

# 4SK 4" submerged electropump with peripheral impeller

**Stainless steel submerged pump with peripheral impeller and anti-blocking system.**

**Standard version supplied with a 10-metre power cable and built-in condenser, for simple and easy installation.**



## RANGE OF PERFORMANCE

Flow rate up to 50 l/min (3.0 m<sup>3</sup>/h)

Head up to 68 m

## LIMITS OF USE

Depth of use up to 40 m

Liquid temperature up to + 40°C

## EXECUTION AND SAFETY STANDARDS

EN 60 335-1

EN 60034-1

IEC 335-1

IEC 34-1

CEI 61-150

CEI 2-3



## USES AND INSTALLATIONS

It is recommended for pumping clean water without abrasive particles and liquids that are chemically non aggressive for the materials of which the pump is made. **FOR ITS COMPACTNESS AND ECONOMY IT IS RECOMMENDED FOR DOMESTIC USE AND IN PARTICULAR FOR DISTRIBUTING WATER IN COMBINATION WITH SMALL AUTOCLAVES, FOR IRRIGATION, ETC.**

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

## CONSTRUCTION CHARACTERISTICS

- **DELIVERY BODY:** stainless steel AISI 304.
- **PUMP BODY WITH DOUBLE ANTI-BLOCKING SHIM DISK IN FRONT OF THE IMPELLER;** (patented).
- **IMPELLER:** brass, type with radial peripheral vanes.
- **MOTOR JACKET:** stainless steel AISI 304.
- **MOTOR SHAFT:** stainless steel EN 10088-3 - 1.4104.
- **MOTOR:** submersible, asynchronous, single-phase, for continuous duty (without oil, rewindable).  
4SKm: single-phase 220±240 V - 50 Hz.
- **INSULATION:** class F. ● **PROTEZIONE:** IP 68.
- **MECHANICAL SEAL:** ceramic - graphite - NBR.

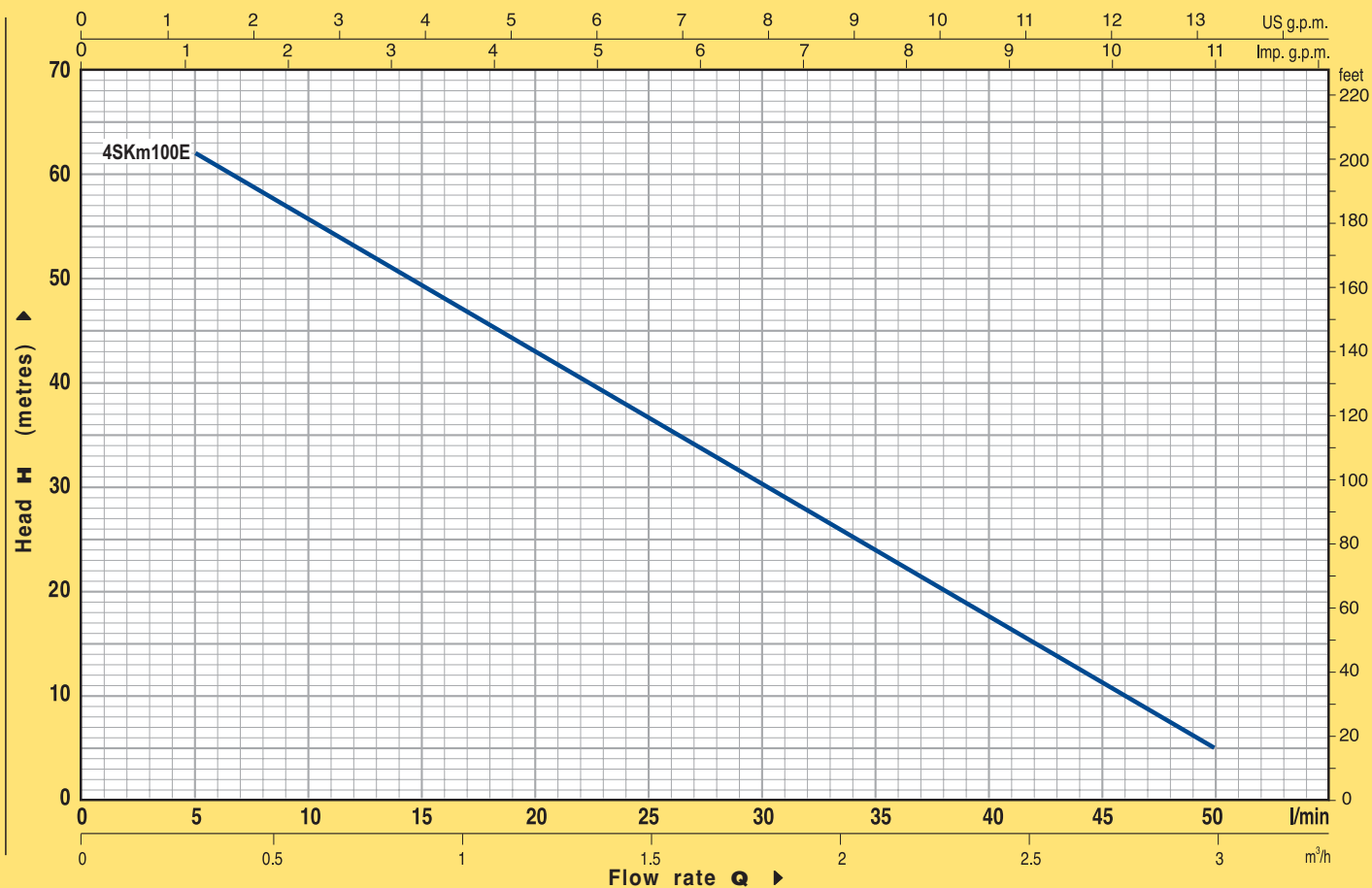
## THE ELECTROPUMP IS COMPLETE WITH:

