

Domestic Surface Pumps

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TIANJIN ELECMOTOR CO.,LTD.

Stream[®]
Sign of Quality



Stream®

Stream Six

“S”
Satisfactory

“T”
Trustful

“R”
Responsible

“e”
Effective

“a”
Advanced

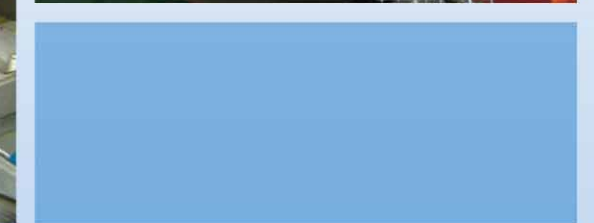
“m”
Motivated

Our Guide

We are honest
We are hardworking and have fun
We are cooperative—together
We pay more attention to details
We want simple solutions
We do not take everything for granted
We always keep our promises
We never stop learning
We want to be the best

Stream

pumps trust to the world





Gardening



Irrigation



Sprinkler



Fire Fighting



Washing



High Lift



Fish Tank



Quiet



Circulation



Construction



Shallow Well



Fish Farm



Sea Water



Chemicals



Home Swimming Pool



Environment

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SCMI

The SCMI pump is a multi purpose pump for both industry and water boosting in general.

It is compact, noiseless, reliable and flexible, and these make it an optimal solution for installation and interaction with other components in small and large systems or as a stand-alone pump.

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

Application

- Pressure Boosting
- Washing and Cleaning
- Water Treatment
- Chemical and Pharmaceutical Industries
- Heating and cooling system

Construction Features

- Impeller: Stainless steel
- Middle Section: Stainless steel
- Insulation Class: F
- Protection Class: IP55
- Thermal Protector: Single phase

Operating Limitations

- Min liquid temperature: -20°C
- Max liquid temperature: +104°C
- Environmental temperature: ≤50°C
- Max working pressure: 1.0MPa



SJET100B

Self Priming Jet Electropump



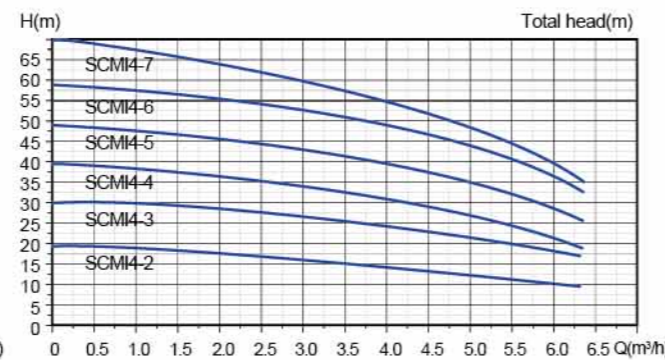
SCP100

Centrifugal Electropump

New Outlook

SDB60

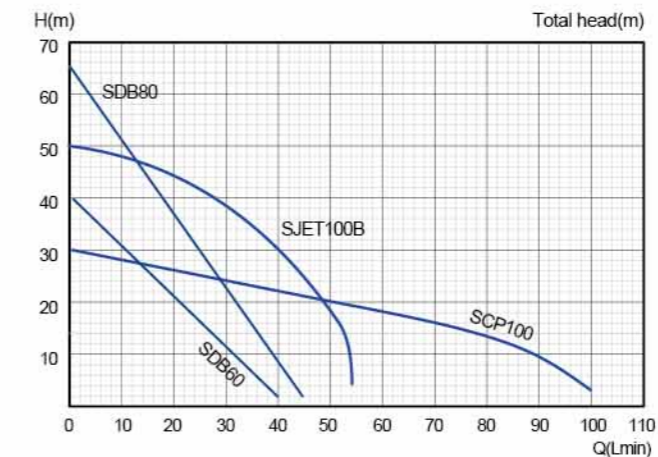
Peripheral Electropump



SCMI

Model	Power		Q _{Max} m³/h	H _{Max} m	Q ₀ m³/h	Q (m³/h)											
	HP	KW				0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0			
SCMI2-2	0.33	0.25	4.0	19.5	19.5	19	18.5	18	17	16.5	14.5	13.5	12				
SCMI2-3	0.5	0.37	4.0	27	27	26	25	24	23	22	20	17	15				
SCMI2-4	0.75	0.55	4.0	36	36	35	34	32	31	29	27	23	20				
SCMI2-5	0.75	0.55	4.0	44	44	43	42	40	38	36	33	28.5	24				
SCMI2-6	1.0	0.75	4.0	53	53	51.5	49	47	44	41	37	32	27				
SCMI2-7	1.3	1.0	4.0	63	63	61	59	56	54	51	47	41	35				

Model	Power		Q _{Max} m³/h	H _{Max} m	Q ₀ m³/h	Q (m³/h)											
	HP	KW				1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	
SCMI4-2	0.5	0.37	6.0	18.5	18.5	18	17.5	17	16	15.5	15	13.5	13	11	10		
SCMI4-3	0.75	0.55	6.0	29	29	28.5	28	27	26.5	25.5	25	23	22	20	18		
SCMI4-4	1.0	0.75	6.0	38	38	37	36	34	33.5	32	30	28	27	24	20		
SCMI4-5	1.3	1.0	6.0	47	47	46	45	44	42.5	41	40	36	35	32	27		
SCMI4-6	1.7	1.3	6.0	56.5	56.5	55	54	53	52.5	51	49	45	44	42	36		
SCMI4-7	2.0	1.5	6.0	67	67	65	64	61	59	57	55	51	49	44	38		



Construction features

- Pump Body: cast iron
- Motor Housing: aluminum
- Shaft: 45# steel
- Impeller: brass
- Motor: closed, externally ventilated
- Insulation Class: B
- Protection Class: IP44
- Duty: continuously rated
- Mechanical Seal: Graphite/ceramic

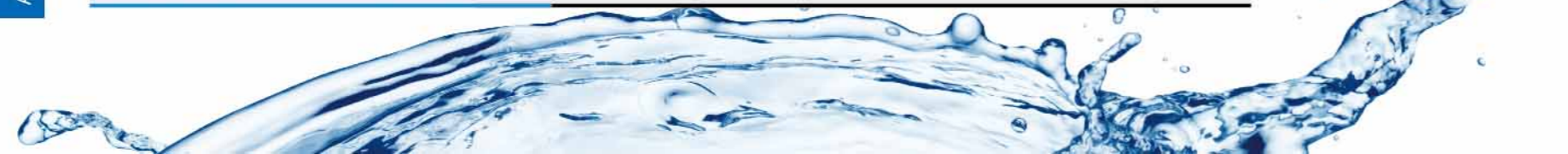
Model	Power		Max.Q L/min	Max.H m	Q ₀ L/min	Q (L/min)												DNA	DNM	kg	H _L W H		
	HP	KW				0	10	15	20	25	30	42	52	1"	1"	L	W				H		
SJET100B	1	0.75	52	52	H	52	43	40	37	34	32	27	5	1"	1"	16	440	220	240				

Model	Power		Max.Q L/min	Max.H m	Q ₀ L/min	Q (L/min)												DNA	DNM	kg	H _L W H		
	HP	KW				0	10	20	30	50	75	90	100	1"	1"	L	W				H		
SCP100	1	0.75	100	28	H	28	26	24	23	19	14	9.5	4	1"	1"	14	325	215	260				

Model	Power		Max.Q L/min	Max.H m	Q ₀ L/min	Q (L/min)												DNA	DNM	kg	H _L W H		
	HP	KW				0	10	15	20	25	30	40	46	1"	1"	L	W				H		
SDB60	0.5	0.37	40	40	H	40	35	25	18	14	8	2		1"	1"	6.0	280	165	185				
SDB80	1	0.75	46	65	H	65	55	48	38	29	23	9	2	1"	1"	10.5	315	185	220				

Peripheral Pumps
Centrifugal Pumps
Self-priming Jet Pumps
Auto-boosting Pumps

Peripheral Pumps
Centrifugal Pumps
Self-priming Jet Pumps
Auto-boosting Pumps



Peripheral Pumps



Gardening



Irrigation



Sprinkler

Operating limitations

Max ambient temperature up to 40°C

Max fluid temperature up to 80°C

Max pressure up to 10 bar



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

These series peripheral pumps, with peripheral impeller contains numerous radial blades in its edge. The particular shape of the blades rapidly transfers radial re-circulation motion to the fluid on entry to the pump between the impeller blades and the double channel machined on each side of the pump body.

Since numerous blades help transfer energy, the fluid pressure increases progressively and gains high pressure relatively and its curves are steep particularly. They have various appearances and motor shells to fit different operating requirements. They are reliable, economical and simple to use.



SQB series peripheral pump

Applications and installation

The SQB series are peripheral pumps, with peripheral impeller containing numerous radial blades in its edge, suitable for pumping clean water and chemically non-aggressive liquid. They have relatively simple construction and are very economical, reliable and safe. They are widely used for household and domestic applications such as water supply from wells and pools, pressure boosting, garden sprinkling, washing booths etc.

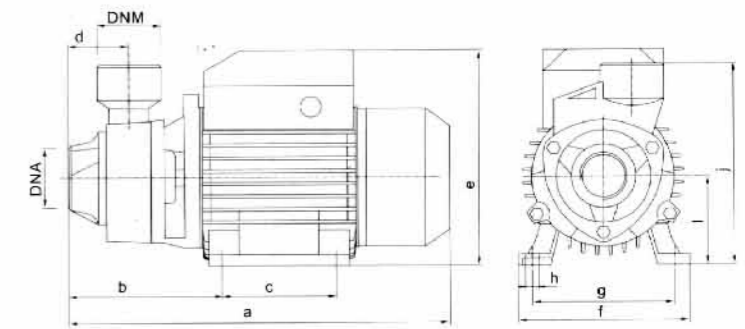
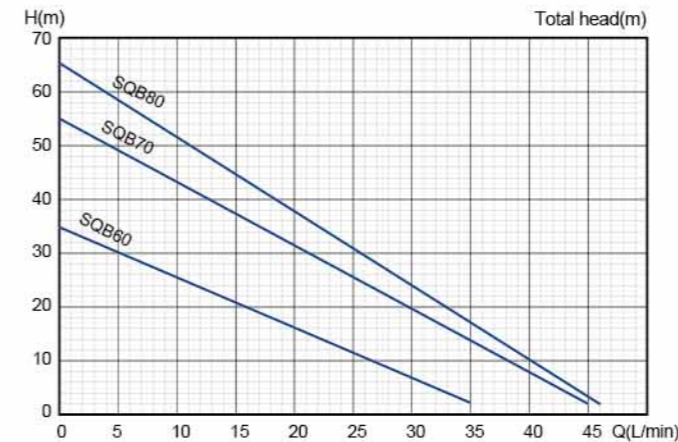
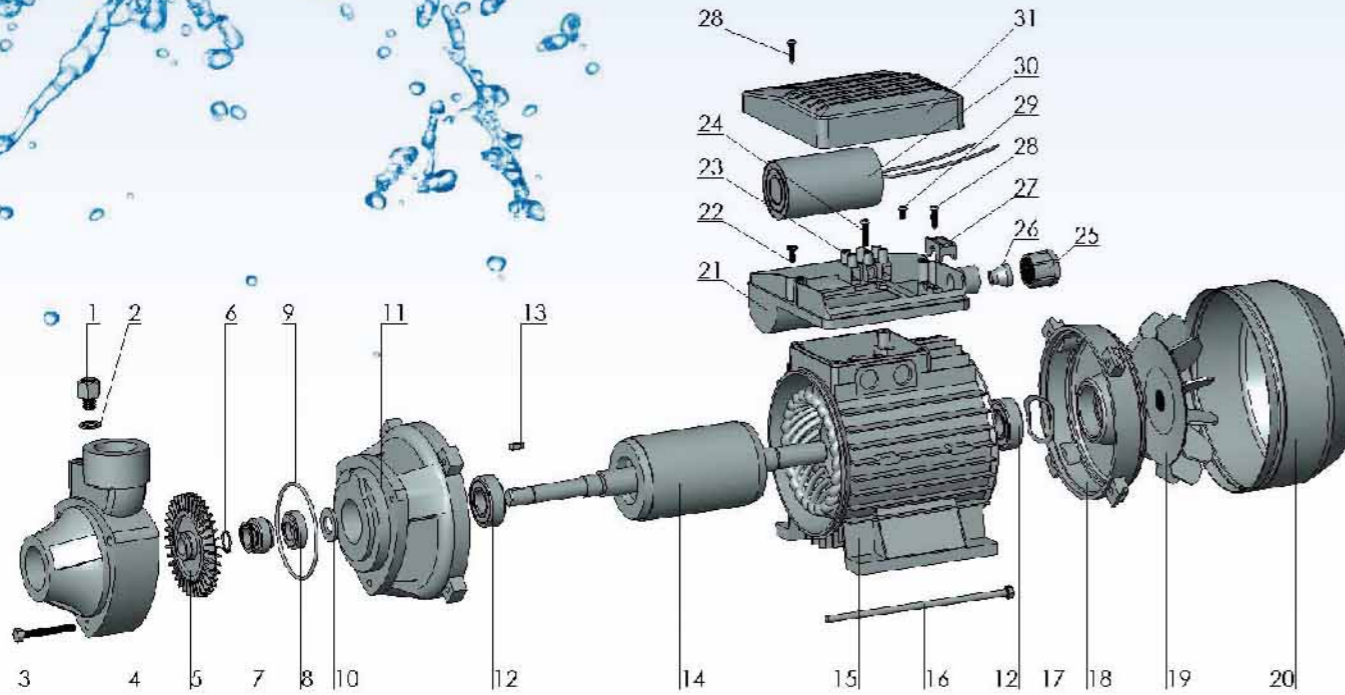
Pumps should be installed in a covered area, protected against the weather.

