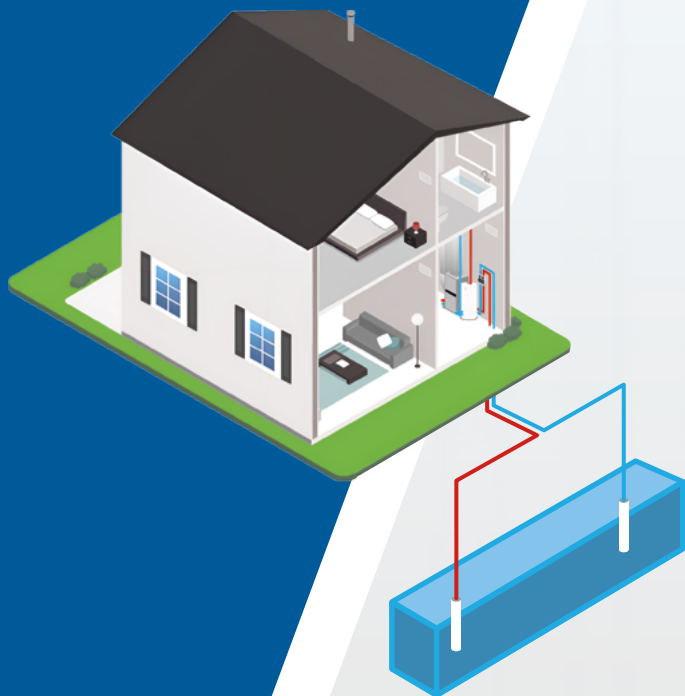


GEOHERMAL APPLICATION

A NEW LANDSCAPE TO BE EXPLORED

THE RIGHT PRODUCTS FOR THE HEATING AND COOLING OF DOMESTIC AND CIVIL SPACES



PANELLI

EFFICIENCY AT ALL LEVELS:

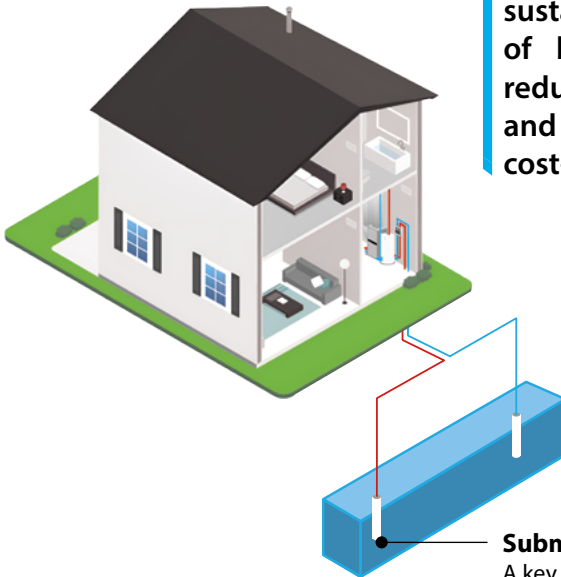
Reduced costs and easy maintenance

Learn more about the economic benefits of using a submersible pump, from reduced running costs to simplified maintenance, ensuring a cost-effective long-term investment.

The use of geothermal energy is well on the way. Submersible pumps play a key role in geothermal systems, helping to circulate water or a heat transfer fluid through the ground to harness the underlying thermal energy. This technology makes it possible to efficiently regulate the temperature of buildings. The benefits of using a geothermal system to heat and cool a building are multiple. Geothermal energy is a renewable energy source as they use the heat naturally present in the ground or in existing groundwater, helping to reduce environmental impact and long-term costs.

When a submersible pump is synergistically integrated into a geothermal system, additional benefits are achieved. The submersible pump facilitates the circulation of the heat transfer fluid, improving the overall efficiency of the system. Its ability to operate at depth allows it to exploit more constant temperatures, optimizing system performance in all seasons. The presence of a submersible pump in a geothermal system not only increases efficiency, but also helps to reduce long-term operating costs.

