

K-SERIES

4" SUBMERSIBLE PUMP

New!



The K-SERIES submersible pumps consist on a multistage pumping unit directly connected to a submersible motor. Equipped with 30 m electric cable, 30 m nylon cord and control box. Especially suitable for pumping from deep 4" Ø wells.

- **HIGH RESISTANCE TO WEAR**
- **EXCLUSIVE DRY RUN FEATURES**

Applications

- Water systems for residential, commercial and agricultural use
- Pumping systems
- Irrigation

Usage limitations

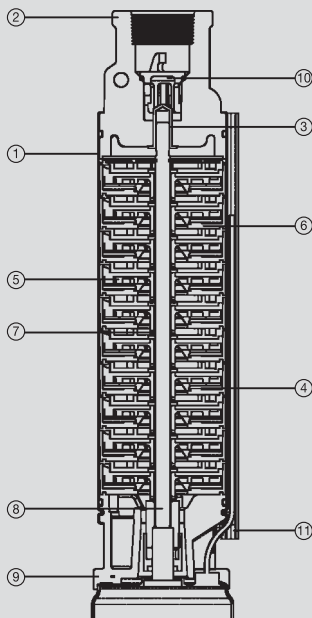
- Type of liquid: clean non-aggressive, non-explosive, free of solids
- Maximum environmental temp.: 30° C
- Max start-up per hour: 30

Motor

- 4" submersible motor
- Filled with special food grade lubricant
- Motor casing, shaft and bottom end made in stainless steel
- High resistance cast iron nickel plated upper bracket
- Axial and radial thrust ball bearing
- Standard mechanical Seal graphite\ceramic
- Special Cooling fluid for a better lubricant effect to increase life of moving parts. The liquid with its high thermal capacity gives the motor superior overload capabilities
- Oversize compensation diaphragm and sand slinger protection
- Nema standard coupling dimensions

Control box

- IP55 plastic box
- Main switch with circuit breaker
- Motor protector with restart button
- Capacitor

