



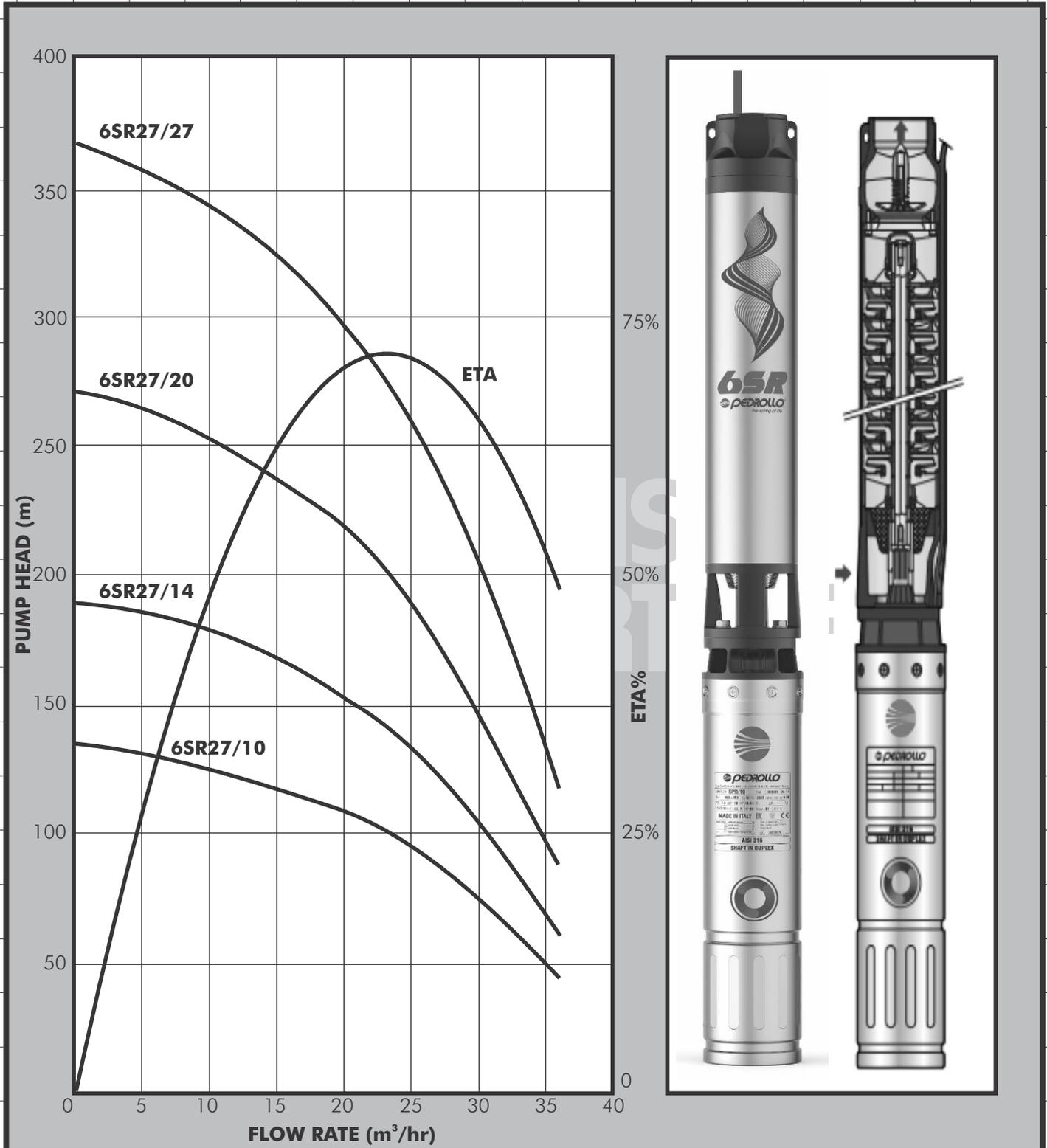
# PEDROLLO

MADE IN ITALY

## DATA SHEET

Submersible  
Borehole Pumps

## 6SR27



## PUMP

Pedrollo 6SR27 submersible pumps are specifically designed for supply from boreholes, though can also be used in other submersible applications in either vertical or horizontal configuration. They feature a hydraulic design that incorporates floating impellers which together with especially resistant component materials provide high resistance to sand content in the pumped water.

The pump impellers and diffusers are made from technopolymer while the stage casings, top housing, suction connector, pump sleeve and shaft are made of AISI 304 stainless steel. The pump is supplied with a 4m tail cable.

## MOTOR

Pumps are coupled to a two pole sealed motor constructed principally from stainless steel. Motors require a remote direct in-line starter and if irregular electrical supply is prevalent an additional quick tripping multi function protection relay is recommended.