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

Max ambient temperature up to 40°C
 Max fluid temperature up to 80°C
 Max pressure up to 10 bar



Material Data

NO.	Description	NO.	Description	NO.	Description
1	Plug	12	Bearing	23	Terminal block
2	Gasket	13	Key	24	Screw
3	Screw	14	Rotor	25	Terminal box nut
4	Pump body	15	Motor housing with stator	26	Fairlead
5	Impeller	16	Tie-rod	27	Cable holder
6	Snap ring	17	Wave-form washer	28	Screw
7	Rolling mechanical seal	18	End cover	29	Screw
8	Fixed mechanical seal	19	Fan	30	Capacitor
9	O-Ring	20	Fan cover	31	Terminal box cover
10	Drop guard	21	Terminal box place		
11	Front cover	22	Screw		

SQB

Model	HP	KW	DNA/DNM	Suct. Max m	Q. Max L/min	H. Max m	Q. L/min	0	10	15	20	25	30	35	40	45	46	Weight Kg
SQB60	0.5	0.37	1"/1"	9	35	35	H(m)	35	25	18	14	8	5	2				5.5
SQB70	0.75	0.55	1"/1"	9	45	55		55	48	40	37	28	22	16	8	2		9
SQB80	1	0.75	1"/1"	9	46	65		65	55	48	38	29	23	16	9	4	2	10.5

Overall and mounting dimension

Model	Dimensions (mm)											Package Dimension			
	DNA	DNM	a	b	c	d	e	f	g	h	i	j	A	B	H
SQB60	1"	1"	265	110	80	45	151	118	97	11	63	138	275	145	185
SQB70	1"	1"	305	122	90	50	157	134	112	11	71	150	310	185	200
SQB80	1"	1"	305	122	90	50	157	134	112	11	71	150	310	185	200

SKF series peripheral pump

Applications and installation

The SKF series are peripheral pumps, with peripheral impeller containing numerous radial blades in its edge, suitable for pumping clean water and chemically non-aggressive liquid. They have relatively simple construction and are very economical, reliable and safe. They are widely used for household and domestic applications such as water supply from wells and pools, pressure boosting, garden sprinkling, washing booths etc.

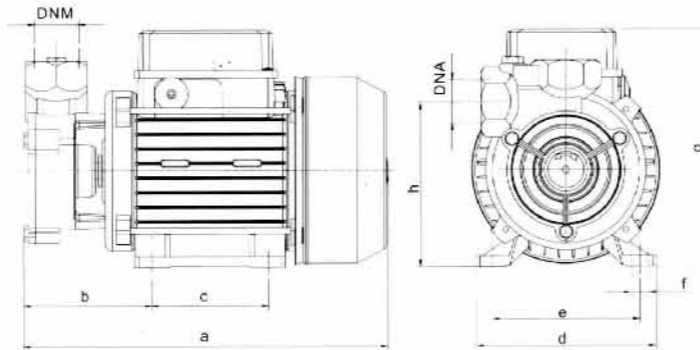
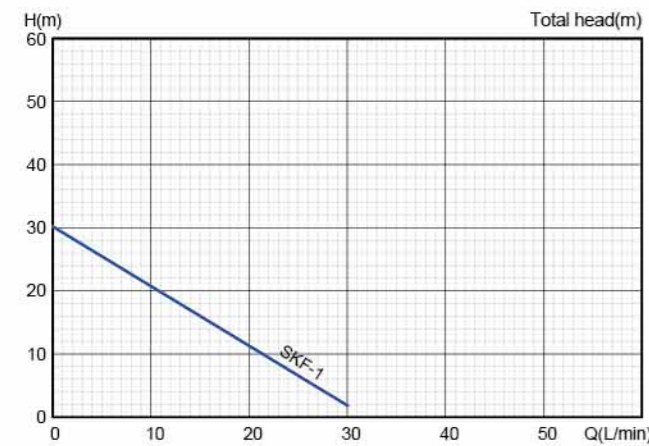
Pumps should be installed in a covered area, protected against the weather.

Construction features

- Pump Body: cast iron
- Front cover: brass
- 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

- Max ambient temperature up to 40°C
- Max fluid temperature up to 80 °C
- Max pressure up to 10 bar



SKF

Model	HP	kW	DNA/DNM	Suct.Max m	Q.Max L/min	H.Max m	Q. L/min	0	10	15	20	25	30	Weight Kg
SKF-1	0.5	0.37	1"/1"	9	32	30	H(m)	30	20	13	10	4	2	6

Overall and mounting dimension

Model	Dimensions (mm)											Package Dimension		
	DNA	DNM	a	b	c	d	e	f	g	h	A	B	H	
SKF-1	1"	1"	250	105	80	120	100	11	170	123.5	260	140	195	H

SDB series peripheral pump

Applications and installation

These pumps with peripheral impeller are able to offer high pressure in relation to comparatively low powers and which have particularly steady operating curves. For the correct functioning of the pump, pump clean water, or non-aggressive liquids only, without sand or other solid impurities.

They are qualified in domestic fitting, to increase the system pressure in aqueducts and for automatic water distribution by autoclave tanks and by hydrosphere units.

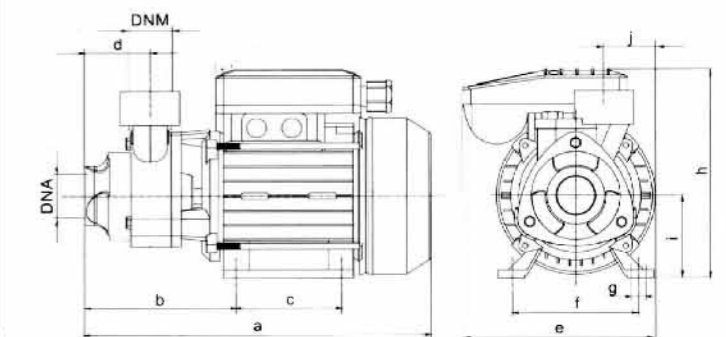
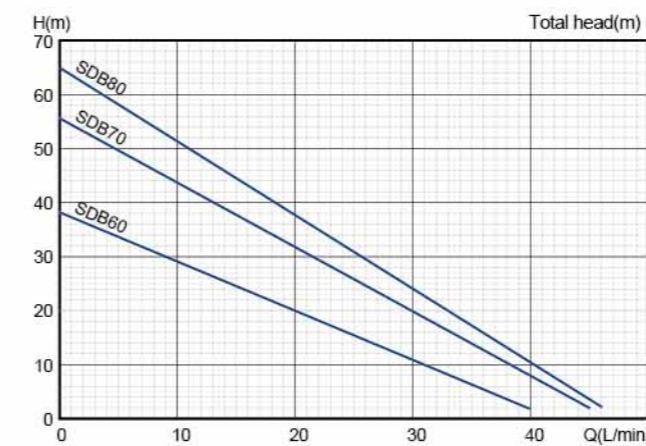
Pumps should be installed in a covered area, protected against the weather.

Construction features

- Pump body: cast iron
- Motor housing: Aluminum
- Shaft: 45#steel/stainless steel
- Impeller: brass
- Motor: closed, externally ventilated
- Insulation: B/F
- Protection class: IP44/54
- Duty: continuous rated
- Mechanical seal: ceramic steatite/metalized carbon

Operating limitations

- Max ambient temperature up to 40°C
- Max fluid temperature up to 80°C
- Max pressure up to 10bar



SDB

Model	HP	kW	DNA/DNM	Suct.Max m	Q.Max L/min	H.Max m	Q. L/min	0	10	15	20	25	30	35	40	45	46	Weight Kg
SDB60	0.5	0.37	1"/1"	9	40	38	H(m)	38	35	25	18	14	8	5	2			5.8
SDB70	0.75	0.55	1"/1"	9	45	55	H(m)	55	48	40	37	28	22	16	8	2		9.2
SDB80	1	0.75	1"/1"	9	46	65	H(m)	65	55	48	38	29	23	16	9	4	2	10.5

Overall and mounting dimension

Model	Dimensions (mm)												Package Dimension		
	DNA	DNM	a	b	c	d	e	f	g	h	i	j	A	B	H
SDB60	1"	1"	305	120	90	55	146	100	11	160	71	40	280	165	185
SDB70	1"	1"	305	120	90	55	146	100	11	160	71	40	315	185	220
SDB80	1"	1"	305	120	90	55	146	100	11	160	71	40	315	185	220

Peripheral Pumps
Centrifugal Pumps
Self-priming Jet Pumps
Auto-boosting Pumps

Peripheral Pumps
Centrifugal Pumps
Self-priming Jet Pumps
Auto-boosting Pumps

SP series peripheral pump

Applications and installation

These pumps with peripheral impeller are able to offer high pressure in relation to comparatively low powers and which have particularly steady operating curves. For the correct functioning of the pump, pump clean water, or non-aggressive liquids only, without sand or other solid impurities.

They are qualified in domestic fitting, to increase the system pressure in aqueducts and for automatic water distribution by autoclave tanks and by hydrosphere units.

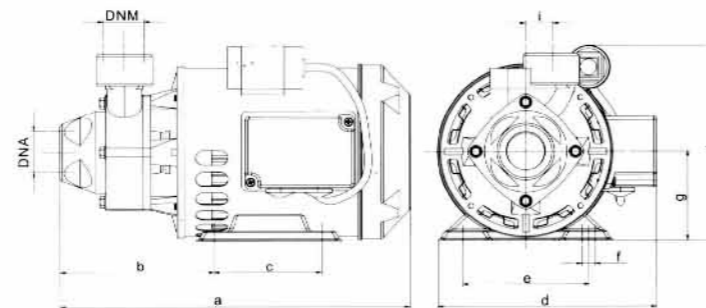
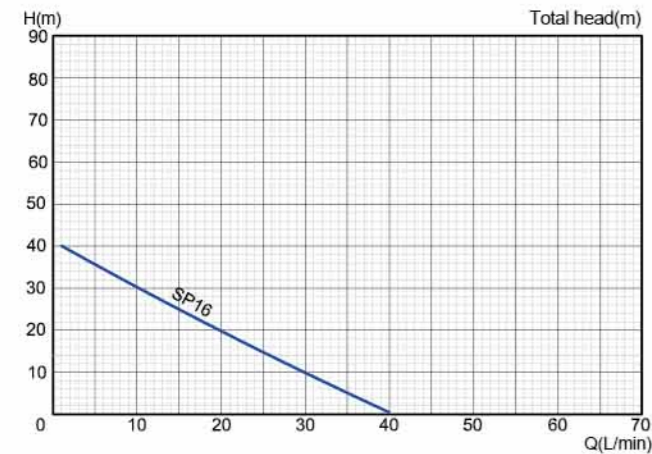
Pumps should be installed in a covered area, protected against the weather.