A geothermal system with an integrated submersible pump is a state-of-the-art solution for sustainable heating and cooling of buildings. Energy efficiency reduced environmental impact and low running costs make it a cost-effective option.



Submersible pumps

A key element for the efficiency of the complex system

95 PRX

Designed to meet the geothermal systems needs



Delivery bowl and suction cage in casted stainless steel AISI 304

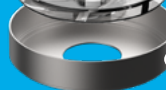
STAGE



Noryl diffuser



Polycarbonate impeller



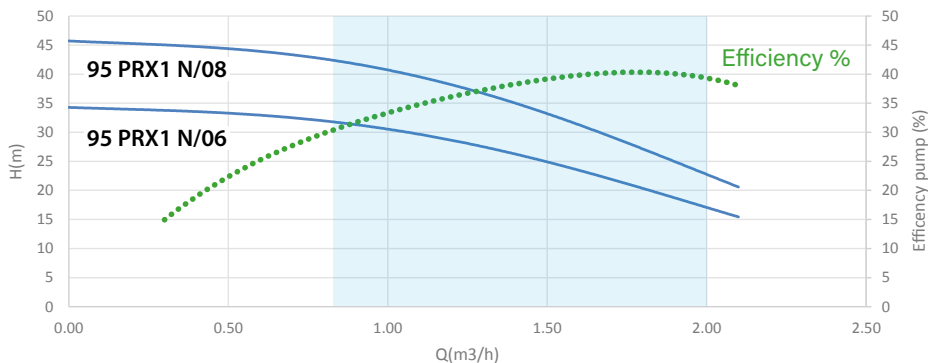
Intermediate casing in AISI 304

PLUG AND PLAY KIT

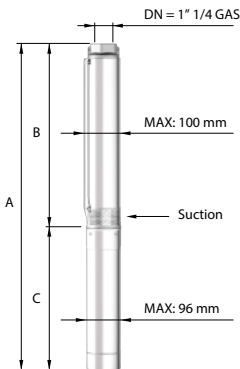
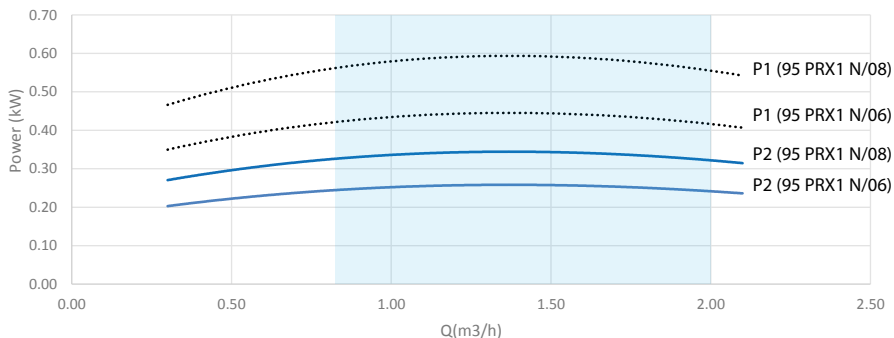
Available on request in a kit with a longer cable and a plug and play control panel with a capacitor and switch

HYDRAULIC PERFORMANCE

95 PRX1 Q/H/EFF%



95 PRX1 Q/kW



DIMENSIONS AND WEIGHTS

Type	A mm	B mm	C mm	M kg	P kg
95 PRX1 N/06	644	327	317	6	3,5
95 PRX1 N/08	683	366	317	7	4,0

