

**Submerged pumps with peripheral impeller and patented anti-seize system (guarantees pump operation even after long periods of inactivity).**



### RANGE OF PERFORMANCE

Flow rate up to 80 l/min (4.8 m<sup>3</sup>/h)  
Head up to 77 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

They are 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, THEY ARE RECOMMENDED FOR DOMESTIC APPLICATIONS INCLUDING WATER SUPPLIES AND IRRIGATION.**

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

### CONSTRUCTION CHARACTERISTICS

- **DELIVERY BODY:** brass with 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, for continuous duty, may be removed and rewound, in an oil bath.  
5SKm: single-phase 220÷240 V - 50 Hz.
- **INSULATION:** class F. ● **PROTECTION IP 68.**
- **MECHANICAL SEAL:** stainless steel - graphite - NBR.

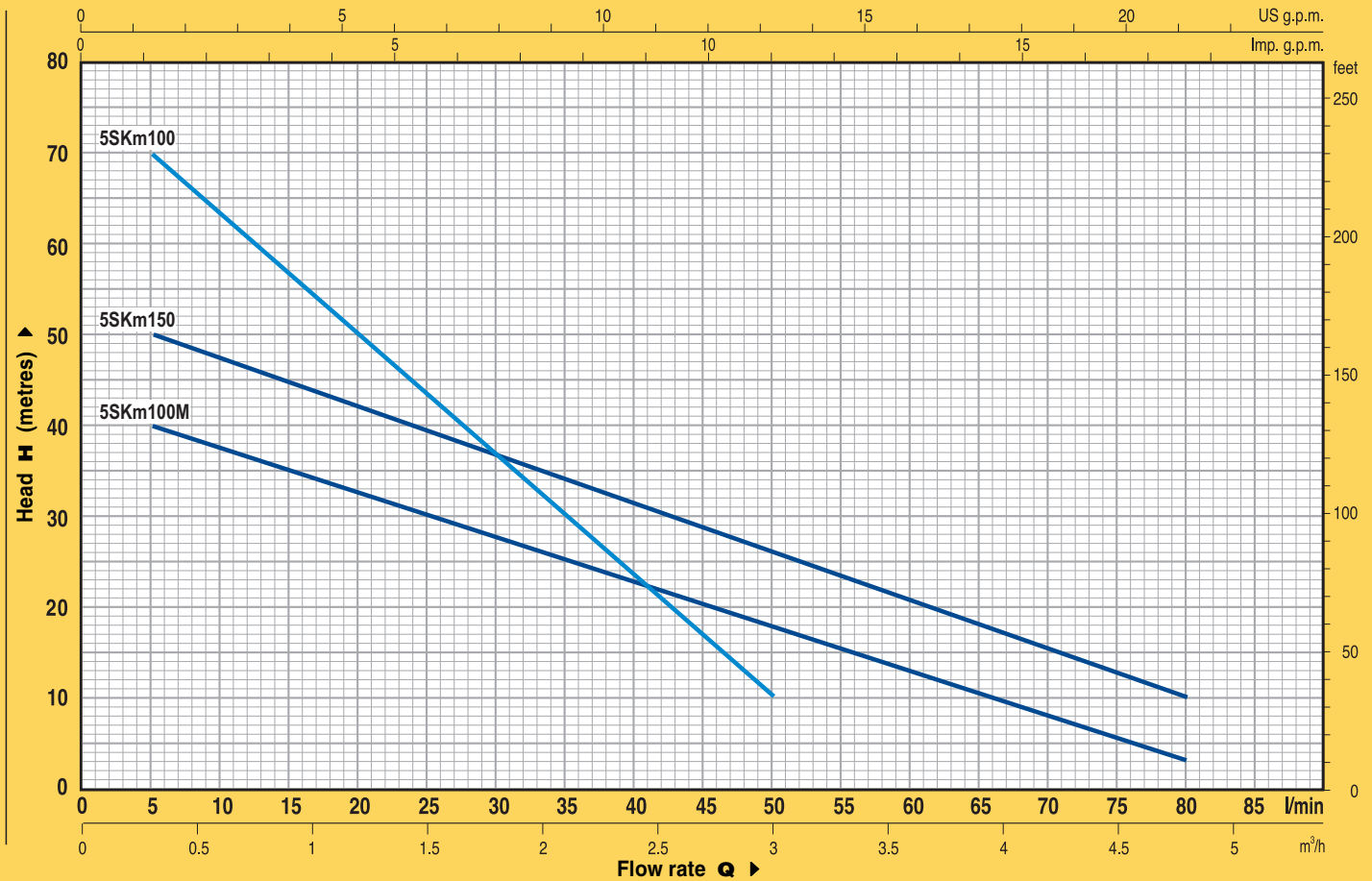
### STANDARD FEATURES:

- 5SKm** Check valve.  
20 metre neoprene power cable type "H07 RN-F" with removable connector.  
Control box with double pole power switch, capacitor and motor overload protector with manual reset.

