AL-RED® stainless steel centrifugal pumps

RANGE OF PERFORMANCE

Maximum flow rate 160 l/min (9.6 m³/h)
Maximum head 23 m

LIMITS OF USE

Manometric suction lift up to 7 m
Liquid temperature up to + 90°C
Environment temperature up to + 55°C

CONSTRUCTION AND SAFETY STANDARDS

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

CE

INSTALLATION AND USE

It is recommended for pumping clean water and liquids that are chemically non aggressive to the materials from which the pump is made.
THE CONSTRUCTION OF THESE CENTRIFUGAL PUMPS MAKES THEM SUITABLE FOR USE IN THE DOMESTIC, AGRICULTURAL AND INDUSTRIAL SECTOR. ALL THE WETTED PARTS ARE IN STAINLESS STEEL AISI 340 TO GUARANTEE TOTAL HYGIENE AND MAXIMUM RESISTANCE TO CORROSION.
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

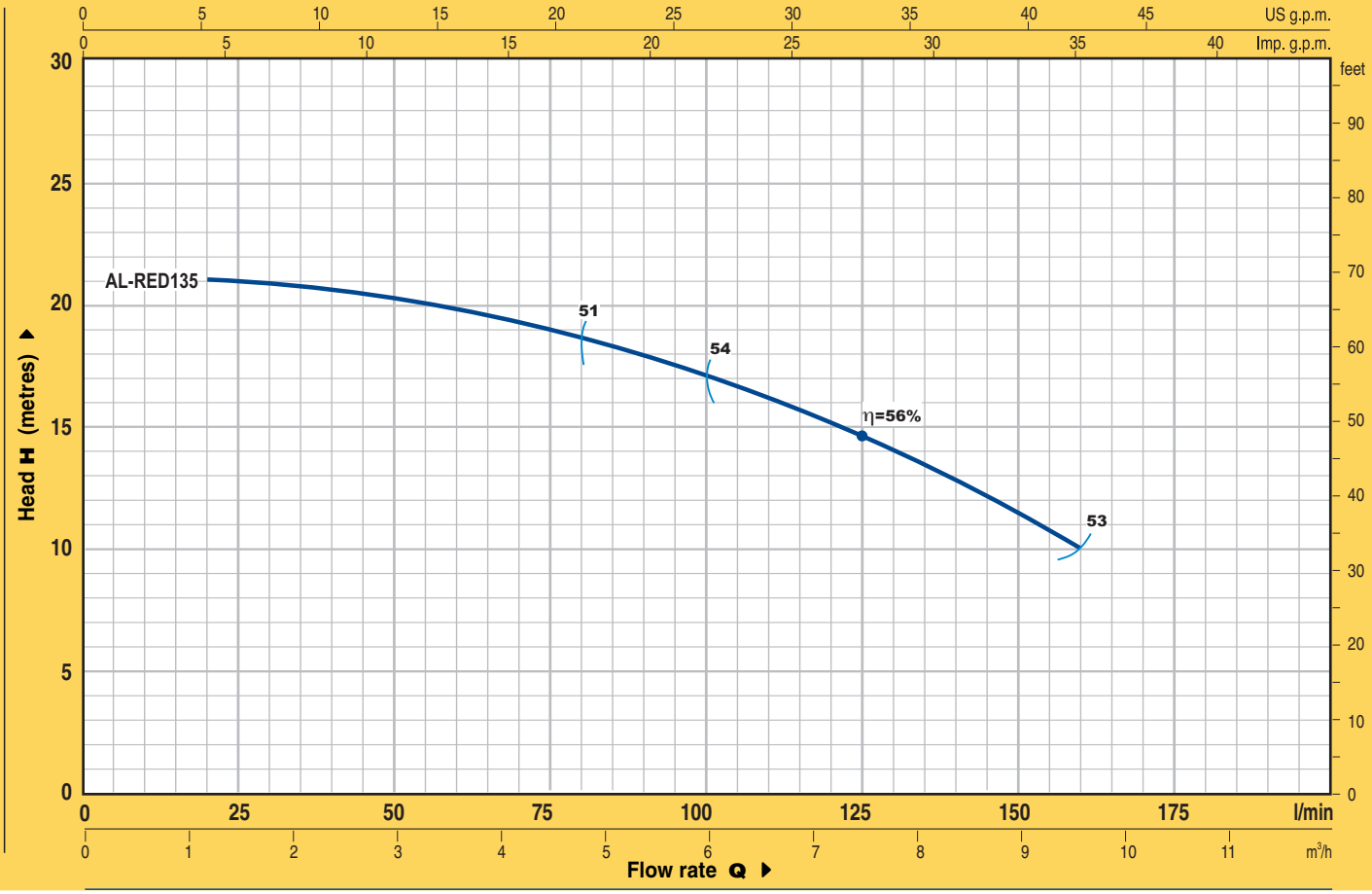
- **PUMP BODY: stainless steel AISI 304**, with threaded ports ISO 228/1.
- **BODY BACK-PLATE AND DIFFUSER: AISI 304**.
- **IMPELLER: stainless steel AISI 304**, of the type with centrifugal radial flow.
- **MOTOR SHAFT: stainless steel EN 10088-3 - 1.4104.**
- **MECHANICAL SEAL: ceramic - graphite - 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.
  AL-RED 135m: single-phase 230 V - 50 Hz with capacitor and thermal overload protector.
  AL-RED 135: three-phase 230/400 V - 50 Hz.
- **INSULATION :** class F. ● **PROTECTION:** IP 44.
- **REGISTERED MODEL nº 72753.**
- **AL-RED® is a REGISTERED TRADE MARK**