Construction features

- Pump body: cast iron
- Motor housing: Aluminum
- Shaft: 45#steel/stainless steel
- Impeller: brass
- Motor: closed, externally ventilated
- Insulation: B/F
- Protection class: IP44/54
- Duty: continuous rated
- Mechanical seal: ceramic steatite/metalized carbon

Operating limitations

- Max ambient temperature up to 40°C
- Max fluid temperature up to 80°C
- Max pressure up to 10bar



SP

Model	HP	KW	DNA/DNM	Suct. Max m	Q. Max L/min	H. Max m	Q. L/min	0	5	10	15	20	25	30	35	40	Weight Kg
SP16	0.5	0.37	1"/1"	9	40	40	H(m)	40	36	30	25	20	14	10	5	2	8

Overall and mounting dimension

Model	Dimensions (mm)											Package Dimension					
	DNA	DNM	a	b	c	d	e	f	g	h	i	A	B	H			
SP16	1"	1"	282	123	90	175	112	8	71	158	20.5	293	195	175	H	A	B



Peripheral Pumps
Centrifugal Pumps
Self-priming Jet Pumps
Auto-boosting Pumps

Centrifugal Pumps



Irrigation



Sprinkler



Washing

These series of electric impeller close coupled centrifugal pumps are fitted with the overhang impeller directly splined keyway on to the motor shaft. The liquid pumped is conveyed into the spiral shaped volute of the pump body transforming the kinetic energy into dynamic pressure energy. Pressure and flow is achieved with minimum loss by means of the hydrodynamic closed impeller design.

Range of Performance

Flow rate up to 1200 l/min
Head up to 90m

Limits of Use

Max ambient temperature up to 40°C
Max fluid temperature up to 80°C
Max pressure up to 10 bar

Construction features

Pump Body: cast iron
Motor Housing: aluminum
Shaft: 45# steel/stainless steel
Impeller: brass / noryl optional
Motor: closed, externally ventilated
Insulation Class: B/F
Protection Class: IP44/IP54
Duty: continuously rated
Mechanical Steel: ceramic metalized carbon



SCPM series centrifugal pump

Applications and installation

The SCPM series pumps are high-efficient, power-saving and compact in structure, convenient to operate and maintain. The hydraulic characteristic is with high head and small capacity. They are suitable for both domestic and industrial applications to convey clean water and non-aggressive chemical liquid, also can be applied to supply the water for garden, hotel, villas and agricultural irrigation, etc.

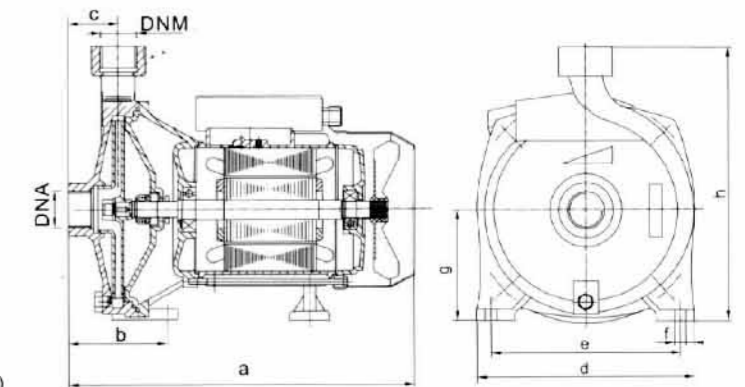
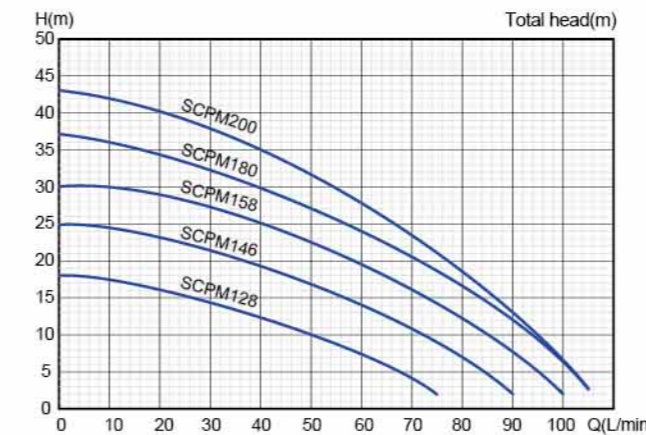
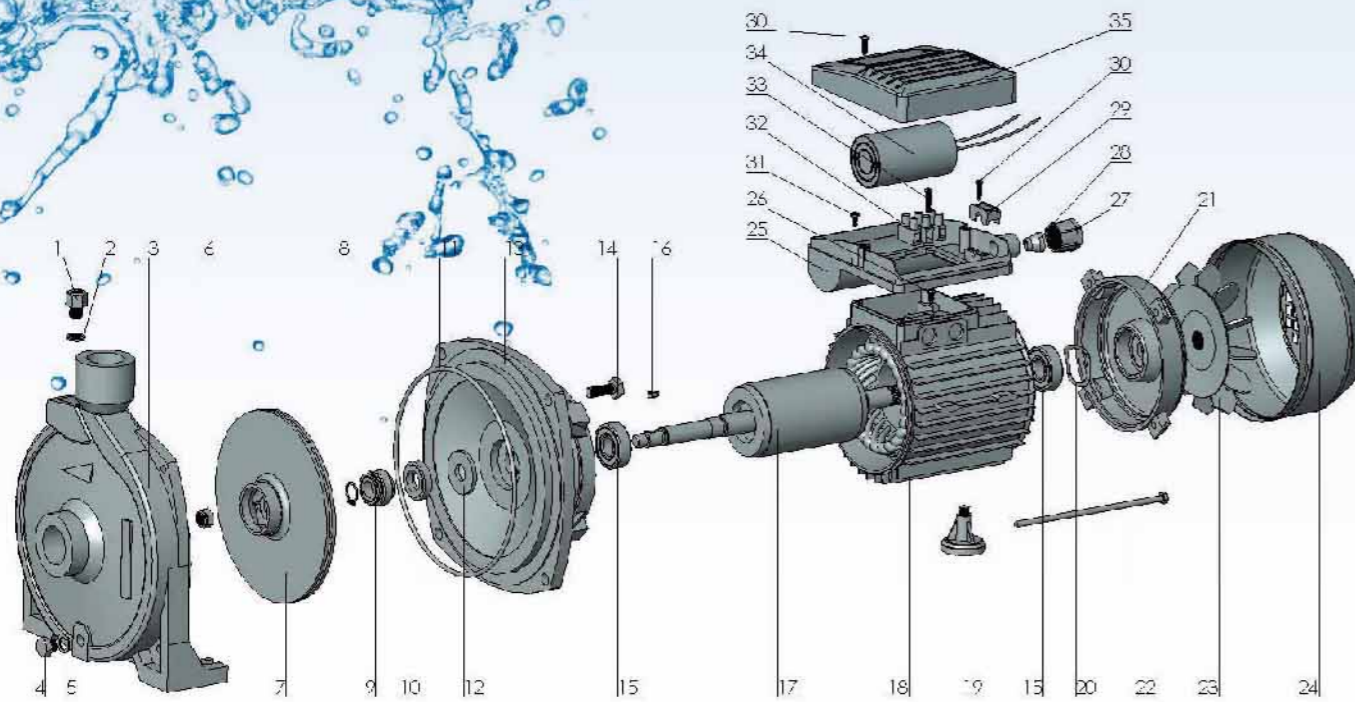
Pumps should be installed in a covered area, protected against the weather.

Construction features

- Pump Body: cast iron
- Motor Housing: aluminum
- Shaft: 45# steel/stainless steel
- Impeller: brass /S/S optional
- Motor: closed, externally ventilated
- Insulation Class: B/F
- Protection Class: IP44/IP54
- Duty: continuously rated
- Mechanical Seal: ceramic steatite/ metalized carbon

Operating limitations

- Max ambient temperature up to 40°C
- Max fluid temperature up to 80°C
- Max pressure up to 10 bar



Material Data

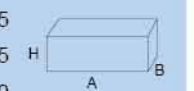
NO.	Description	NO.	Description	NO.	Description
1	Plug	13	Front cover	25	Terminal box place
2	Gasket	14	Screw	26	Screw
3	Pump body	15	Bearing	27	Terminal box nut
4	Plug	16	Key	28	Fairlead
5	Gasket	17	Rotor	29	Cable holder
6	Nut	18	Motor housing with stator	30	Screw
7	Impeller	19	Support foot	31	Screw
8	Snap ring	20	Wave-form washer	32	Terminal block
9	Rolling mechanical seal	21	End cover	33	Screw
10	Fixed mechanical seal	22	Tie-rod	34	Capacitor
11	O-Ring	23	Fan	35	Terminal box cover
12	Drop guard	24	Fan cover		

SCPM

Model	HP	KW	DNA/DNM	Suct. Max m	Q. Max L/min	H. Max m	Q. L/min	0	20	40	60	75	80	90	100	105	Weight Kg	
SCPM128	0.5	0.37	1"/1"	9	75	18	H(m)	18	16	12	8	2					9	
SCPM146	0.75	0.55	1"/1"	9	90	25		25	23	19	14	9	7	2				13
SCPM158	1	0.75	1"/1"	9	100	30		30	28	25	20	14	12	8	2			14
SCPM180	1.5	1.1	1"/1.25" / 1"	9	105	37		37	34	30	24	18	17	12	7	3		19
SCPM200	2	1.5	1"/1.25" / 1"	9	105	43		43	40	35	28	21	19	13	7	3		20

Overall and mounting dimension

Model	Dimensions (mm)										Package Dimension		
	DNA	DNM	a	b	c	d	e	f	g	h	A	B	H
SCPM128	1"	1"	263	82	45	175	136	10	88	220	295	195	240
SCPM146	1"	1"	294	82	47	175	142	10	90	224	330	210	265
SCPM158	1"	1"	310	82	43	192	161	10	95	248	330	210	265
SCPM180	1"/1.25"	1"	345	82	56	215	180	12	112	278	380	255	320
SCPM200	1"/1.25"	1"	350	82	55	230	200	12	120	300	380	255	320



Peripheral Pumps
Centrifugal Pumps
Self-priming Jet Pumps
Auto-boosting Pumps

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Self-priming Jet Pumps
Auto-boosting Pumps

SCP series centrifugal pump

Applications and installation

The SCP series pumps are high-efficient, power-saving and compact in structure, convenient to operate and maintain. The hydraulic characteristic is with high head and small capacity. They are suitable for both domestic and industrial applications to convey clean water and non-aggressive chemical liquid, also can be applied to supply the water for garden, hotel, villas and agricultural irrigation, etc.

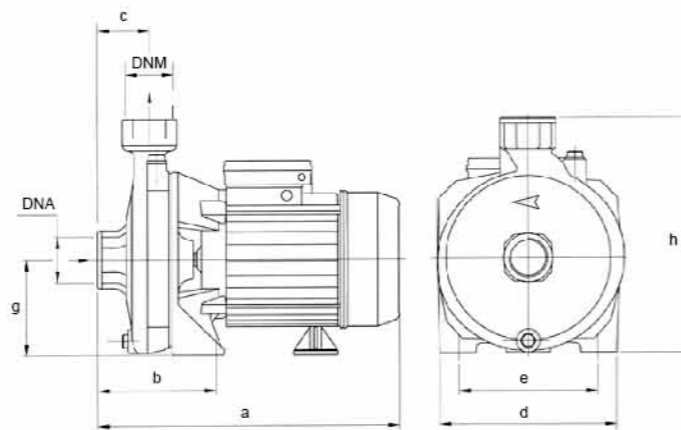
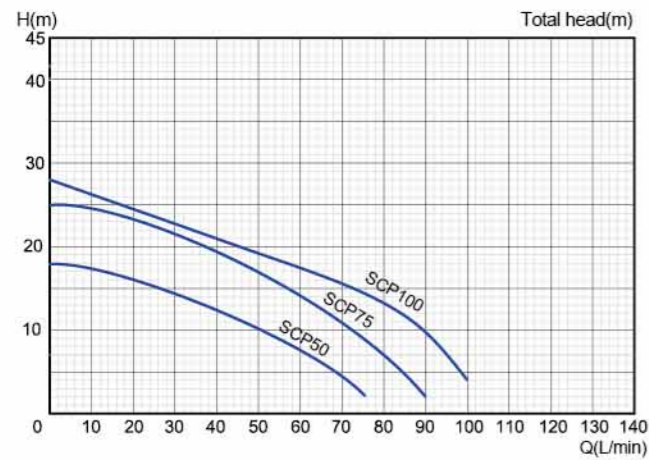
Pumps should be installed in a covered area, protected against the weather.