### OPTIONS ON REQUEST

⇒ other voltages or frequency 60 Hz

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

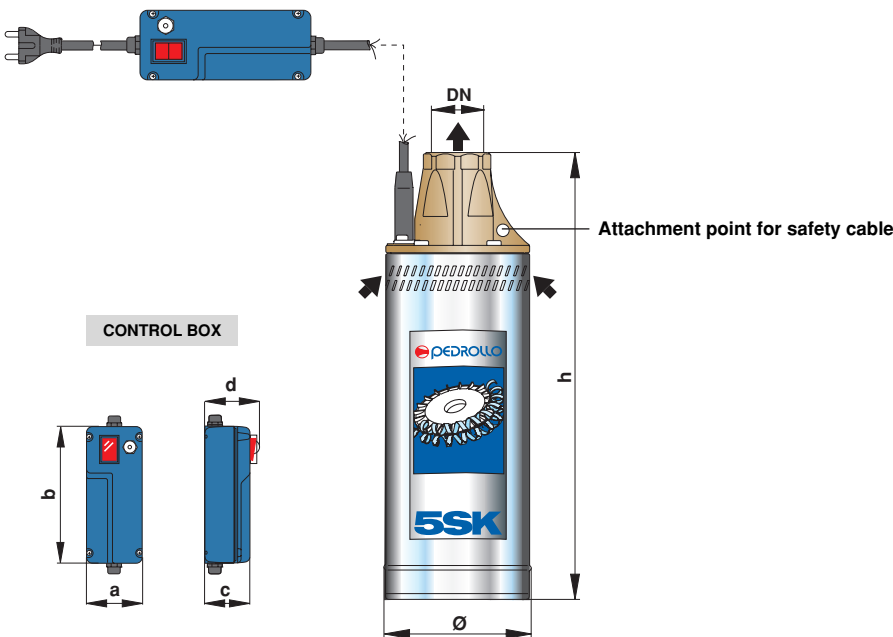


TYPE	POWER		Q	Flow rate															
	kW	HP		m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	3.0	3.6	4.2	4.8		
Single-phase			l/min	0	5	10	15	20	25	30	35	40	50	60	70	80			
5SKm 100	0.75	1	H metres	77	70	63.5	57	50	43.5	37	30	23	10						
5SKm 100M	0.75	1		42	40	37.5	35	32.5	30	27.5	25	22.5	17.5	13	8	3			
5SKm 150	1.1	1.5		53	50	47.5	45	42	39	37	34	31	26	21	15	10			

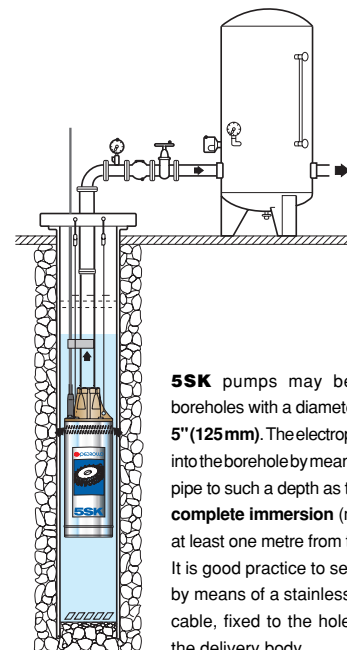
Q = Flow rate H = Total manometric head

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

**DIMENSIONS AND WEIGHTS**



**Typical installation**



**5SK** pumps may be installed in boreholes with a diameter not less than 5" (125mm). 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, fixed to the holes provided on the delivery body.

TYPE	PORT DN	Ø	h	DIMENSIONS mm				kg
Single-phase								
5SKm 100	1 1/4"	120	313	81	200	66	85	14.9
5SKm 100M								16.4
5SKm 150								16.4