**Enclosure Class :** IP68      **Insulation Class:** F      **Speed:** 2900rpm      **Voltage:** 3x415V

## OPERATING CONDITIONS

**Pumped Liquid:** Thin, clean, chemically non aggressive liquids with a maximum sand content of 100gm/m<sup>3</sup>.

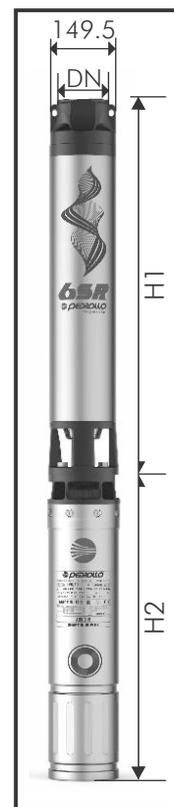
**Max. Liquid Temperature:** +35°C

**Max. Immersion Depth:** 300m

**Min. Borehole Diameter:** 200mm

## PUMP DATA

Model	Motor		Current (A)	DN (")	Dimensions(mm)		Weight (Kg)
	kW	HP			H1	H2	
6SR27/10	11	15	24	3	901	826	74
6SR27/14	15	20	32		1157	894	86
6SR27/20	22	30	47		1474	1116	123
6SR27/27	30	40	64		1845	1243	136



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<b>KENYA</b> Nairobi - Head Office Tel: (254 20) 6968000 headoffice@dayliff.com Nairobi - Westlands Tel: (254 20) 44460116 westlands@dayliff.com Nairobi - Downtown Tel: (254 715 439 392 downtown@dayliff.com Eastleigh Tel: (254 711 079 845 eastleigh@dayliff.com Utawala Tel: (254 780 575745 utawala@dayliff.com Nairobi - Karen Tel: (254 20) 3883513 karen@dayliff.com Ongata Rongai Tel: (254 20) 2400146 ongatarongai@dayliff.com Kiambu Tel: (254 701 640 309 kiambu@dayliff.com	<b>Thika</b> Tel: (254 67) 2220084 thika@dayliff.com Kitengela Tel: (254 45) 3123094 kitengela@dayliff.com Machakos Tel: (254 44) 2021668 machakos@dayliff.com Nairobi - Downtown Tel: (254 701 683 289 kitui@dayliff.com Kitui Tel: (254 701 683 289 kitui@dayliff.com Embu Tel: (254 780 455 512 embu@dayliff.com Meru Tel: (254 64) 3131033 meru@dayliff.com Nanyuki Tel: (254 62) 2030018 nanyuki@dayliff.com Garissa Tel: (254 20) 2400146 garissa@dayliff.com Naivasha Tel: (254 50) 2030510 naivasha@dayliff.com	<b>Lodwar</b> Tel: (254 724) 248602 lodwar@dayliff.com Eldoret Tel: (254 53) 2061306 eldoret@dayliff.com Nakuru Tel: (254 51) 2213248 nakuru@dayliff.com Narok Tel: (254 701 683 289 narok@dayliff.com Kakamega Tel: (254 58) 2031889 kakamega@dayliff.com Bungoma Tel: (254 740 048 514 bungoma@dayliff.com Kisumu Tel: (254 57) 2024763 kisumu@dayliff.com Kisumu Tel: (254 58) 2030949 kisumu@dayliff.com	<b>KENYA COAST</b> Mombasa - Main Office Tel: (254 20) 2040432 mombasa@dayliff.com Mombasa - Downtown Tel: (254 780 567 379 mombasadowntown@dayliff.com Malindi Tel: (254 42) 2120425 malindi@dayliff.com Diani Tel: (254 40) 3202181 diani@dayliff.com Lamu Tel: (254 20) 265105256 lamu@dayliff.com Nyali Tel: (254 20) 2443357 nyali@dayliff.com Voi Tel: (254 40) 2028284 voi@dayliff.com Mtwapa Tel: (254) 798 478 113 mtwapa@dayliff.com	<b>UGANDA</b> Kampala - Main Office Tel: (256 414) 3463378 kampala@dayliff.com Kampala - Nakasero Tel: (256 414) 660 770 shuryayako@dayliff.com Gulu Tel: (256 471) 433041 gulu@dayliff.com Mbarara Tel: (256 753) 840 080 mbarara@dayliff.com Jinja Tel: (256 392) 001556 jinja@dayliff.com <b>SOUTH SUDAN</b> Juba Tel: (211 958) 1397 070 juba@dayliff.com	<b>TANZANIA</b> Dar es Salaam - Main Office Tel: (255 22) 21125159 darsssalaam@dayliff.com Dar es Salaam - Kariakoo Tel: 2164867 kariakoo@dayliff.com Arusha Tel: (255 27) 254731718 arusha@dayliff.com Zanzibar Tel: (255 24) 2246601 zanzibar@dayliff.com Mwanza Tel: (256 213) 320002/234 livingstone@dayliff.com Dodoma Tel: (255) 753 506 505 dodoma@dayliff.com	<b>ZAMBIA</b> Lusaka - Main Office Tel: (260 211) 2880101 lusaka@dayliff.com Lusaka - ChaChaCha Tel: (260 211) 842350 Ndola Tel: (260 212) 6109367 ndola@dayliff.com Kitwe Tel: (260 212) 22174767 kitwe@dayliff.com Livingstone Tel: (260 213) 320002/234 livingstone@dayliff.com Solwezi Tel: (260 218) 821822 solwezi@dayliff.com	<b>RWANDA</b> Kigali Tel: (250) 252 504039 kigali@dayliff.com Rubavu Tel: (243) 814 911999 rubavu@dayliff.com <b>ETHIOPIA (Associate)</b> Addis Ababa Tel: (251 11) 815934164 ethiopia@dayliff.com <b>DRC</b> Lubumbashi Tel: (243) 978 115412/ 852 758553 drc@dayliff.com
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