Construction features

- Pump Body: cast iron
- Motor Housing: aluminum
- Shaft: 45# steel/stainless steel
- Impeller: brass /S/S optional
- Motor: closed, externally ventilated
- Insulation Class: B/F
- Protection Class: IP44/IP54
- Duty: continuously rated
- Mechanical Seal: ceramic steatite/ metalized carbon

Operating limitations

- Max ambient temperature up to 40°C
- Max fluid temperature up to 80°C
- Max pressure up to 10 bar



SCP

Model	HP	KW	DNA/DNM	Suct. Max m	Q. Max L/min	H. Max m	Q. L/min	0	10	30	50	75	90	100	Weight Kg
SCP50	0.5	0.37	1"/1"	9	75	18	H(m)	18	16	12	8	2			9
SCP75	0.75	0.55	1"/1"	9	90	25		25	23	19	14	9	2		13
SCP100	1	0.75	1"/1"	9	100	28		28	26	23	19	14	9.5	4	14

Overall and mounting dimension

Model	Dimensions (mm)									Package Dimension		
	DNA	DNM	a	b	c	d	e	g	h	A	B	H
SCP50	1"	1"	263	82	45	175	136	88	220	295	195	240
SCP75	1"	1"	294	82	47	175	142	90	224	330	210	265
SCP100	1"	1"	310	82	43	192	161	95	248	325	215	260

SCM series centrifugal pump

Applications and installation

The SCM series pumps are with single impeller, able to offer high flow rates and smooth delivery. The flow rate can be regulated over a wide range without damaging the pump. For correct functioning of the pump, use clean water or non-aggressive liquids charged with small solid impurities. The pumps can be applied in flow irrigation system in gardening, agriculture and industrial fittings.

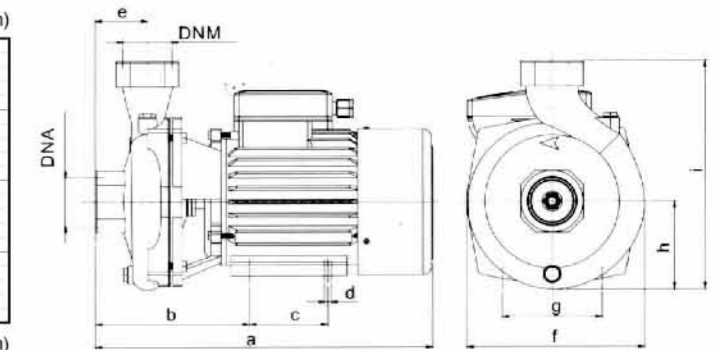
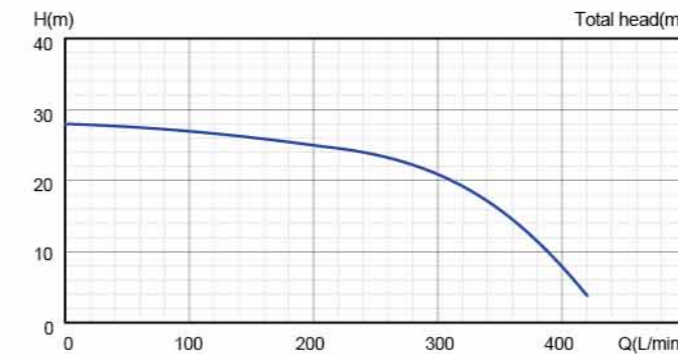
Pumps should be installed in a covered area, protected against the weather.

Construction features

- Pump Body: cast iron
- Motor Housing: aluminum/cast iron
- 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

- Max ambient temperature up to 40°C
- Max fluid temperature up to 80°C
- Max pressure up to 10 bar



SCM

Model	HP	KW	DNA/DNM	Suct. Max m	Q. Max L/min	H. Max m	Q. L/min	0	100	150	200	250	300	350	400	420	Weight Kg
SCM30	3	2.2	2"/2"	9	420	28	H(m)	28	27	26	25	23.5	21	16	8	4	26

Overall and mounting dimension

Model	Dimensions (mm)											Package Dimension		
	DNA	DNM	a	b	c	d	e	f	g	h	i	A	B	H
SCM30	2"	2"	405	178	110	10	62	213	120	107	277.5	415	260	325

SDK series centrifugal pump

Applications and installation

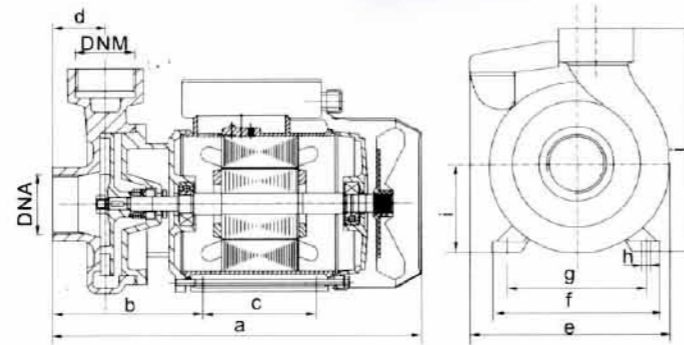
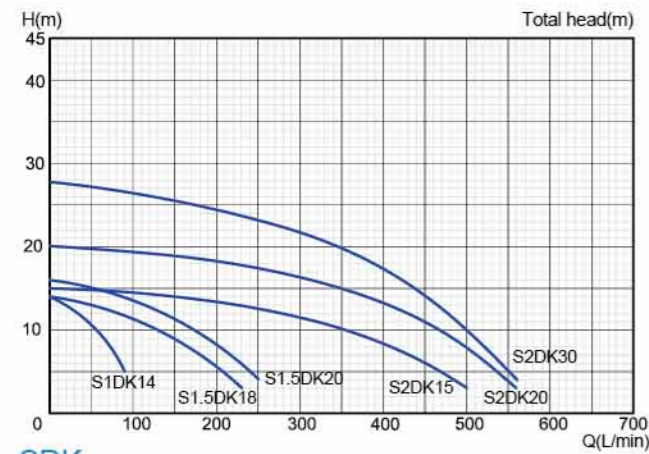
The SDK series pumps are recommended for pumping clean water and chemically non-aggressive liquid. They have compact size and are extremely reliable, very simple to use, efficient and almost maintenance-free. They are suitable for boosting pressure water supplying for household, irrigation, general industrial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

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	H(m)											Weight Kg			
								0	30	65	100	180	210	300	480	520	560					
S1DK14	0.5	0.37	1" / 1"	9	65	14		14	8	4												7.5
S1.5DK18	0.75	0.55	1½" / 1½"	9	180	14		14	13	12	11	6										11.8
S1.5DK20	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
S1DK14	1"	1"	276	121	80	43	127	119	100	9	63	171	290	150	195
S1.5DK18	1½"	1½"	296	121	90	43	153	136	112	9	71	182	325	195	240
S1.5DK20	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

SHF series centrifugal pump

Applications and installation

The SHF series pumps are specifically designed to achieve high delivery rates with low to medium heads for industrial and agricultural uses. Their volute impeller makes it able to pump water that is even fairly dirty. High delivery rates under continuous or heavy duty, making them advantageous for rain and gravity irrigation, for pumping water from lakes, river, well and for a wide variety of other applications, etc.

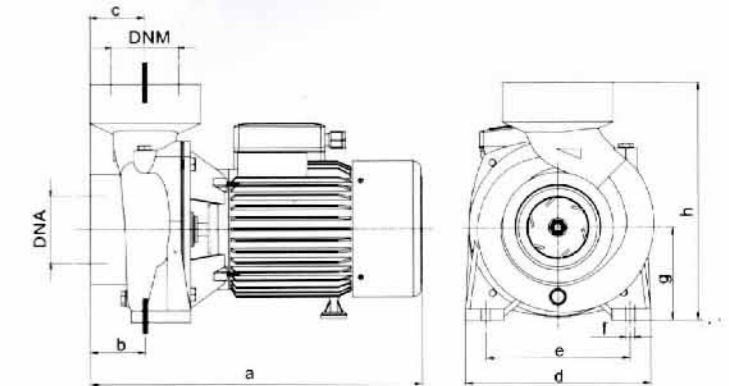
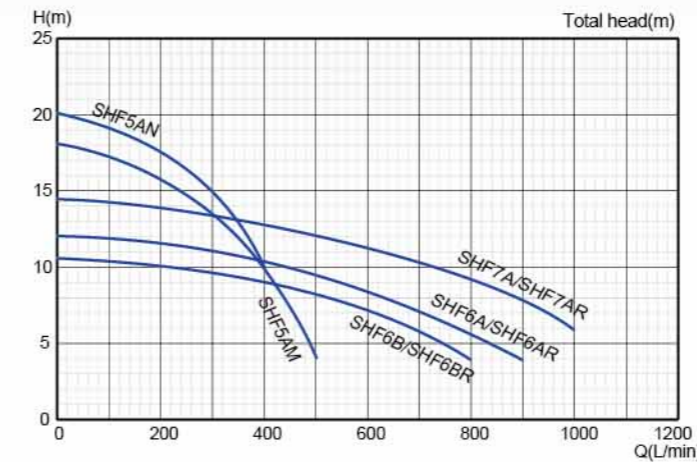
Pumps should be installed in a covered area, protected against the weather.

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

Max ambient temperature up to 40°C
 Max fluid temperature up to 80°C
 Max pressure up to 10 bar



SHF

Model	HP	kW	DNA/DNM	Suct.Max m	Q.Max L/min	H.Max m	Q. L/min	H(m)											Weight Kg			
								0	200	300	400	500	600	800	900	1000						
SHF5AM	1.5	1.1	2" / 2"	9	500	18		18	16	14	10	4										21.85
SHF5AN	2	1.5	2" / 2"	9	500	20		20	18	17	14	10										22.95
SHF6B	2	1.5	3" / 3"	9	800	10.5		10.5	10.4	10.2	10	8	6	4								27.5
SHF6A	3	2.2	3" / 3"	9	900	12.5		12.5	11.5	11	10	9	8	6	4							28.8
SHF7A	4	3	3" / 3"	9	1000	14.5		14.5	13.5	13	12.5	12	11	8.5	7	6						33.0
SHF6BR	2	1.5	4" / 4"	9	800	10.5		10.5	10.4	10.2	10	8	6	4								30.15
SHF6AR	3	2.2	4" / 4"	9	900	12.5		12.5	11.5	11	10	9	8	6	4							36.0
SHF7AR	4	3	4" / 4"	9	1000	14.5		14.5	13.5	13	12.5	12	11	8.5	7	6						37.0

Overall and mounting dimension

Model	Dimensions (mm)										
	DNA	DNM	a	b	c	d	e	f	g	h	
SHF5AM	2"	2"	380	45	51	195	154	11	110	260	
SHF5AN	2"	2"	360	45	51	195	154	11	110	260	
SHF6B	3"	3"	385	66	68	237	187	12	120	312	
SHF6A	3"	3"	405	66	68	237	187	12	120	312	
SHF7A	3"	3"	405	66	68	237	187	12	120	312	
SHF6BR	4"	4"	407	66	70	237	187	12	120	312	
SHF6AR	4"	4"	407	66	70	237	187	12	120	312	
SHF7AR	4"	4"	429	66	80	237	187	14	132	312	

SCM2 and SDPT series two stage centrifugal pump



Applications and installation

The SCM2 series equipped with two back-to-back impellers, are specifically designed for higher head than single impeller pumps and have extremely high outputs. They are suitable for pumping clean water and chemically non-aggressive liquid, reliable, economical and simple to use. They can be used for pressure boosting washing systems, horticultural and agricultural irrigation applications, civil and domestic water transfer schemes, boiler, chiller and refrigeration systems.