TYPE AND POWER

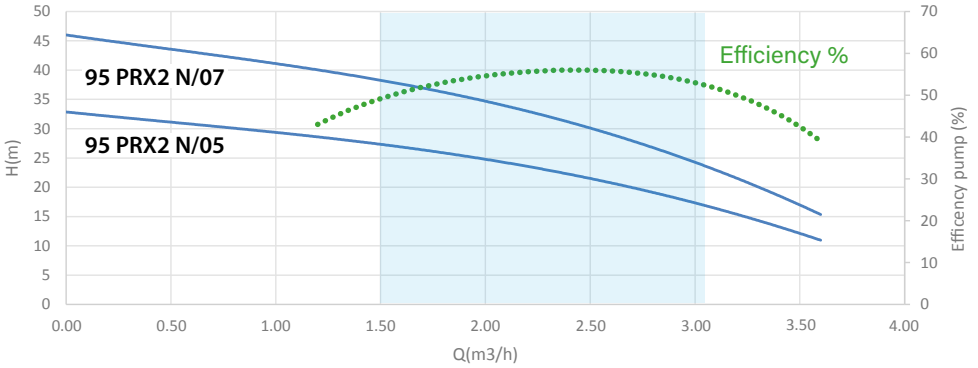
Tipo Type	Power		V 230 single phase		V 400 three phase
	kW	HP	A	μf	A
95 PRX1 N/06	0,25	0,33	2,7	16	0,9
95 PRX1 N/08	0,37	0,5	3,5	16	1,3

RECOMMENDED FLOW RANGE

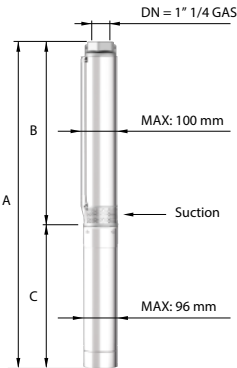
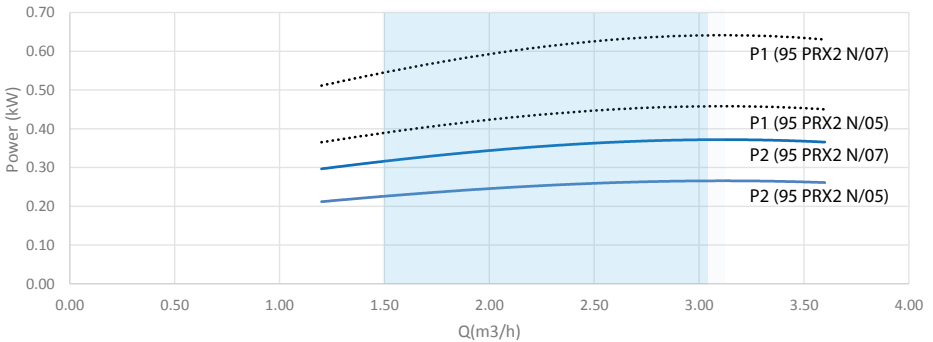
0,8 - 2 m³/h

HYDRAULIC PERFORMANCE

95 PRX2 Q/H/EFF%



95 PRX2 Q/kW



DIMENSIONS AND WEIGHTS

Type	A mm	B mm	C mm	M kg	P kg
95 PRX2 N/05	637	320	317	6	3,3
95 PRX2 N/07	681	364	317	7	

TYPE AND POWER

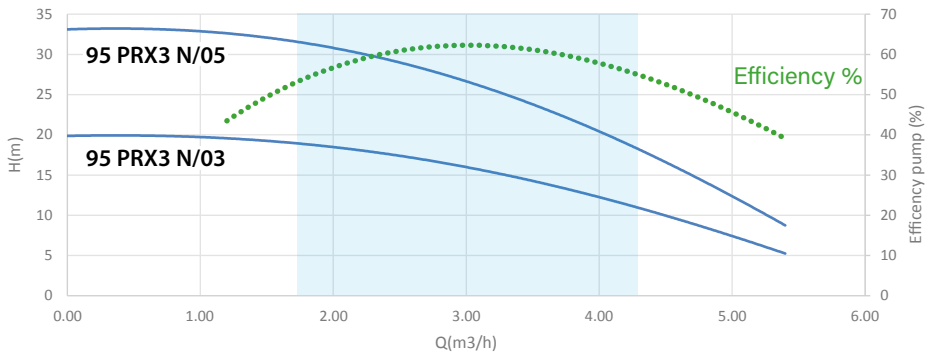
Tipo Type	Power		V 230 single phase		V 400 three phase
	kW	HP	A	μf	A
95 PRX2 N/05	0,25	0,33	2,7	16	0,9
95 PRX2 N/07	0,37	0,5	3,5	16	1,3

