of stainless steel AISI 316, equipped with an open impeller, ideal for transferring liquids containing impurities.**



#### RANGE OF PERFORMANCE

Flow rate up to 350 l/min (21 m<sup>3</sup>/h)  
Head up to 20 m

#### LIMITS OF USE

Manometric suction lift up to 7 m  
Liquid temperature up to + 90°C  
Environment temperature up to + 40°C  
Passage of solid bodies Ø 10 mm

#### CONSTRUCTION AND SAFETY STANDARDS

EN 60034-1  
IEC 34-1  
CEI 2-3



#### INSTALLATION AND USE

They are recommended for pumping water and liquids that are chemically non aggressive to the materials from which the pump is made.

**THE OPEN IMPELLER DESIGN ALLOWS THE PUMPING OF LIQUIDS WITH RELATIVELY HIGH LEVELS OF IMPURITIES WITHOUT RISK OF CLOGGING THE IMPELLER. FOR THIS REASON THE PRO-NGA SERIES ARE SUITABLE FOR USE IN SYSTEMS FOR WASHING FRUIT, VEGETABLES, FISH, SHELLFISH, MEAT, IN INDUSTRIAL SYSTEMS FOR WASHING METAL PARTS, GLASS CONTAINERS, AND FOR THE CIRCULATION OF COOLING LIQUIDS.**