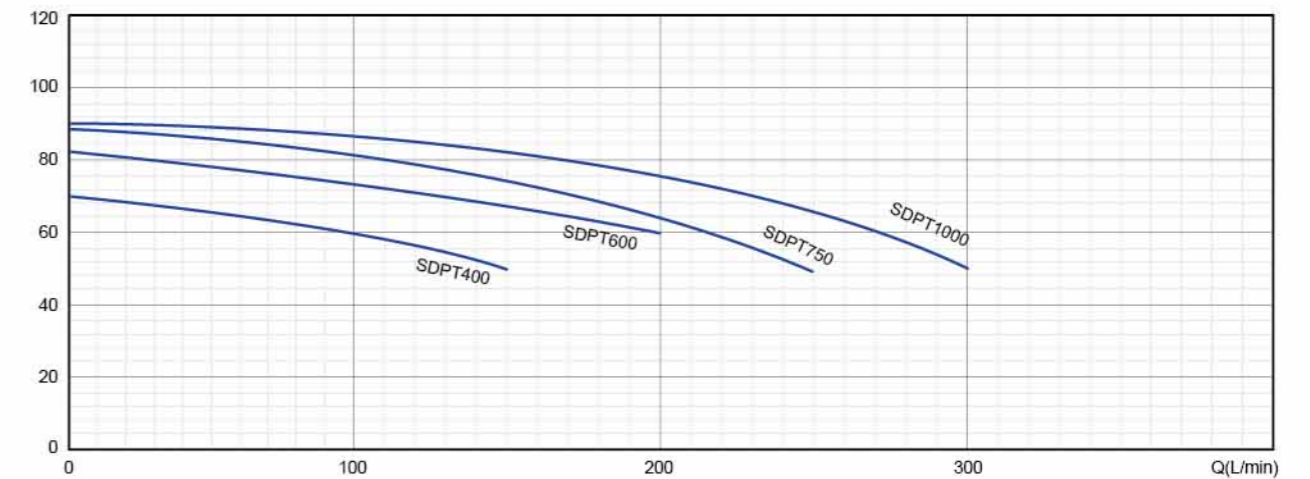
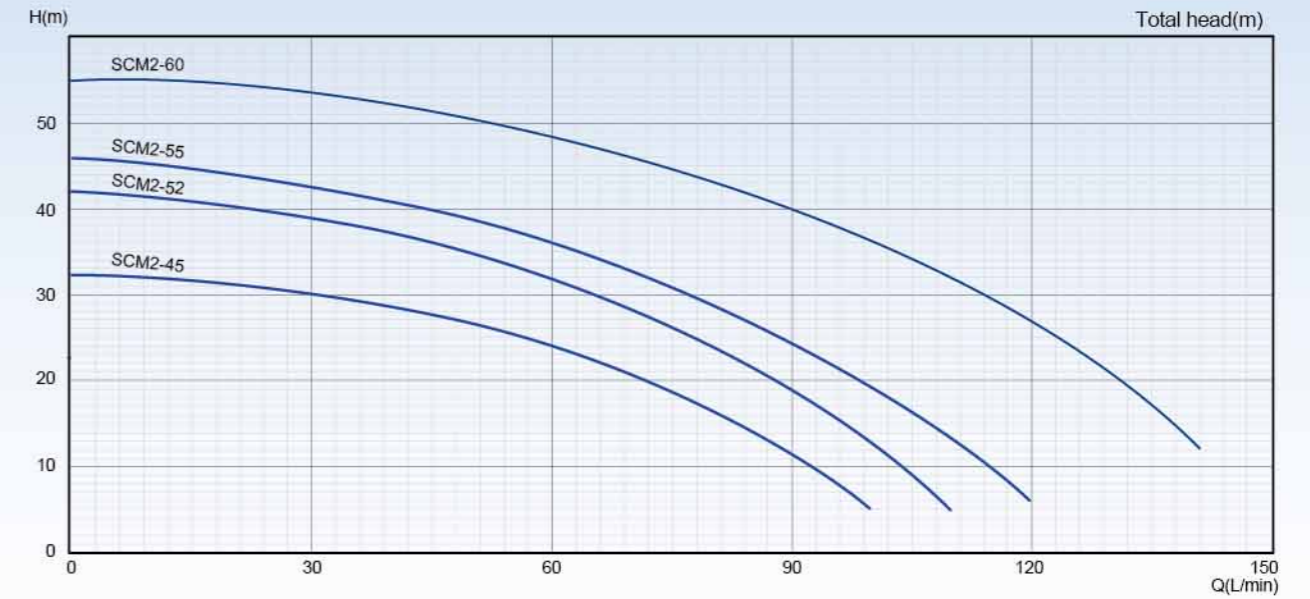
Pumps should be installed in a covered area, protected against the weather.

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

- Max ambient temperature up to 40°C
- Max fluid temperature up to 80°C
- Max pressure up to 10 bar



SCM2

Model	HP	KW	DNA/DNM	Suct.Max m	Q.Max L/min	H.Max m	Q. L/min	H(m)												Packing Dimension mm	
								0	20	40	60	80	100	110	120	140					
SCM2-45	1	0.75	1.25" / 1"	9	100	32	H(m)	32	31	28.5	24	16.5	5						358x200x250		
SCM2-52	1.5	1.1	1.25" / 1"	9	110	42		42	40.5	37	32	24	12.5	5						420x230x280	
SCM2-55	2	1.5	1.25" / 1"	9	120	46		46	44	41	36	29	19.5	13	6						420x230x290
SCM2-60	3	2.2	1.5" / 1.25"	9	140	55		55	54.5	52	49	43	36	32	27	12					

Model	HP	KW	DNA/DNM	Suct.Max m	Q.Max L/min	H.Max m	Q. L/min	H(m)																	Packing Dimension mm	
								0	30	40	60	80	100	120	140	150	200	250	300							
SDPT400	4	3	1.5" / 1.25"	9	150	70	H(m)	70	67	66	65	63	60	57	54	50								580x320x420		
SDPT600	5.5	4	1.5" / 1.25"	9	200	82		82	80	79	78	76	74	72	69	66	60								640x350x440	
SDPT750	7.5	5.5	1.5" / 1.25"	9	250	90		90	87.5	87	85	84	82	78	77	75	66	54								670x360x470
SDPT1000	10	7.5	1.5" / 1.25"	9	300	95		95	94	93	92	90.5	90	87	86	82	74	60	54							

SNFM series centrifugal pump

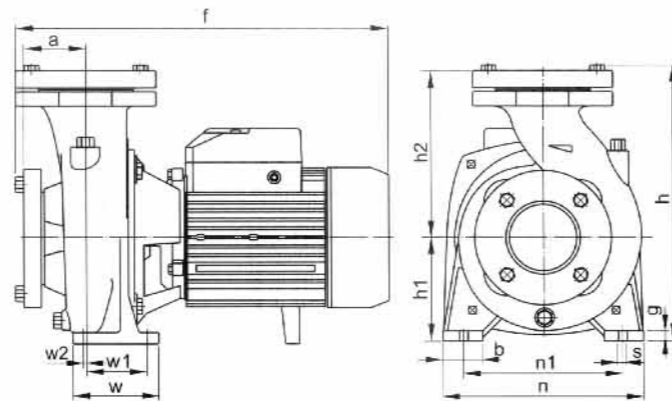
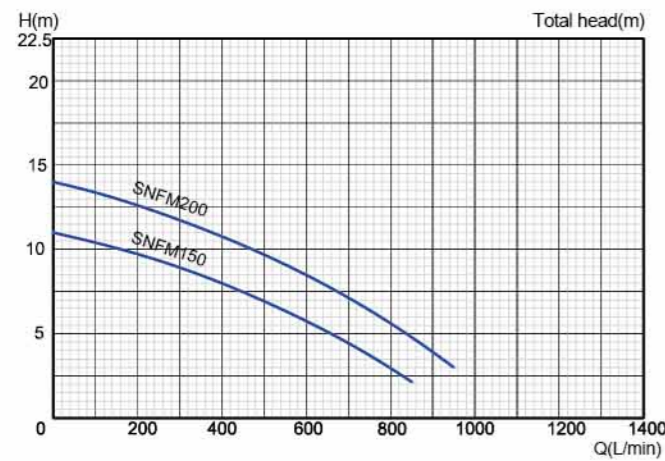
Applications and installation

SNFM pumps are specifically designed to achieve high delivery rates with low to medium heads for industrial and agricultural use. Two flanges with screw make the installation and maintenance simple and easy. The volute impeller makes it able to pump water that is even fairly dirty. High delivery rates under continuous or heavy duty, making them advantageous for rain and gravity irrigation, for pumping water from lakes, river, wells and for a wide variety of industrial uses where high delivery rates must be achieved at low to average heads. With a single centrifugal impeller cantilevered on the motor shaft directly, the SNFM pumps have a compact size, extremely reliable, very simple to use and almost maintenance-free.

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

Construction features

- Pump body: cast iron
- Impeller: brass (cast iron if required)
- Motor: closed, externally ventilated
- Insulation class: B (class F if required)
- Protection class: IP44/IP54
- Duty: continuously rated
- Mechanical seal: Ø16 ceramic steatite/metalized carbon



SNFM

Model	HP	KW	DNA/DNM	Suct. Max m	Q. Max L/min	H. Max m	Q. L/min	0	100	200	300	400	550	700	850	950	Weight Kg
SNFM150	1.5	1.1	3"/3"	9	850	11	H(m)	11	11	10	9	8	7	5	3		32
SNFM200	2	1.5	3"/3"	9	950	14	H(m)	14	13	12	12	11	9	7	5	3	34

Overall and mounting dimension

Model	Dimensions (mm)												
	a	f	h	H1	H2	w	w1	w2	n	n1	b	g	s
SNFM150	71	420	323	121	195	98	69	13	240	190	48	12	10
SNFM200	71	420	323	121	195	98	69	13	240	190	48	12	10

SCS series centrifugal pump

Applications and installation

SCS series centrifugal pumps with single impeller are able to offer high flow rates, provide smooth, nonpulsating delivery, and regulate the flow rate over a wide range without damaging the pump.

For correct functioning of the pump, use clean water or non-aggressive liquids charged with small solid impurities.

To be used in flow irrigation system in gardening, agriculture and industrial fittings.

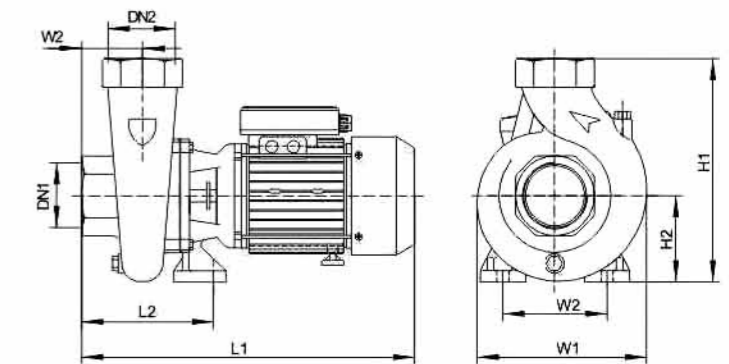
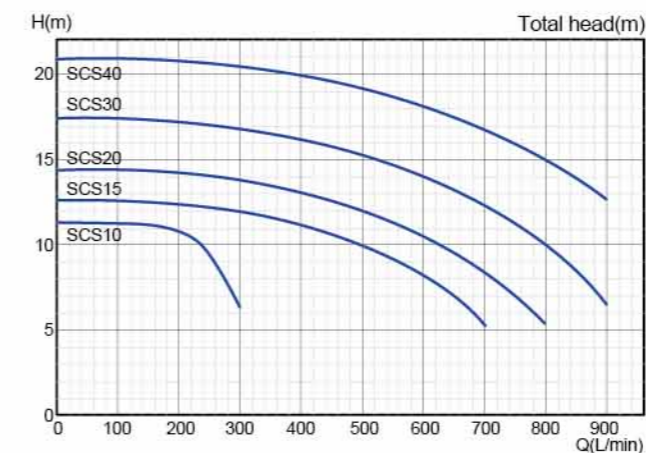
Pumps should be installed in a covered area, protected against the weather.

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

- Max ambient temperature up to 40°C
- Max fluid temperature up to 80°C
- Max pressure up to 10 bar



SCS

Model	HP	KW	DNA/DNM	Suct. Max m	Q. Max L/min	H. Max m	Q. L/min	0	100	200	300	400	500	600	700	800	900	Weight Kg
SCS10	1	0.75	2"/2"	9	300	12.5	H(m)	12.5	12.5	12	7.5							16.5
SCS15	1.5	1.1	2"/2"	9	700	13	H(m)	13	13	13	12.5	11	10	8.5	6			25
SCS20	2	1.5	2"/2"	9	800	14	H(m)	14	14	14	13.7	13	12	10	7.5	6		26
SCS30	3	2.2	3"/3"	9	900	17.5	H(m)	17.5	17.5	17.2	17	16.5	15.5	14.2	13	10.5	6.5	32
SCS40	4	3	3"/3"	9	900	21	H(m)	21	21	21	20.5	20	19	18	17.2	15.5	13	36

Overall and mounting dimension

Model	Dimensions (mm)									Package Dimension		
	DNA	DNM	L1	W1	H1	L2	W2	f	A	B	H	
SCS10	2"	2"	318	180	248	55	115	97	340	210	265	
SCS15	2"	2"	390	220	286	56.5	140	114	410	235	305	
SCS20	2"	2"	390	220	286	56.5	140	114	410	255	320	
SCS30	3"	3"	445	227	298	80.5	140	116	465	280	345	
SCS40	3"	3"	458	230	300	80.5	140	116	480	280	350	

SWBD series centrifugal pump

Applications and installation

SWBD series pumps are good choice for domestic, commercial and industrial applications. All parts used to pump liquid are made of stainless steel, with high corrosion resistance and long life. They are widely used to air condition or cooling system, drinking water transfer and bottling, industrial washing and pressure boosting.