RECOMMENDED FLOW RANGE

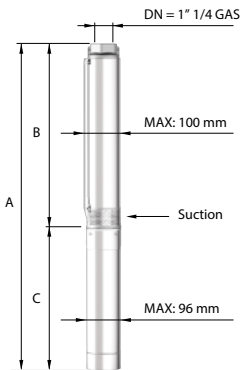
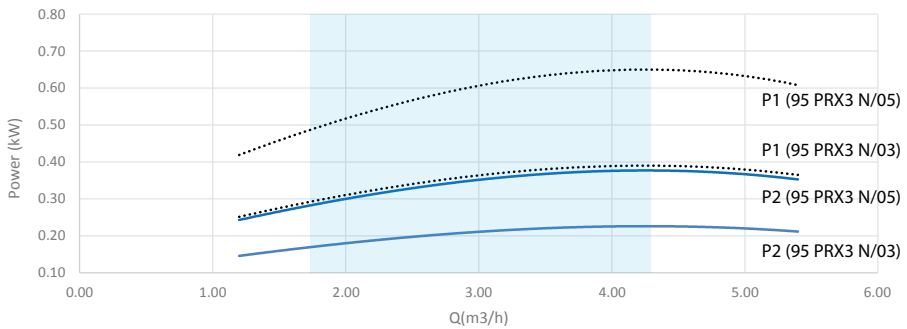
1,5 - 3,2 m³/h

HYDRAULIC PERFORMANCE

95 PRX3 Q/H/EFF%



95 PRX3 Q/kW



DIMENSIONS AND WEIGHTS

Type	A mm	B mm	C mm	M kg	P kg
95 PRX3 N/03	593	276	317	8	2,8
95 PRX3 N/05	637	320	317	10	3,3

TYPE AND POWER

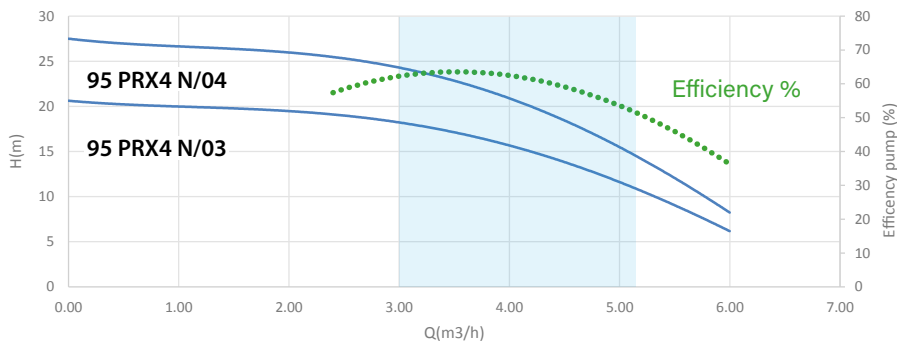
Tipo Type	Power		V 230 single phase		V 400 three phase
	kW	HP	A	µf	A
95 PRX3 N/03	0,25	0,33	2,7	16	0,9
95 PRX3 N/05	0,37	0,5	3,5	16	1,3

RECOMMENDED FLOW RANGE

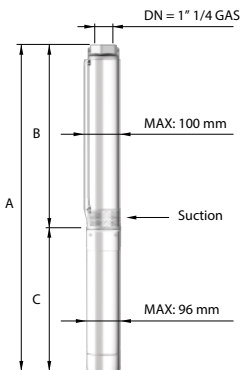
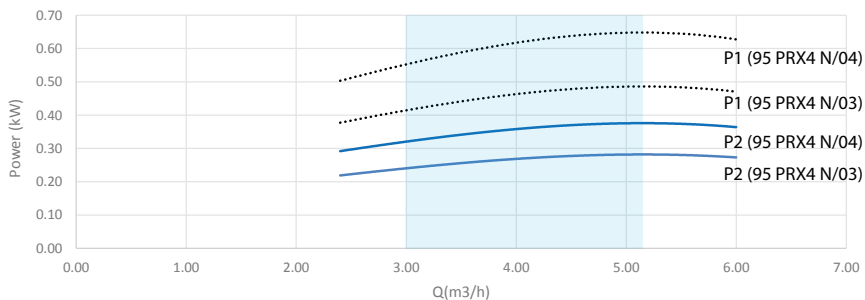
1,8 - 4,3 m³/h