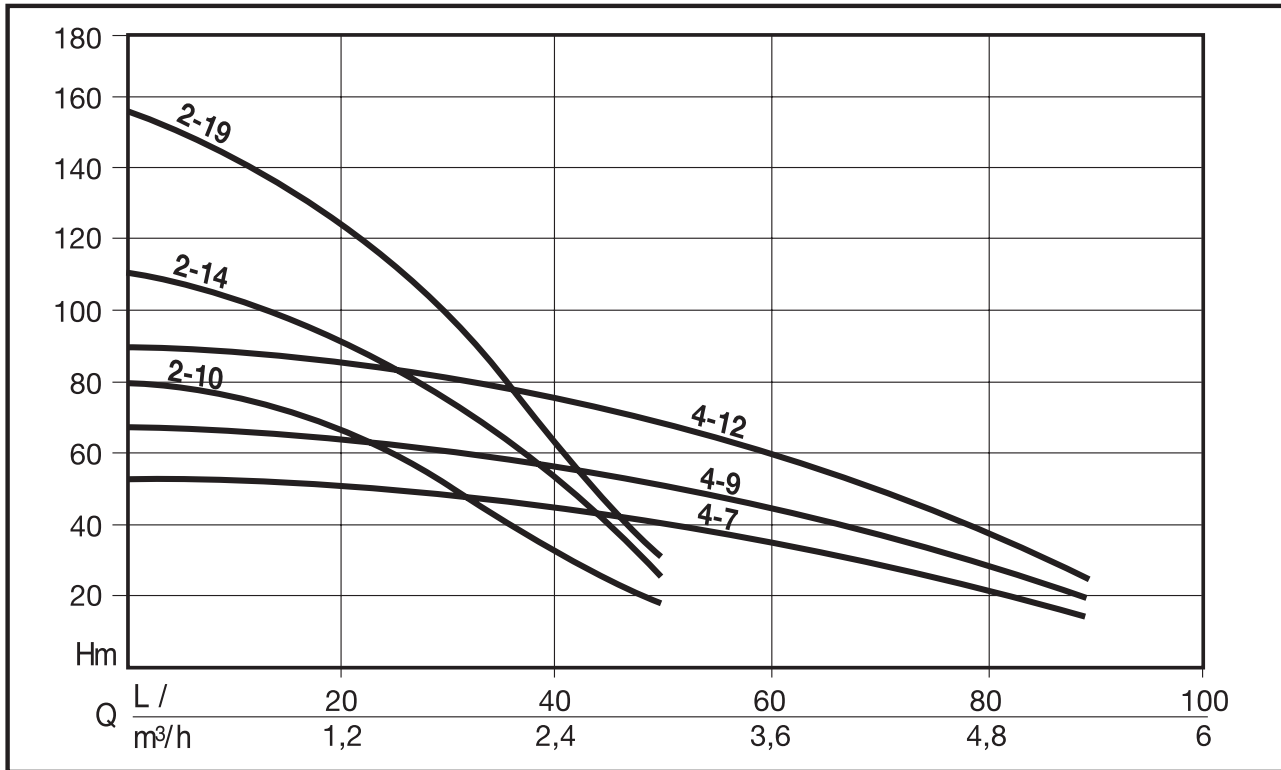


DESIGN FEATURES

Component	Material
1 Pump casing	Stainless steel 300 grade
2 Discharge	Fiberglass-reinforced thermoplastic
3 Discharge bearing	Nylatron®
4 Diffusers	Polycarbonate
5 Bowls	Polycarbonate with stainless steel wear ring
6 Thrust pads	Proprietary spec.
7 Shaft and coupling	Stainless steel 300 grade
8 Motor bracket	Fiberglass-reinforced thermoplastique
9 Check valve	Durable internal check valve
10 Cable guard	Rigid PVC

Nylatron® is a registered trademark of Polymer Corp.

TABLE OF HYDRAULIC PERFORMANCE

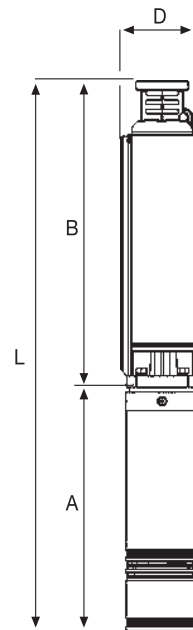


PUMP PERFORMANCE

CODE	MODEL	N° stages	MOTOR REQUIRED			Q L/1' m³/h	0	10	20	30	40	60	80
			Ø	HP	kW		0	0,6	1,2	1,8	2,4	3,6	4,8
N3186210	K-SERIES 2-10	10	4"	0,75	0,55	Discharge head in meters	83	76	65	50	31		
N3186220	K-SERIES 2-14	14	4"	1	0,75		112	104	91	75	52		
N3186230	K-SERIES 2-19	19	4"	1,5	1,1		158	144	125	99	63		
N3186240	K-SERIES 4-7	7	4"	0,75	0,55		54	52	50	48	45	35	22
N3186250	K-SERIES 4-9	9	4"	1	0,75		68	66	63	60	56	44	28
N3186260	K-SERIES 4-12	12	4"	1,5	1,1		91	88	85	80	75	59	37

TABLE OF SIZES AND WEIGHTS

Model	Dimensions mm.				Weight kg
	A	B	L	D Ø	
K-SERIES 2-10	325	400	725	95	20,1
K-SERIES 2-14	350	488	838	95	22
K-SERIES 2-19	385	600	985	95	26,3
K-SERIES 4-7	325	375	700	95	19,1
K-SERIES 4-9	350	432	782	95	21,1
K-SERIES 4-12	385	518	903	95	23,5



K-SERIES

4" SUBMERSIBLE PUMP END

New!



The K-Series pump ends are designed with a corrosive resistant stainless steel wear surface that greatly reduces problems with abrasives and sand lock-up. Particularly suitable for pumping from 4" wells. Floating impeller staging system.

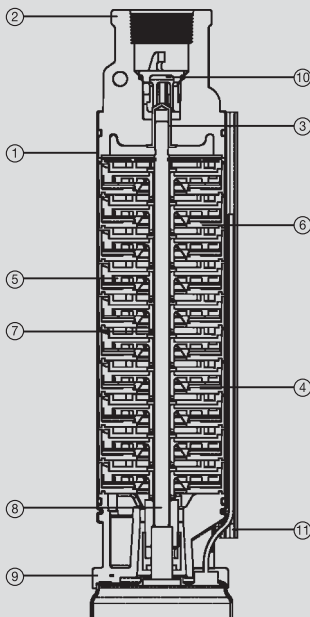
- **HIGH RESISTANCE TO WEAR**
- **EXCLUSIVE DRY RUN FEATURE**

Applications

- Water systems for residential, commercial and agricultural use
- Pumping systems
- Irrigation

Usage limitations

- Motor bracket suitable for 4" NEMA flange
- Type of liquid: clean, non-aggressive, non-explosive, free of solids
- Max liquid temperature: 30° C

