

SDK



SDK series **centrifugal pump**

cast iron

Motor housing: aluminum

Shaft: 45# steel /stainless steel

Applications and Installation

The SDK series pumps are recommended for pumping clean water and chemically non-aggressive liquid. They have compact size and are extremely reliable, very simple to use, efficient and almost maintenance-free. They are suitable for boosting pressure water supplying for household, irrigation, general industrial applications, etc.

Pumps should be installed in a covered area, protected against the weather.

Construction Features

Pump Body: cast iron

Motor Housing: aluminum

Shaft: 45# steel/stainless steel

Impeller: brass

Motor: closed, externally ventilated

Insulation Class: B/F

Protection Class: IP44/IP54

Duty: continuously rated

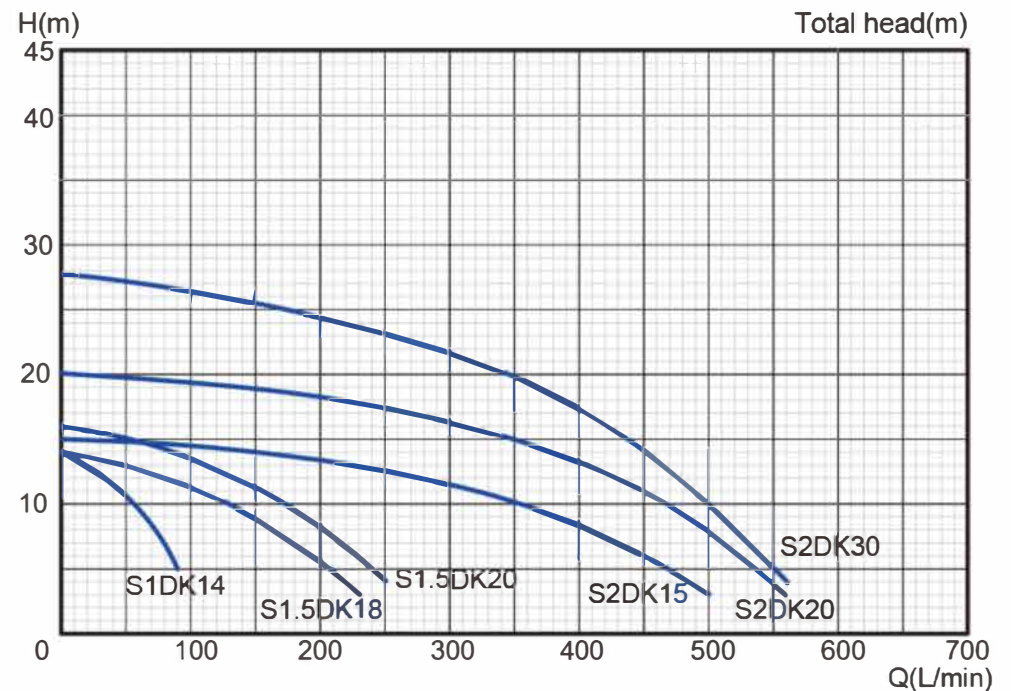
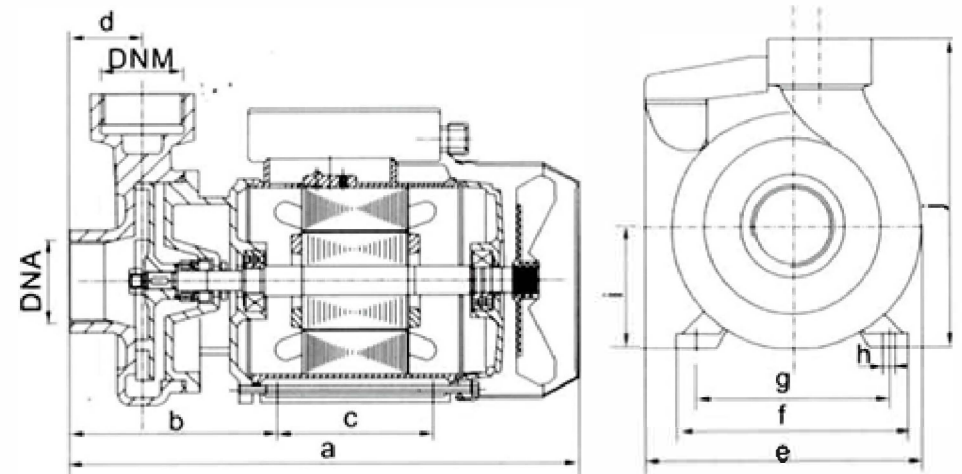
Mechanical Seal: ceramic steatite/ metalized carbon

Operating Limitations

Operating limitations: Max ambient temperature up to 40°C

Max fluid temperature up to 80°C

Max pressure up to 10 bar



SDK

Model	HP	kW	DNA/DNM	Suct.Max m	Q.Max L/min	H.Max m	Q. L/min	0	30	65	100	180	210	300	480	520	560	Weight Kg
S1DK-14	0.5	0.37	1" / 1"	9	65	14	H(m)	14	8	4								7.5
S1.5DK-18	0.75	0.55	1½" / 1½"	9	180	14		14	13	12	11	6						11.8
S1.5DK-20	1	0.75	1½" / 1½"	9	210	16		16	15.5	15	14	10	4					13
S2DK15	1.5	1.1	2" / 2"	9	480	15		15	14.5	14	13.5	12.5	12.5	11	4			18
S2DK20	2	1.5	2" / 2"	9	520	20		20	18	17.5	17.5	17	17	15	12	4		19.55
S2DK30	3	2.2	2" / 2"	9	560	28		28	27	26.5	26	25	24	22	12	6	4	24

Overall and mounting dimension

Model	Dimensions (mm)												Package Dimension		
	DNA	DNM	a	b	c	d	e	f	h	j	g	i	A	B	H
S1DK-14	1"	1"	276	121	80	43	127	119	100	9	63	171	290	150	195
S1.5DK-18	1½"	1½"	296	121	90	43	153	136	112	9	71	182	325	195	240
S1.5DK-20	1½"	1½"	296	121	90	43	153	136	112	9	71	182	320	195	240
S2DK15	2"	2"	360	167	95	72	220	153	125	12	92	218	400	240	250
S2DK20	2"	2"	360	167	95	72	220	153	125	12	92	218	400	240	250
S2DK30	2"	2"	360	167	95	72	220	153	125	12	92	218	405	240	315