- 4SKm** Thermal overload protector.
- Condenser built into the inside of the motor.
- Flat type 10 metre power cable.

## EXECUTION ON REQUEST

- ⇒ 20 metre power cable
- ⇒ other voltages or frequency 60 Hz

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

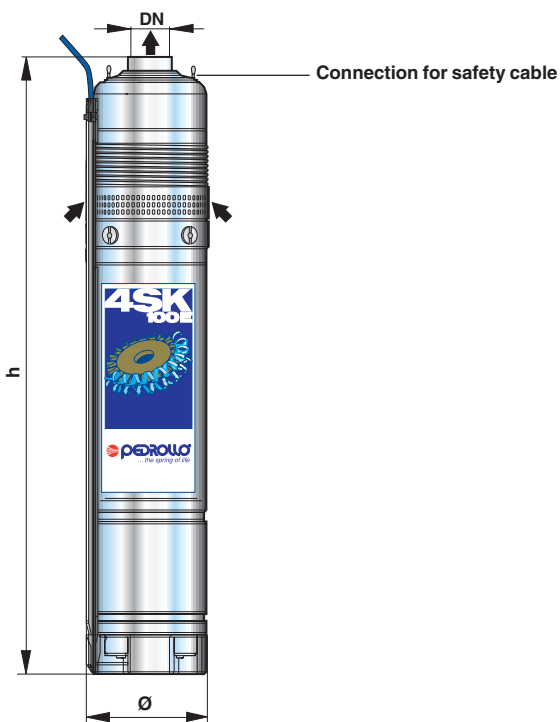


TYPE	POWER		Q	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	3.0
	MW	HP		0	5	10	15	20	25	30	35	40	50
Single-phase			l/min										
<b>4SKm 100E</b>	0.75	1	<b>H metres</b>	68	62	55	49	43	37	30	24	17	5

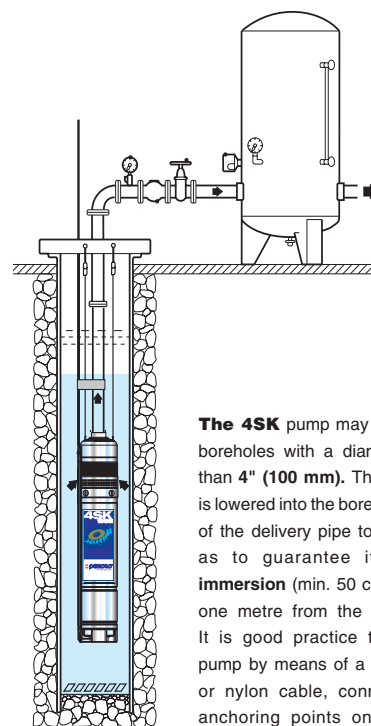
Q = Flow rate H = Total manometric head

Tolerance of the performance curves according to EN ISO 9906 App. A.

**DIMENSIONS AND WEIGHTS**



**Typical installation**



The 4SK pump may be installed in boreholes with a diameter not less than 4" (100 mm). The electropump is lowered into the borehole by means of the delivery pipe to such a depth as to guarantee its **complete immersion** (min. 50 cm and at least one metre from the bottom). It is good practice to secure the pump by means of a stainless steel or nylon cable, connected to the anchoring points on the delivery body.

TYPE	INLET	DIMENSIONS mm		kg
		DN	h	
Single-phase		Ø		
<b>4SKm 100E</b>	<b>1"</b>	99.5	500	13.1