

# 4SK 4" submerged pump with peripheral impeller

**Stainless steel submersible pump with peripheral impeller and anti-seize system. Standard version includes 10 m power cable and integral capacitor for ease of 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

Submersion depth up to 40 m  
Liquid temperature up to + 40°C

## CONSTRUCTION AND SAFETY STANDARDS

EN 60 335-1	EN 60034-1
IEC 335-1	IEC 34-1
CEI 61-150	CEI 2-3



## INSTALLATION AND USE

It is recommended for pumping clean water without abrasive particles and liquids that are chemically non aggressive to the materials from which the pump is made. **COMPACT AND ECONOMICAL, IT IS RECOMMENDED FOR DOMESTIC APPLICATIONS INCLUDING WATER SUPPLIES AND IRRIGATION.**

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

## CONSTRUCTION CHARACTERISTICS

- DELIVERY BODY: stainless steel AISI 304.
- IMPELLER HOUSING WITH PATENTED DOUBLE ANTI-SEIZE INSERTS.
- IMPELLER: brass, type with radial peripheral vanes.
- MOTOR JACKET: stainless steel AISI 304.
- MOTOR SHAFT: stainless steel EN 10088-3 - 1.4104.
- MOTOR: asynchronous, dry rewindable stator, for continuous duty  
4SKm: single-phase 220÷240 V - 50 Hz.
- INSULATION: class F. ● PROTEZIONE: IP 68.
- MECHANICAL SEAL: ceramic - graphite - NBR.

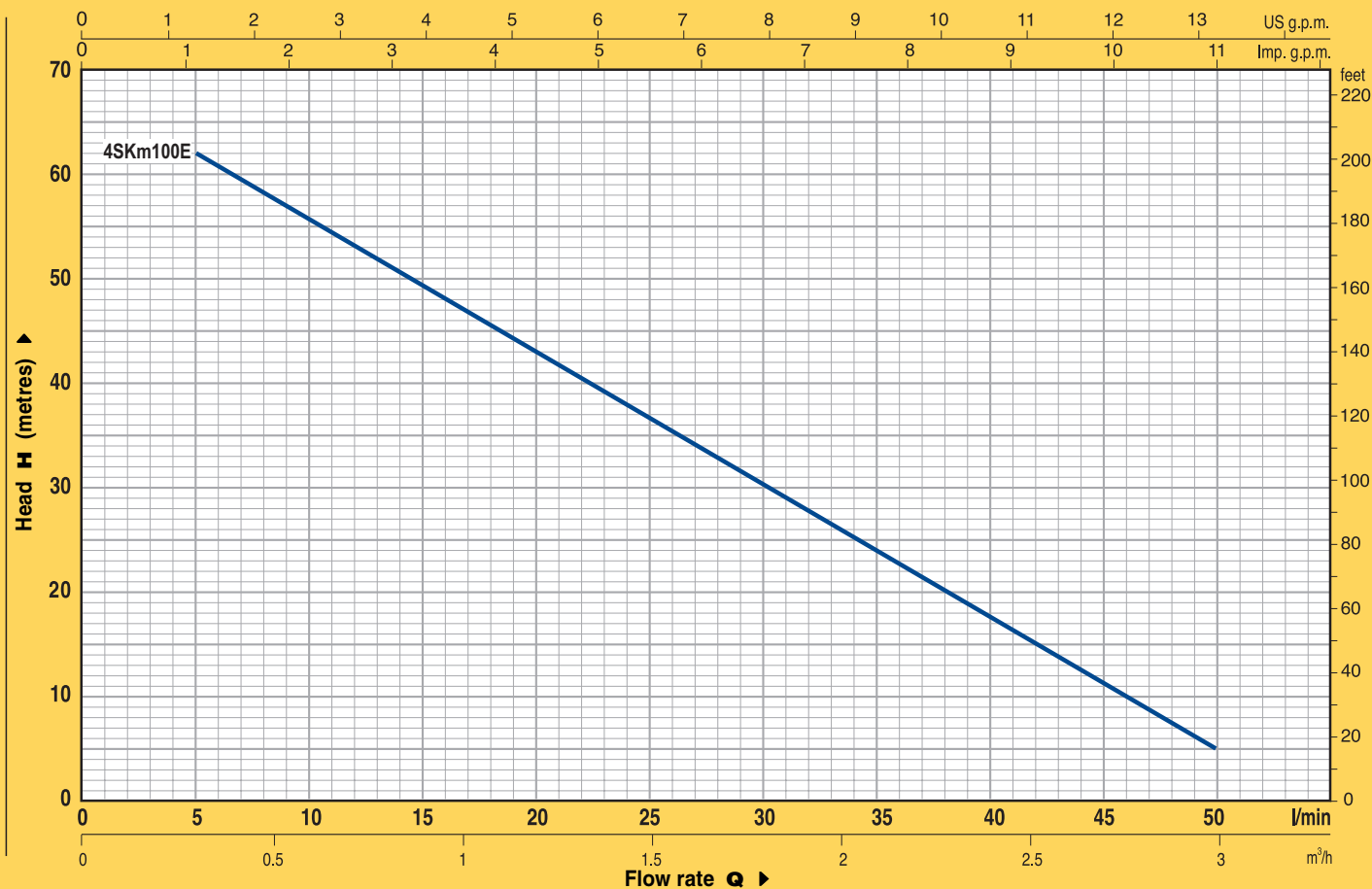
## STANDARD FEATURES:

**4SKm** Thermal overload protector.  
Internal capacitor  
Flat type 10 metre power cable.

## OPTIONS ON REQUEST

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

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

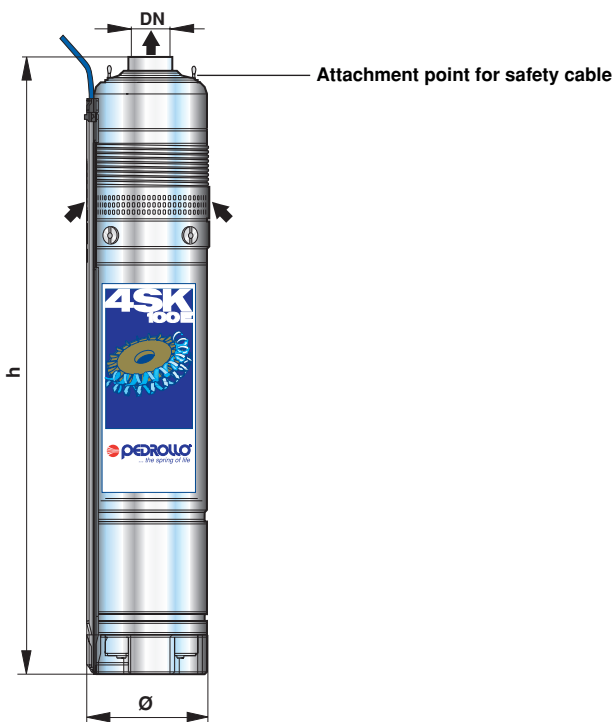


TYPE	POWER		Q	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	3.0
	kW	HP		0	5	10	15	20	25	30	35	40	50
Single-phase			l/min										
<b>4SKm 100E</b>	0.75	1	<b>H metres</b>	68	62	55	49	43	37	30	24	17	5

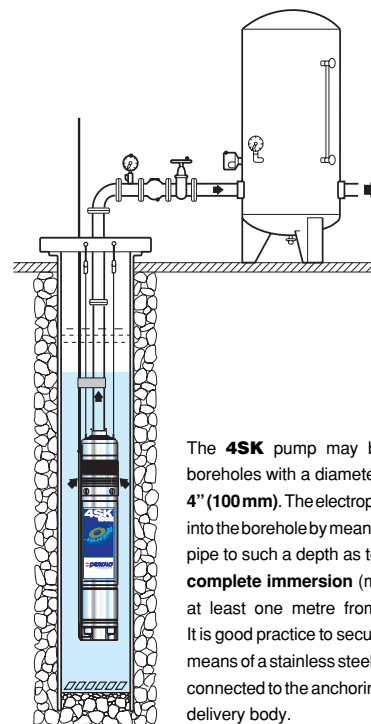
Q = Flow rate H = Total manometric head

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