

BE
PUMPING
PARTNERS

KOOLI

KDROO Series

Swimming pool
pump



hydroo®

HYDROO is present in all the European markets by means of a distribution network focused on the service and the valuation of the pumping business. HYDROO conceives, researches, develops, designs, industrializes, and manufactures a wide range of pumping solutions for the most demanding applications in industrial markets, irrigation, water supply and water treatment as well as in residential and commercial buildings. The values of operational excellence, experience, reliability, and passion for a well-done job guide the daily work of the Hydroo team together with our partners and distributors. The global challenges of water management require excellence in pumping technologies and a joint effort between designers, manufacturers, and pumping engineers. To meet the needs of the market in the more demanding installations Hydroo is firmly committed to manufacturing the best pumping equipment by following and sharing our values worldwide.

The Hydroo values are presented in 5 great concepts that we summarize in our motto Hy5, which are our principles and commitments:

BE PUMPING PARTNERS



Magic Fountain of Montjuïc
(Barcelona, Catalonia)

The Magic Fountain of Montjuïc is a monumental fountain located at the foot of Montjuïc hill, built for the 1929 International Exhibition. Famous for its water, light, and music shows, it remains one of the city's most iconic attractions. The fountain continues to amaze visitors with its vibrant choreographies,

blending engineering and art in a unique open-air performance.

Coordinates:
Longitude: 0.8041500
Latitude: 42.5036800



hymotion

Value proposal based on the reliability of products enhancing the quality, the development of efficient supply chains, the productivity with the love of craftsmen at every step of the manufacturing and production processes. We move with the commitment to improve pumping systems, make them more efficient, more reliable, more digitized, more at the service of the human development.



hylite

Contribution to the preservation of the environment and sustainability. We reduce the environmental impact and the footprint of carbon. We contribute to the development of the circular economy. Our team stand out for the highest standards of energy efficiency.



hyficient

The use of the most advanced analytical, developed simulation tools allows us to optimize our R&D teamwork results. We maximize the study of materials, efficient hydraulics, mechanical improvements and the optimization of our motors up to 200 kW. The results are robust, reliable, flexible, adjustable, multipurpose, and user-friendly pumping equipment.



hynovative

Commitment to the implementation of the innovation process a strategic pillar of the company. Transfer new ideas to realities that evolve pumping industry and internalize the process in each job position to offer market improvements.



hyliance

We are the factory of our customers. Without solution of continuity between the value chain starting in the components production plants and ending with amortization of the pumping equipment operating at full performance for years and giving satisfaction to distributors, project engineers and pumping systems managers. We make real our catchphrase **Be Pumping Partners**.

KOOLI

The most suitable option for the filtration and recirculation of water in domestic swimming pools

Structural features

Robust construction, oversized motor, and mechanical seal in CSI/Graphite/FKM for a long service life.

Technical features

Shaft made of AISI 431 stainless steel, hydraulic section in technopolymer.

Mechanical seal with Graphite / Silicon Carbide / FPM / AISI 316 components.

Single-phase motor 220-240 V / 50 Hz with built-in thermal protection, IP55 protection rating, and class F insulation.

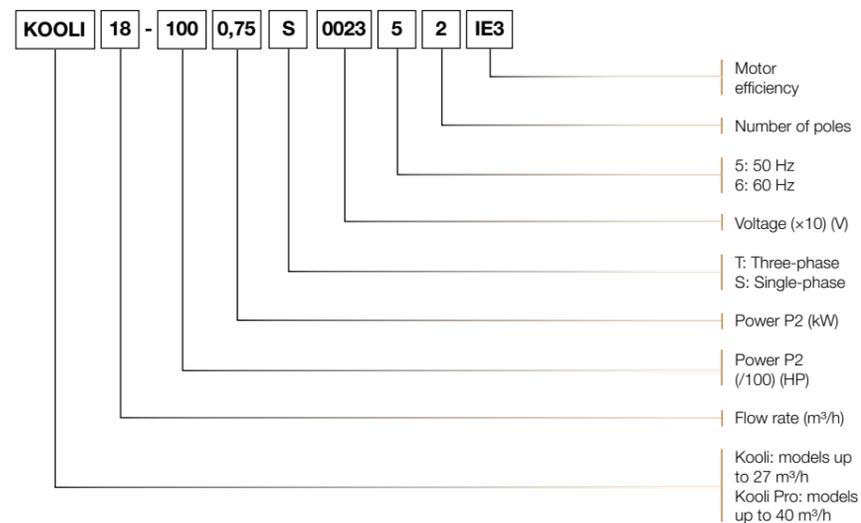
Three-phase motor 220-240 V Δ / 380-415 V Y with up to 2,2 kW of power.