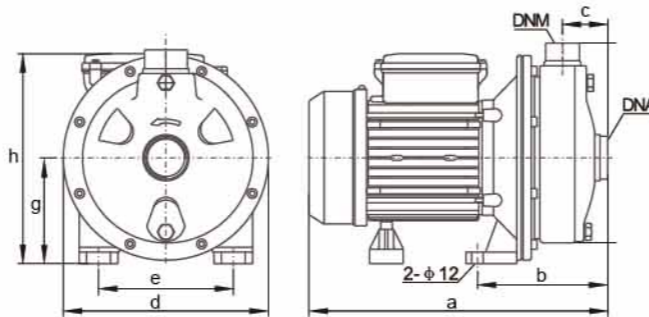
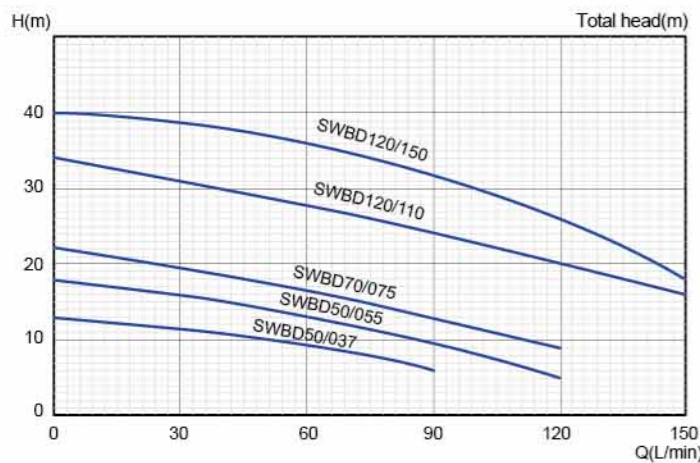
Pumps should be installed in a covered area, protected against the weather.

Construction features

- Pump body: stainless steel
- Motor housing: Aluminum
- Shaft: stainless steel
- Impeller: stainless steel
- Motor: closed, externally ventilated
- Insulation class: B/F
- Protection class: IP44/IP54
- Duty: continuously rated
- Mechanical seal: ceramic steatite/metalized carbon

Operating limitations

- Max ambient temperature up to 40°C
- Max fluid temperature up to 80°C
- Max pressure up to 10bar



SWBD

Model	HP	kW	DNA/DNM	Suct.Max m	Q.Max L/min	H.Max m	Q. L/min	H(m)								Weight Kg		
								0	20	40	60	90	100	120	150			
SWBD50/037	0.5	0.37	1.25" / 1"	9	90	13	H(m)	13	12	11	9.5	6						7.5
SWBD70/055	0.75	0.55	1.25" / 1"	9	120	18	H(m)	18	16.5	15	13	9.5	8	5				8
SWBD70/075	1	0.75	1.25" / 1"	9	120	22	H(m)	22	20	18.5	16.5	13	11.5	9				10.5
SWBD120/110	1.5	1.1	1.25" / 1"	9	150	34	H(m)	34	32	30	28	24	23	20.5	16			15.3
SWBD120/150	2	1.5	1.25" / 1"	9	150	40	H(m)	40	39	38	36	32	30	26	18			16.3

Overall and mounting dimension

Model	Dimensions (mm)										Package Dimension		
	DNA	DNM	a	b	c	d	e	g	h	A	B	H	
SWBD50/037	1.25"	1"	265	118	50	166	100	84	196	295	185	255	
SWBD70/055	1.25"	1"	315	138	50	213	140	110	218	330	225	235	
SWBD70/075	1.25"	1"	315	138	50	213	140	110	218	330	225	235	
SWBD120/110	1.25"	1"	315	138	50	213	140	110	218	360	245	280	
SWBD120/150	1.25"	1"	373	140	50	234	150	120	255	420	260	295	

SCPS series centrifugal pump

Applications and installation

The SCPS series pumps are good choice for domestic, commercial and industrial applications. All parts used to pump liquid are made of stainless steel, with high corrosion resistance and long life. They are widely used for high pressure water supply, air-conditioning systems, water chiller, irrigation systems, industrial and agricultural uses.

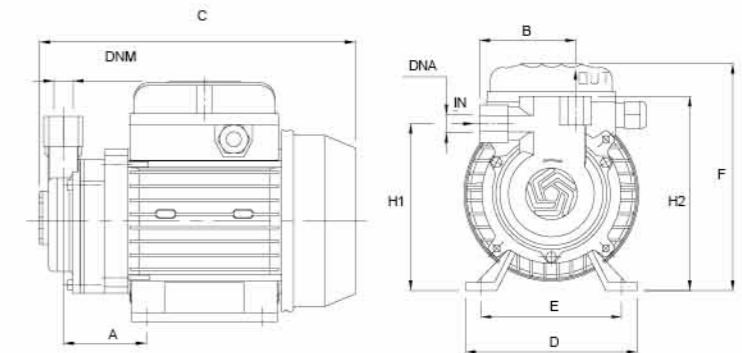
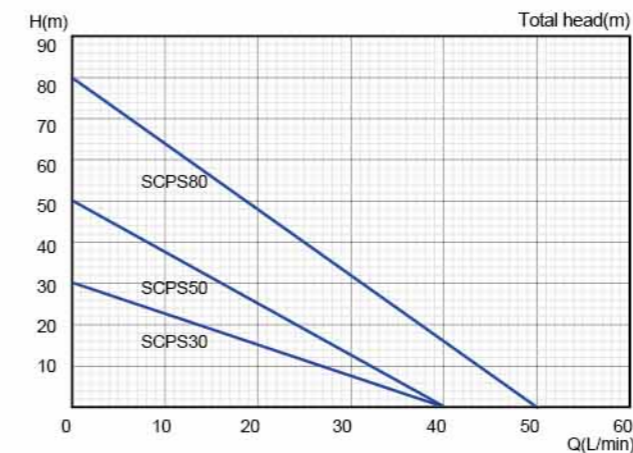
Pumps should be installed in a covered area, protected against the weather.

Construction features

- Pump body: stainless steel
- Motor housing: Aluminum
- Shaft: stainless steel
- Impeller: copper
- Motor: closed, externally ventilated
- Insulation class: B/F
- Protection class: IP44
- Duty: continuously rated
- Mechanical seal: ceramic steatite/metalized carbon

Operating limitations

- Max ambient temperature up to 40°C
- Max fluid temperature up to 80°C
- Max pressure up to 10bar



SCPS

Model	HP	kW	DNA/DNM	Suct.Max m	Q.Max L/min	H.Max m	Q. L/min	H(m)							Weight Kg
								0	10	20	30	40	50		
SCPS30	0.5	0.37	1/2" / 1/2"	9	40	30	H(m)	30	22	15	8	0			5
SCPS50	0.5	0.37	1/2" / 1/2"	9	40	50	H(m)	50	38	25	13	0			5.3
SCPS80	1	0.75	1/2" / 1/2"	9	50	80	H(m)	80	64	48	32	16	0		9

Overall and mounting dimension

Model	Dimensions (mm)							
	A	B	C	D	E	F	H1	H2
SCPS30	54	64.6	215.5	120	97	157.5	112	131
SCPS50	54	64.6	215.5	120	97	157.5	112	131
SCPS80	70	64	250	250	112	175	129	144

SMH series horizontal multi-stage centrifugal pump

Applications and installation

The SMH series are designed to work with clean water in domestic applications, irrigation, industry, etc. The pump body is made of stainless steel, so that they are of beautiful design. At the same time, they have the advantage of low noise, easy operation and reliable performance.

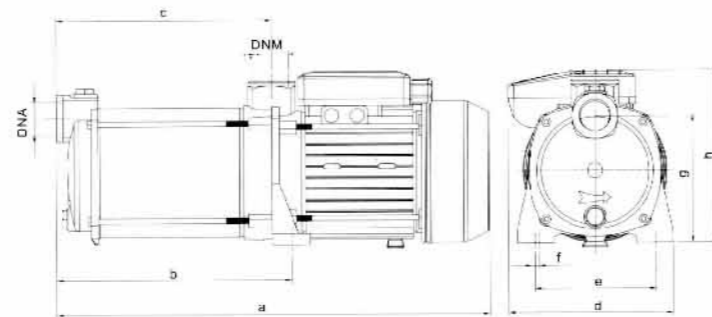
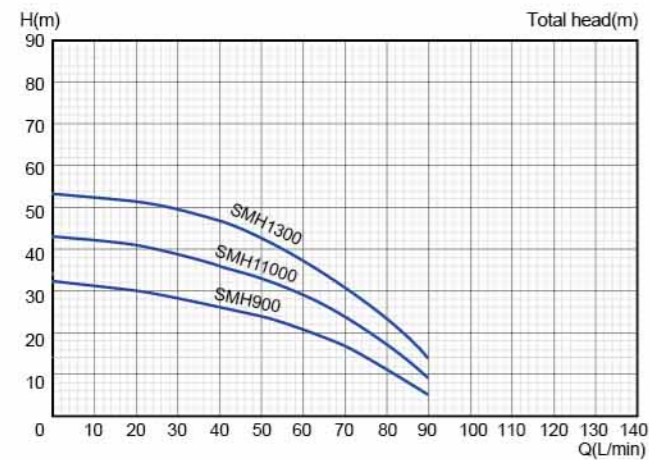
Pumps should be installed in a covered area, protected against the weather.

Construction features

- Pump Body: stainless steel
- Motor Housing: aluminum
- Shaft: Stainless steel/45# steel optional
- Impeller: PPO/stainless steel optional
- Motor: closed, externally ventilated
- Insulation Class: B/F
- Protection Class: IP44/IP54
- Duty: continuously rated
- Mechanical Seal: ceramic steatite/ metalized carbon

Operating limitations

- Max ambient temperature up to 40°C
- Max fluid temperature up to 80°C
- Max pressure up to 10 bar



SMH

Model	HP	KW	DNA/DNM	Suct. Max m	Q. Max L/min	H. Max m	Q. L/min	0	10	20	30	40	50	60	70	80	90	Weight Kg
SMH900	0.75	0.55	1"/1"	9	90	32	H(m)	32	31	30	28	26	24	21	17	11	5	11.5
SMH1100	1	0.75	1"/1"	9	90	43	H(m)	43	42	41	38	36	33	29	24	17	9	12.5
SMH1300	1.2	0.9	1"/1"	9	90	53	H(m)	53	52	51	49	47	41	36	31	23	14	13.5

Overall and mounting dimension

Model	Dimensions (mm)										Package Dimension		
	DNA	DNM	a	b	c	d	e	f	g	h	A	B	H
SMH900	1"	1"	384	190	170	150	120	10	126	196	400	185	220
SMH1100	1"	1"	409	214.5	194.5	150	120	10	126	196	420	185	220
SMH1300	1"	1"	433	239	219	150	120	10	126	196	445	185	220

SHMP series horizontal multi-stage centrifugal pump

Applications and installation

The SHMP series are designed to work with clean water in domestic applications, irrigation, industry, etc. Meanwhile, they have the advantage of low noise, easy operation and reliable performance.

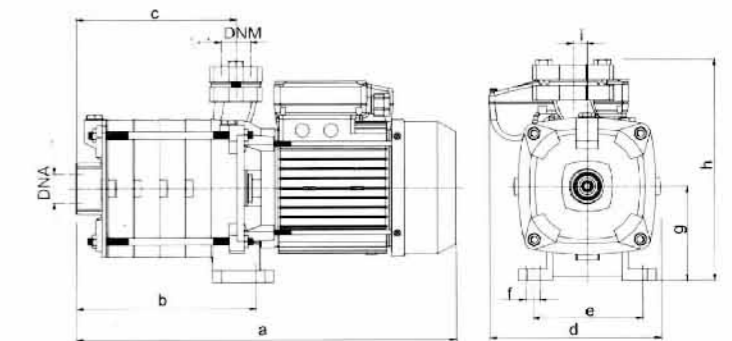
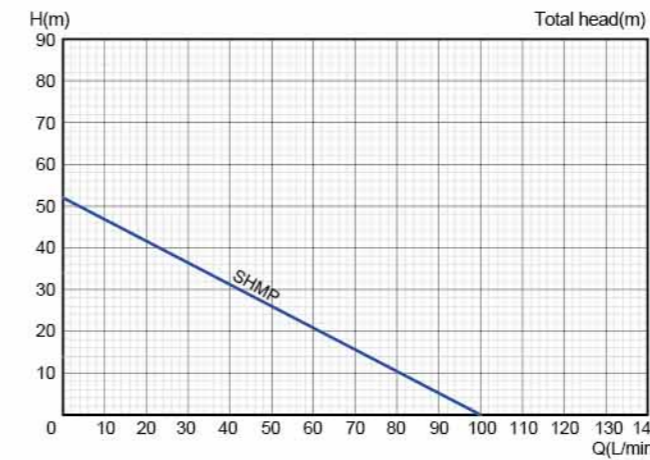
Pumps should be installed in a covered area, protected against the weather.