HYDRAULIC PERFORMANCE

95 PRX4 Q/H/EFF%



95 PRX4 Q/kW



DIMENSIONS AND WEIGHTS

Type	A mm	B mm	C mm	M kg	P kg
95 PRX4 N/03	593	276	317	8	3
95 PRX4 N/04	615	298	317	10	3,2

TYPE AND POWER

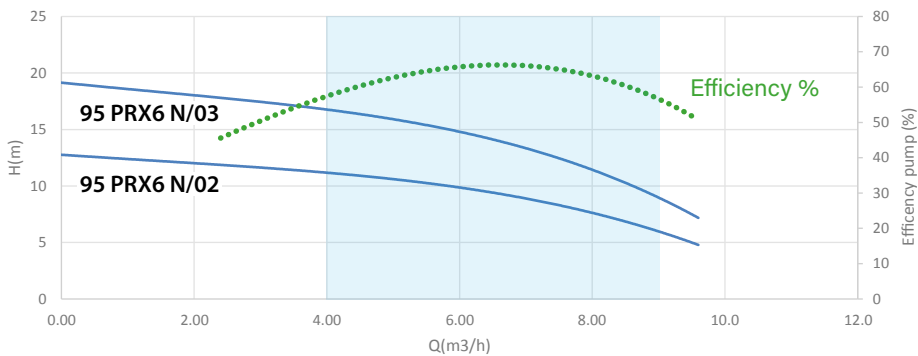
Tipo Type	Power		V 230 single phase		V 400 three phase
	kW	HP	A	µf	A
95 PRX4 N/03	0,25	0,33	2,7	16	0,9
95 PRX4 N/04	0,37	0,5	3,5	16	1,3

RECOMMENDED FLOW RANGE

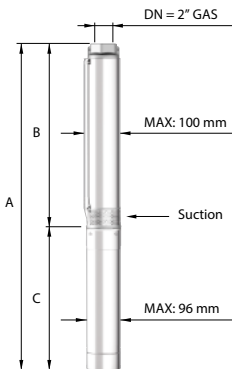
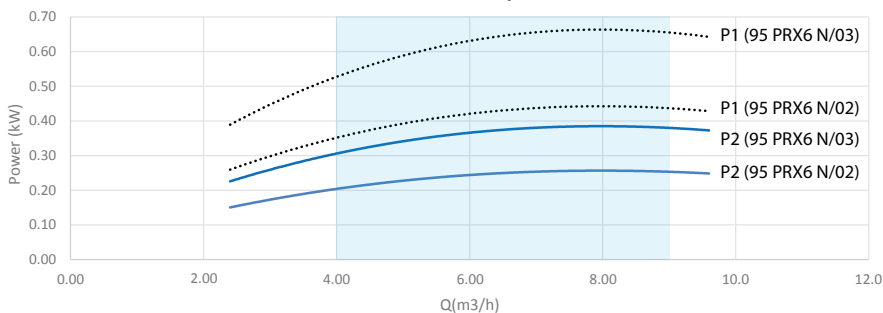
3 - 5,2 m³/h

HYDRAULIC PERFORMANCE

95 PRX6 Q/H/EFF%



95 PRX6 Q/kW



DIMENSIONS AND WEIGHTS

Type	A mm	B mm	C mm	M kg	P kg
95 PRX6 N/02	587	270	317	8	2,7
95 PRX6 N/03	617	300	317	10	3,0

TYPE AND POWER

Tipo Type	Power		V 230 single phase		V 400 three phase
	kW	HP	A	µf	A
95 PRX6 N/02	0,25	0,33	2,7	16	0,9
95 PRX6 N/03	0,37	0,5	3,5	16	1,3

RECOMMENDED FLOW RANGE

4 - 9 m³/h



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