OPTIONS ON REQUEST

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

PEDROLLO® ... the spring of life

CURVES AND PERFORMANCE DATA AT n= 2900 1/min

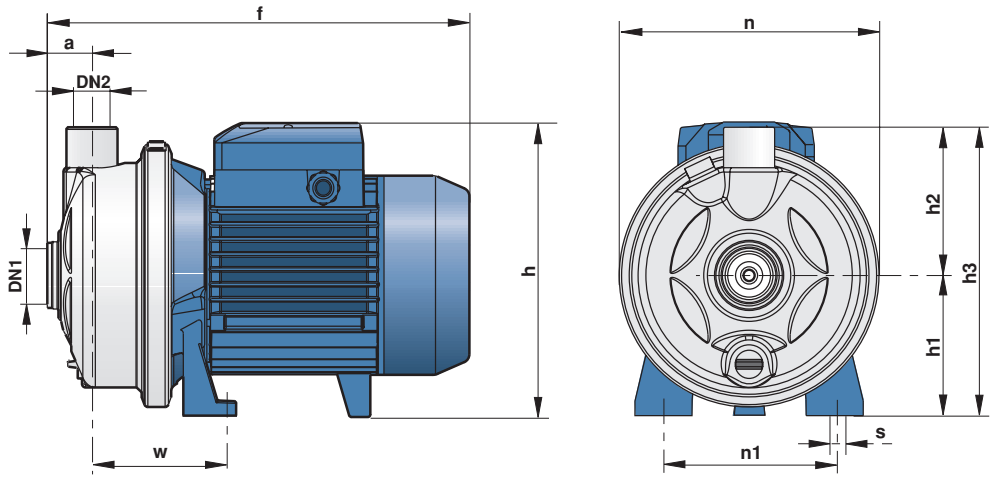


TYPE		POWER		Q									
Single-phase	Three-phase	kW	HP	m³/h	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6
				l/min	**0**	**20**	**40**	**60**	**80**	**100**	**120**	**140**	**160**
AL-RED 135m	**AL-RED 135**	0.75	1	**H** metres	23	21	20.5	20	18.5	17	15	13	10

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	h3	n	n1	w	s	1~	3~
AL-RED 135m	**AL-RED 135**	1¼"	1"	31.5	295	206	97	103	200	182	115	93	10	9.1	9.1