Construction features

- Pump Body: cast iron
- Motor Housing: aluminum
- Shaft: 45# steel/stainless steel optional
- Impeller: brass/PPO optional
- Motor: closed, externally ventilated
- Insulation Class: B/F
- Protection Class: IP44/IP54
- Duty: continuously rated
- Mechanical Seal: ceramic steatite/ metalized carbon

Operating limitations

- Max ambient temperature up to 40°C
- Max fluid temperature up to 80°C
- Max pressure up to 10 bar



SHMP

Model	HP	KW	DNA/DNM	Suct. Max M	Q. Max L/min	H. Max m	Q. L/min	0	10	20	30	40	50	60	80	90	Weight Kg
SHMP1100	1.5	1.1	1.25"/1.25"	9	100	52	H(m)	52	47	44	42	37	33	30	24	14	6

Overall and mounting dimension

Model	Dimensions (mm)										Package Dimension			
	DNA	DNM	a	b	c	d	e	f	g	h	i	A	B	H
SHMP1100	1.25"	1.25"	443	207	185	199	126	14	110	258	16.5	435	223	292

Peripheral Pumps
Centrifugal Pumps
Self-priming Jet Pumps
Auto-boosting Pumps

Peripheral Pumps
Centrifugal Pumps
Self-priming Jet Pumps
Auto-boosting Pumps

Self-priming Pumps



Gardening



Irrigation



Sprinkler



Shallow Well

These series are mostly SELF-PRIMING JET PUMPS. Self-priming is achieved by using an ejector, housed in the pump body. The total delivery produced by the closed centrifugal impeller is sent only partly to the delivery opening, the remaining water is re-circulated through the ejector, which is connected to the suction chamber and generates the necessary vacuum to self-prime the pump. When first starting the pump, fill the pump body with water without bothering to fill the suction the piping and eliminate any air from the suction to the delivery chamber, expelling it through the delivery piping. At the same time the vacuum thus generated causes water to rise in the suction piping, thus self-priming the pump.

Since the self-priming system operates continuously, these pumps are practically unaffected even by the presence of large amounts of entrained air in the fluid being pumped. They are designed to auto-control system with booster, pressure switch and gauges.



Operating limitations

Max ambient temperature up to 40°C

Max fluid temperature up to 80°C

Max pressure up to 10 bar

Construction features

Pump Body: cast iron

Motor Housing: aluminum

Shaft: 45# steel/stainless steel

Impeller: brass, stainless steel/PPO optional

Motor: closed, externally ventilated

Insulation Class: B/F

Protection Class: IP44/IP54

Duty: continuously rated

Mechanical Seal: ceramic steatite/metalized carbon



SJET(P/S) series self-priming jet pump

Applications and installation:

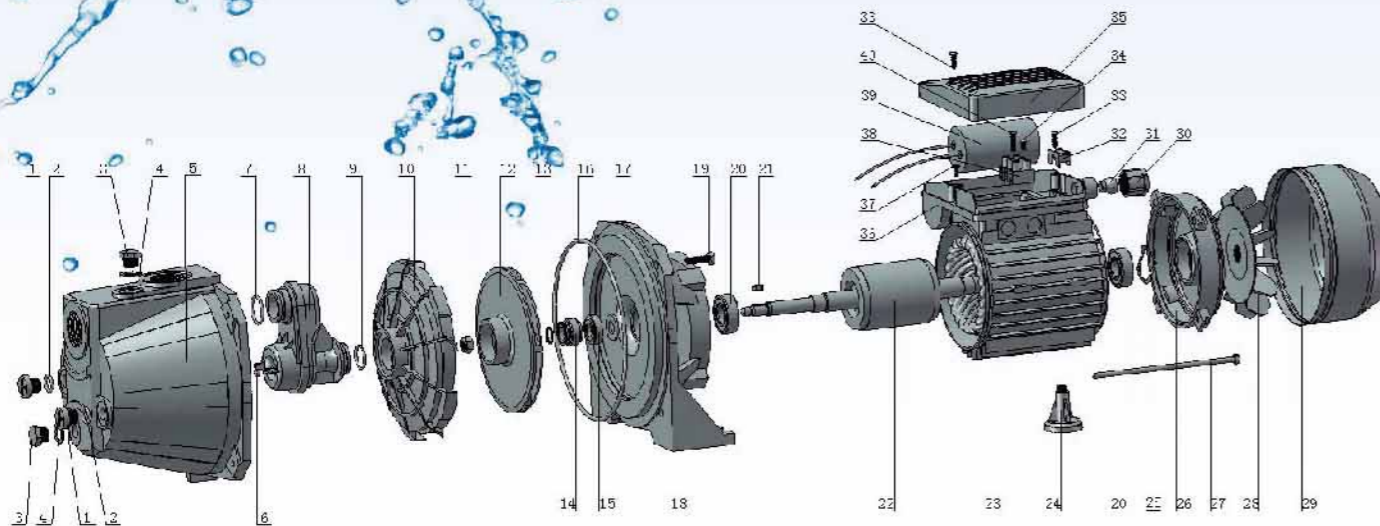
The SJET(P/S) series are injection type clean water pumps, which are composed of a centrifugal pump and a nozzle, with stainless steel pump body and spare parts, have the advantages of beautiful design, self-priming in short time, reliable performance, high head and deep suction. They are suitable for pumping clean water and non-aggressive liquid. They are particularly suitable for domestic applications such as supply water from well, pool etc, the automatic distribution of water by surge tanks and pressure switch, gardening, and pressure boosting etc. **Pumps should be installed in a covered area, protected against the weather.**

Construction features

- Pump Body: S/S
- Motor Housing: aluminum
- Shaft: 45# steel/stainless steel
- Impeller: brass /stainless steel/PPO optional
- Motor: closed, externally ventilated
- Insulation Class: B/F
- Protection Class: IP44/IP54
- Duty: continuously rated
- Mechanical Seal: ceramic steatite/ metalized carbon

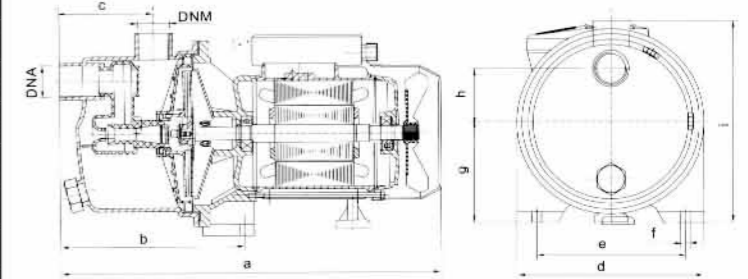
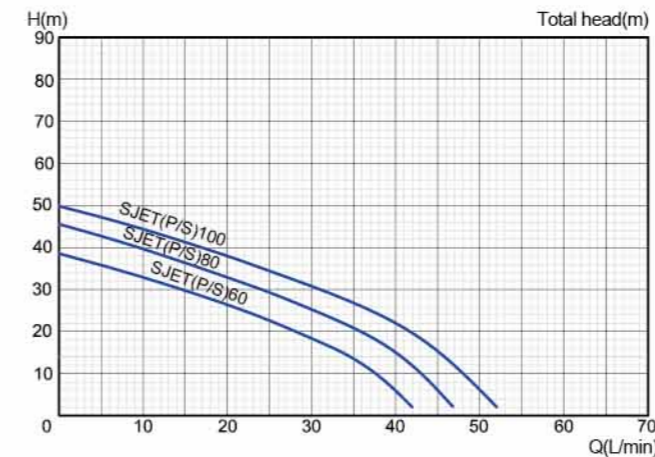
Operating limitations:

- Max ambient temperature up to 40°C
- Max fluid temperature up to 80°C
- Max pressure up to 10 bar



Material Data

NO.	Description	NO.	Description	NO.	Description
1	Plug	15	Fixed mechanical seal	29	Fan cover
2	O-Ring	16	O-Ring	30	Terminal box nut
3	Plug	17	Drop guard	31	Fairlead
4	Gasket	18	Front cover	32	Cable holder
5	Pump body	19	Screw	33	Screw
6	Rubber foot	20	Bearing	34	Screw
7	O-Ring	21	Key	35	Terminal box cover
8	Venturi pipe	22	Rotor	36	Terminal box place
9	O-Ring	23	Motor housing with stator	37	Screw
10	Diffuser	24	Support foot	38	Terminal block
11	Nut	25	Wave-form washer	39	Capacitor
12	Impeller	26	End cover	40	Screw
13	Snap ring	27	Tie-rod		
14	Rolling mechanical seal	28	Fan		

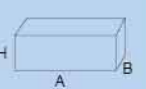


SJET(P/S)

Model	HP	kW	DN/DNM	Suct. Max m	Q. Max L/min	H. Max m	Q. L/min	0	10	15	20	25	30	35	42	46	52	Weight Kg
SJET(P/S)60	0.5	0.37	1" / 1"	9	42	38	H(m)	38	29	25	22	18	15	7	4			7
SJET(P/S)80	0.75	0.55	1" / 1"	9	46	45	H(m)	45	38	35	31	28	25	23	12	5		10
SJET(P/S)100	1	0.75	1" / 1"	9	52	50	H(m)	50	43	40	37	34	32	30	27	12	5	11

Overall and mounting dimension

Model	Dimensions (mm)											Package Dimension		
	DNA	DNM	a	b	c	d	e	f	g	h	i	A	B	H
SJET(P/S)60	1"	1"	352	190	95	194	148	8	105	56	200	380	200	200
SJET(P/S)80	1"	1"	380	190	95	198	148	8	105	56	208	400	200	220
SJET(P/S)100	1"	1"	380	190	95	198	148	8	105	56	208	400	200	220



Peripheral Pumps
Centrifugal Pumps
Self-priming Jet Pumps
Auto-boosting Pumps

Peripheral Pumps
Centrifugal Pumps
Self-priming Jet Pumps
Auto-boosting Pumps

SJET/SJETB/SJETL series self-priming jet pump

Applications and installation

The SJET/B/L series are injection type clean water pumps, which are composed of a centrifugal pump and a nozzle, with the advantages of beautiful design, self-priming in short time, reliable performance, high head and deep suction. They are suitable for pumping clean water and non-aggressive liquid. They are particularly suitable for domestic applications such as supply water from well, pool etc, the automatic distribution of water by surge tanks and pressure switch, gardening, and pressure boosting 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 /stainless steel/PPO optional
- Motor: closed, externally ventilated
- Insulation Class: B/F
- Protection Class: IP44/IP54
- Duty: continuously rated
- Mechanical Seal: ceramic steatite/ metalized carbon

Operating limitations

- Max ambient temperature up to 40°C
- Max fluid temperature up to 80°C
- Max pressure up to 10 bar