Suction and discharge connection fittings included in 50 mm and 63 mm sizes."

Let me know if you want it adapted for a product catalog or made more visually appealing with bullet points or icons – I'm happy to help shape it further.



Definition of model



Applications

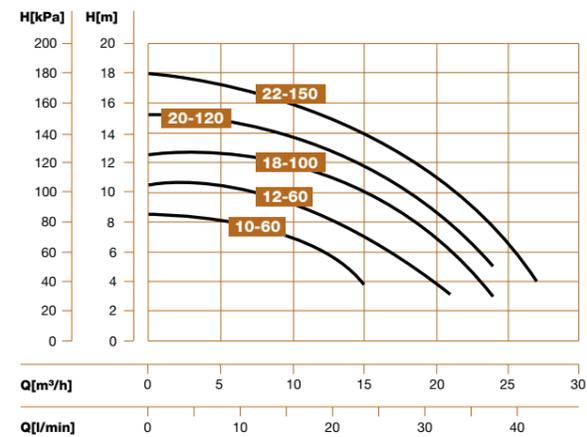
- High hydraulic performance and self-priming
- Silent, vibration-free motor
- High-efficiency pre-filter basket
- High reliability in the most demanding installations

Performance table

Model	I (A)			P2		c	l/min	Q [m³/h]												
	1~230V	3~230V	3~400V	kW	HP			0	3	6	9	12	15	18	21	24	27			
KOOLI 10-50	2,6	1	1,7	0,37	0,5	12	mca	8,5	8,5	8	7,2	6	3,8							
KOOLI 12-60	3,6	1,4	2,4	0,55	0,75	16		10,5	10,3	10	9,7	8,7	7	5	3,1					
KOOLI 18-100	4,9	3,1	1,8	0,75	1	16		12,5	12,5	12,3	12	11,5	10,4	8,2	5,8	3				
KOOLI 20-120	5,6	3,6	2,1	0,9	1,2	16		15,2	15	14,5	14	13,3	12	10	7,5	5				
KOOLI 22-150	6,6	4,4	2,5	1,1	1,5	25		18	17,5	16,7	16	15,3	14	12,5	10	7,5	5			

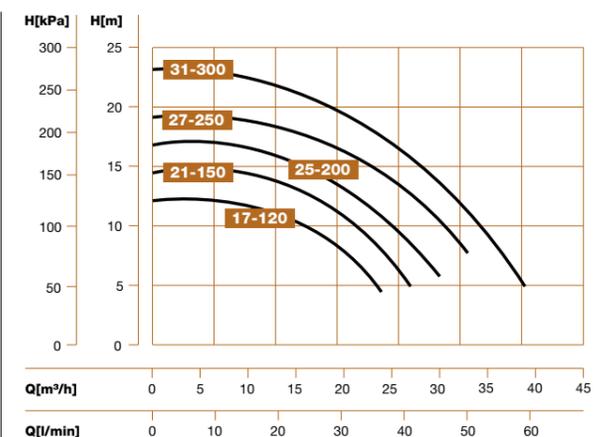
Model	I (A)			P2		c	l/min	Q [m³/h]													
	1~230V	3~230V	3~400V	kW	HP			0	3	6	9	12	15	18	21	24	27	30	33	36	39
KOOLI PRO 17-120	5,6	3,6	2,1	0,9	1,2	16	mca	12,2	12,1	12	11,9	11,5	10,5	9	7,3	4,5					
KOOLI PRO 21-150	6,9	4,4	2,5	1,1	1,5	25		14,5	14,5	14,4	14,4	14,2	13,4	11,8	10	7,9	5				
KOOLI PRO 25-200	8,7	5,9	3,3	1,5	2	30		16,8	16,8	16,7	16,2	15,5	14,4	12,5	10,3	8,2	5,8				
KOOLI PRO 27-250	10,6	6,9	4	1,8	2,5	60		19,2	19,2	19,1	18,8	18,6	18	17,4	16,3	14,5	12,3	10	7,8		
KOOLI PRO 31-300	12,3	8,2	4,7	2,2	3	60		23,2	23,2	23,1	22,8	22,4	21,4	20	18,6	17	15,2	12,9	10,8	8	5