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

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

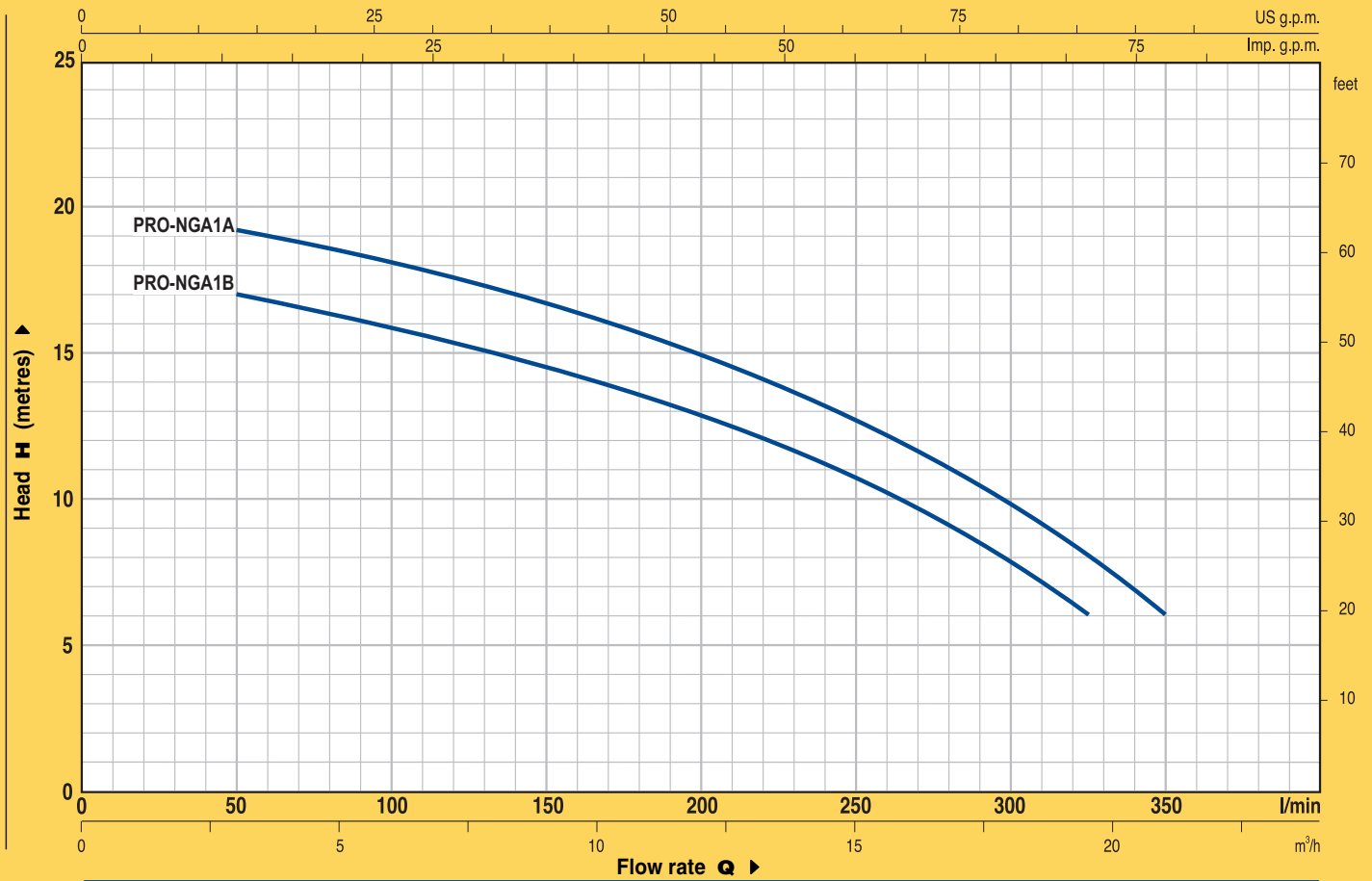
#### CONSTRUCTION CHARACTERISTICS

- **PUMP BODY:** stainless steel AISI 316, with threaded ports ISO 228/1.
- **BODY BACK-PLATE:** stainless steel AISI 316.
- **OPEN IMPELLER:** stainless steel AISI 316.
- **MOTOR SHAFT:** stainless steel AISI 316.
- **MECHANICAL SEAL:** ceramic - graphite - viton - AISI 316
- **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.  
**PRO-NGAm:** single-phase 230 V - 50 Hz with capacitor and thermal overload protector.  
**PRO-NGA:** three-phase 230/400 V - 50 Hz.
- **INSULATION:** class F. ● **PROTECTION:** IP 44.

#### OPTIONS ON REQUEST

- ⇒ special mechanical seal
- ⇒ other voltages or frequency 60 Hz
- ⇒ protection IP 55

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

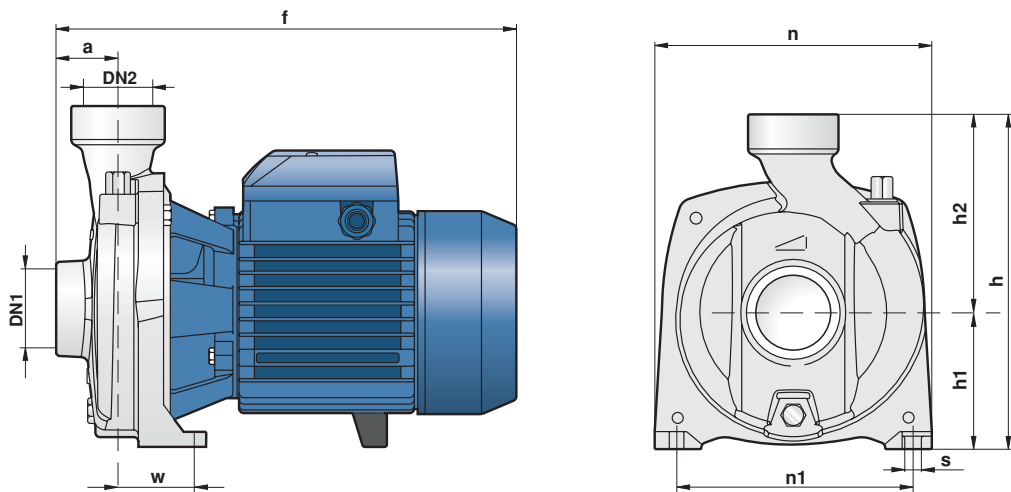


TYPE		POWER		Q	Flow rate									
Single-phase	Three-phase	kW	HP		m³/h	0	3	6	9	12	15	18	19.5	21
PRO-NGAm 1B	PRO-NGA 1B	0.55	0.75	l/min	0	50	100	150	200	250	300	325	350	
PRO-NGAm 1A	PRO-NGA 1A	0.75	1.00	H metres	18	17	16	14.5	13	10.5	8	6		
					20	19.5	18	16.5	15	12.5	10	8	6	

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	n	n1	w	s	1~	3~	
PRO-NGAm 1B	PRO-NGA 1B	1 1/2"	1 1/2"	41	297	227	92	135	190	160	50	10	13.0	12.0	
PRO-NGAm 1A	PRO-NGA 1A	1 1/2"	1 1/2"										13.1	12.1	