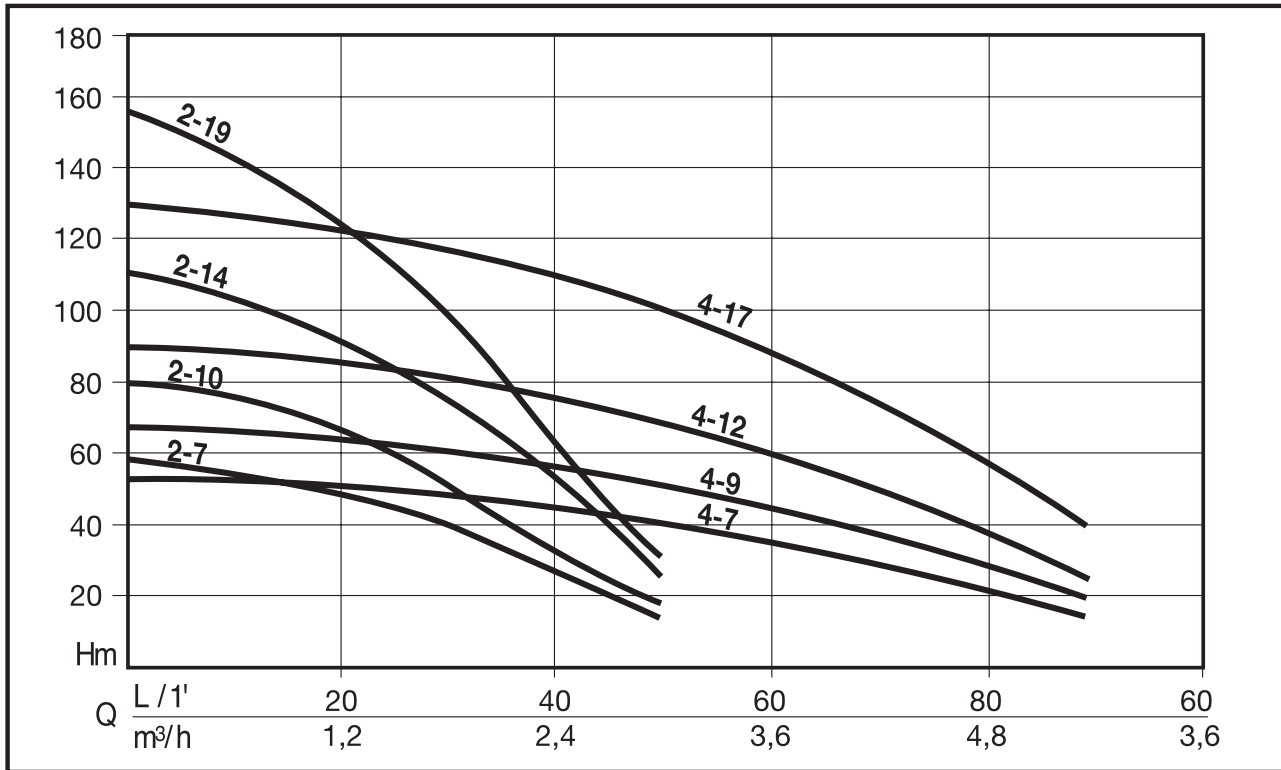


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8 Motor bracket	Fiberglass-reinforced thermoplastic
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PUMP PERFORMANCE

CODE	MODEL	N° stages	MOTOR REQUIRED				Q	Discharge head in meters									
			V	Ø	HP	kW		L/1'	0	10	20	30	40	60	80		
							m³/h	0	0,6	1,2	1,8	2,4	3,6	4,8			
N1059110	K-SERIES 2-7	7	1x230	4"	0,5	0,37	Discharge head in meters	58	54	48	39	26					
N1059120	K-SERIES 2-10	10	1x230	4"	0,75	0,55		83	76	65	50	31					
N1059130	K-SERIES 2-14	14	1x230	4"	1	0,75		112	104	91	75	52					
N1059140	K-SERIES 2-19	19	1x230	4"	1,5	1,1		158	144	125	99	63					
N1059150	K-SERIES 4-7	7	1x230	4"	0,75	0,55		54	52	50	48	45	35	22			
N1059160	K-SERIES 4-9	9	1x230	4"	1	0,75		68	66	63	60	56	44	28			
N1059170	K-SERIES 4-12	12	1x230	4"	1,5	1,1		91	88	85	80	75	59	37			
N1059180	K-SERIES 4-17	17	1x230	4"	2	1,5		130	127	121	117	110	89	56			

TABLE OF SIZES AND WEIGHTS

Model	Dimensions mm.		Weight kg
	L	D	
K-SERIES 2-7	597	98,4	12,3
K-SERIES 2-10	686	98,4	15,4
K-SERIES 2-14	864	98,4	18,6
K-SERIES 2-19	959	98,4	24,9
K-SERIES 4-7	667	98,4	15,4
K-SERIES 4-9	806	98,4	17,7
K-SERIES 4-12	902	98,4	21,1
K-SERIES 4-17	1029	98,4	26,8