KOOLI



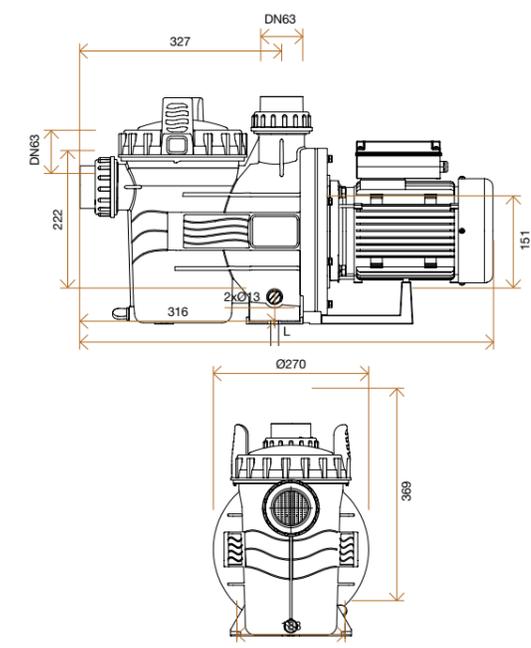
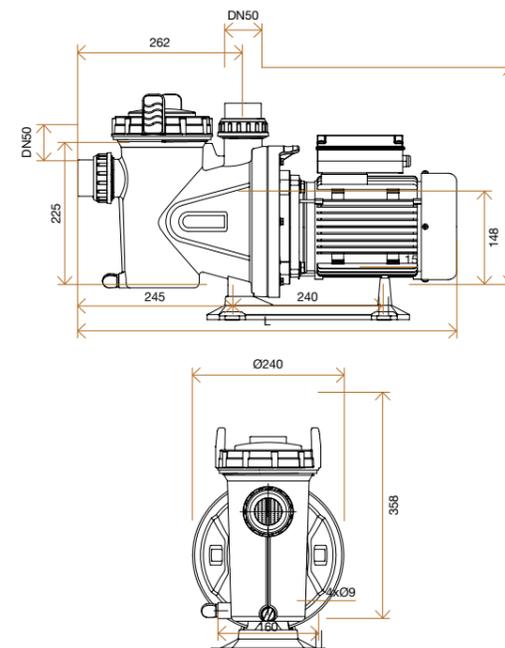
KOOLI PRO

2950 rpm 50 Hz. ISO9906:2012 Grade 3B.



Model	L	Packaging	Weight
	mm		
KOOLI 10-50	280	580 x 260 x 390	11
KOOLI 12-60	300	580 x 260 x 390	12
KOOLI 18-100	330	660x 260 x 410	14
KOOLI 20-120	370	660x 260 x 410	16
KOOLI 22-150	370	660x 260 x 410	17

Model	L	Packaging	Weight
	mm		
KOOLI PRO 17-120	675	760 x 350 x 440	19
KOOLI PRO 21-150	675	760 x 350 x 440	21
KOOLI PRO 25-200	705	760 x 350 x 440	23
KOOLI PRO 27-250	705	760 x 350 x 440	24
KOOLI PRO 31-300	705	760 x 350 x 440	26





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subject to amendments

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HYDROO **Pump Industries SL**

Carrer La Banyeta Nova, 11
Poligon Industrial La Banyeta
17843 Palol de Revardit
Catalonia. Spain

Tel. +34 972 394 654
E-mail: info@hydroo.com

www.hydroo.com



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