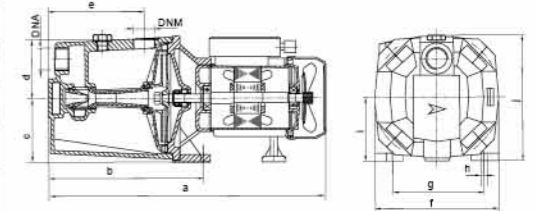
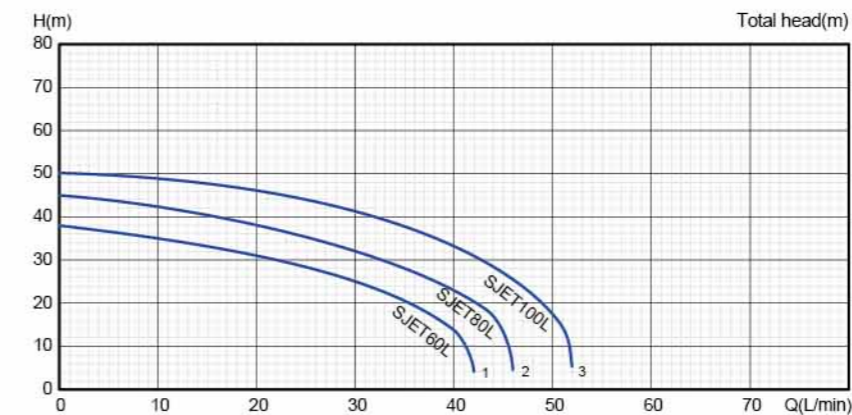
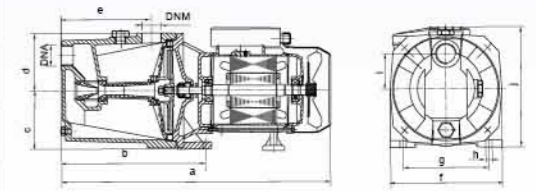
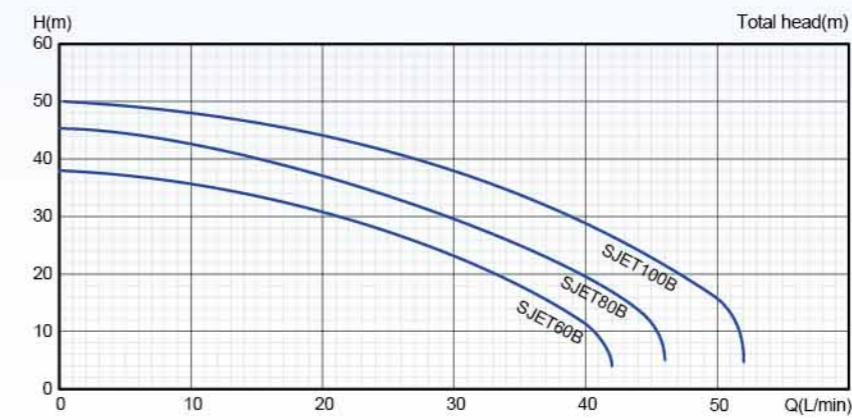
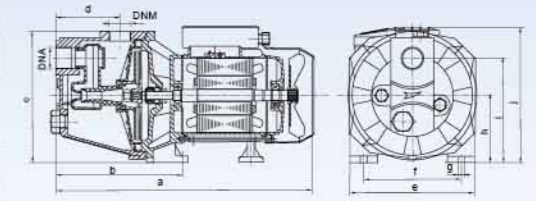
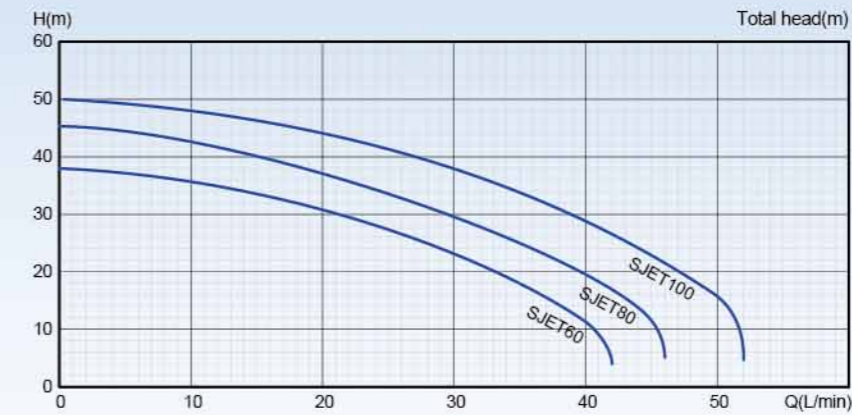
SJET



SJETB



SJETL



SJET/SJETB/SJETL

Model	HP	KW	DNA/DNM	Suct.Max m	Q.Max L/min	H.Max m	Q. L/min	0	10	15	20	25	30	35	42	46	52	Weight Kg	Packing Dimension LxVxH(mm)	
SJET60	0.5	0.37	1"/1"	9	42	38	H(m)	38	29	25	22	18	15	7	4			11	400x200x220	
SJET80	0.75	0.55	1"/1"	9	46	45		45	38	35	31	28	25	23	12	5			13	400x200x220
SJET100	1	0.75	1"/1"	9	52	50		50	43	40	37	34	32	30	27	12	5		14	400x200x220
SJET60B	0.5	0.37	1"/1"	9	42	38		38	29	25	22	18	15	7	4				12	440x220x240
SJET80B	0.75	0.55	1"/1"	9	46	45		45	38	35	31	28	25	23	12	5			14	440x220x240
SJET100B	1	0.75	1"/1"	9	52	52		52	43	40	37	34	32	30	27	12	5		15.5	440x220x240
SJET60L	0.5	0.37	1"/1"	9	42	38		38	29	25	22	18	15	7	4				12	440x220x240
SJET80L	0.75	0.55	1"/1"	9	46	45		45	38	35	31	28	25	23	12	5			14	440x220x240
SJET100L	1	0.75	1"/1"	9	52	52		52	43	40	37	34	32	30	27	12	5		15.5	440x220x240

SJSW series self-priming jet pump

Applications and installation

The SJSW series are injection type clean water pumps, which are composed of a centrifugal pump and a nozzle, have the advantages of beautiful design, self-priming in short time, reliable performance, high head and deep suction. They are suitable for pumping clean water and non-aggressive liquid. They are particularly suitable for domestic applications such as supply water from well, pool etc, the automatic distribution of water by surge tanks and pressure switch, gardening, and pressure boosting etc.

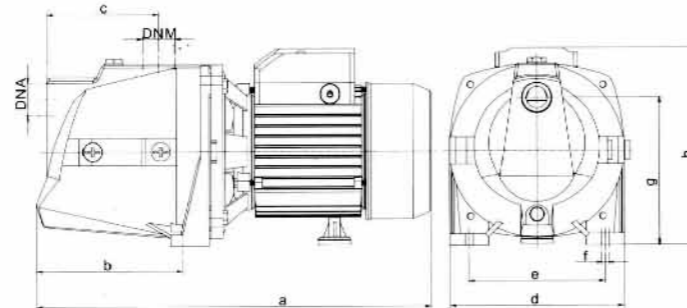
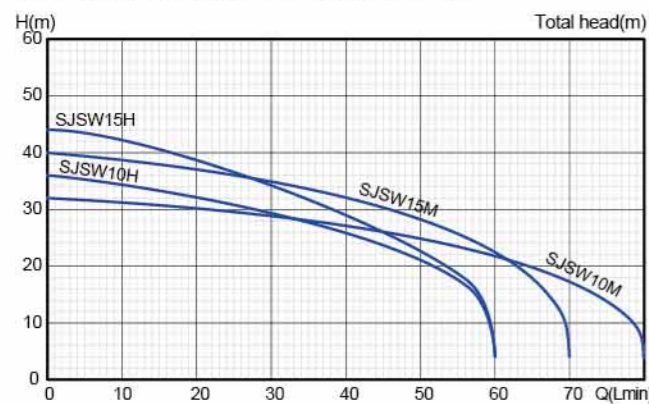
Pumps should be installed in a covered area, protected against the weather.

Construction features

- Pump Body: cast iron
- Motor Housing: aluminum
- Shaft: 45# steel/stainless steel
- Impeller: brass /stainless steel/PPO optional
- Motor: closed, externally ventilated
- Insulation Class: B/F
- Protection Class: IP44/IP54
- Duty: continuously rated
- Mechanical Seal: ceramic steatite/ metalized carbon

Operating limitations

- Max ambient temperature up to 40°C
- Max fluid temperature up to 80°C
- Max pressure up to 10 bar



SJSW

Model	HP	kW	DNA/DNM	Suct.Max m	Q.Max L/min	H.Max m	Q. L/min	H(m)								Weight Kg	
								0	10	20	30	40	50	60	70		80
SJSW10M	1	0.75	1" / 1"	9	80	31	H(m)	31	29	27	25	22	20	18	16	4	12.5
SJSW10H	0.75	0.55	1" / 1"	9	60	36		36	35	27	23	20	10	4	12.5		
SJSW15M	1	0.75	1" / 1"	9	70	40		40	36	33	30	24	22	20	4	15	
SJSW15H	1	0.75	1" / 1"	9	60	44		44	40	37	32	29	24	4	15		

Overall and mounting dimension

Model	Dimensions (mm)										Package Dimension		
	DNA	DNM	a	b	c	d	e	f	g	h	A	B	H
SJSW10H	1"	1"	410	148.5	114	185	150	8	153	210	420	205	235
SJSW15H	1"	1"	410	148.5	114	185	150	8	153	210	420	205	235
SJSW10M	1"	1"	410	148.5	114	185	150	8	153	210	420	205	235
SJSW15M	1"	1"	410	148.5	114	185	150	8	153	210	420	205	235

SDP series self-priming deep well pump

Applications and installation

The SDP pumps are regarded as one of the best pumps for deep well. In fact they consist of two pumps connected in series, one is ejector-pump and the other is centrifugal pump. The ejector pump is lowered in well and connected to the centrifugal pump body by two pipes. These pumps are suitable for pumping clean water and chemically non-aggressive fluids. They are extremely reliable, economical and simple to use widely applied in domestic applications and the automatic distribution of water from small and medium- sized surge tanks, forming an automatic booster systems to supply water. The most remarkable character is that they can be used to supply clean water from extremely deep well. To ensure adequate counter-pressure, it is always installed with a foot valve and a filter on the suction opening.

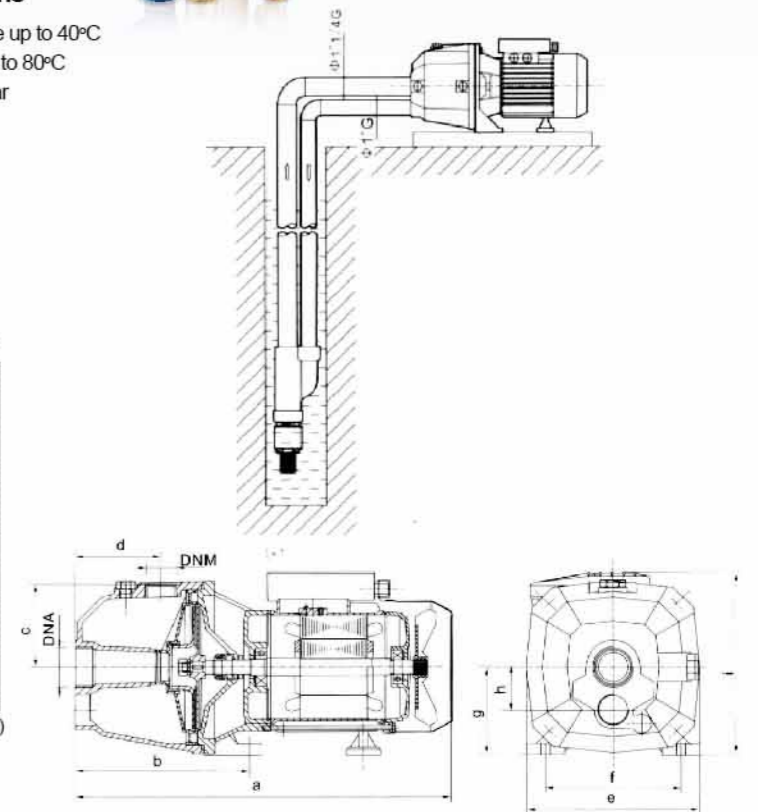
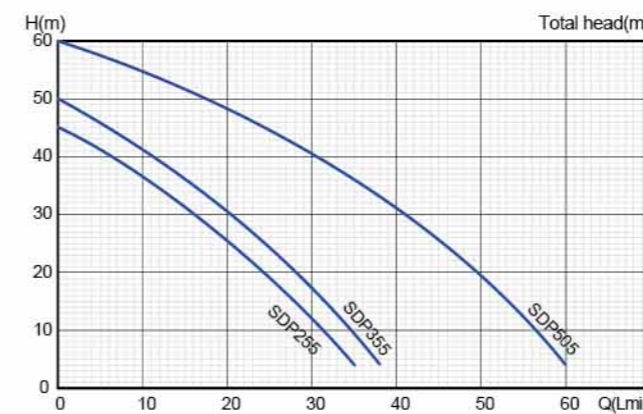
Pumps should be installed in a covered area, protected against the weather.

Construction features

- Pump Body: cast iron
- Motor Housing: aluminum
- Shaft: 45# steel/stainless steel
- Impeller: brass /PPO optional
- Motor: closed, externally ventilated
- Insulation Class: B/F
- Protection Class: IP44/IP54
- Duty: continuously rated
- Mechanical Seal: ceramic steatite/ metalized carbon

Operating limitations

- Max ambient temperature up to 40°C
- Max fluid temperature up to 80°C
- Max pressure up to 10 bar



SDP

Model	HP	kW	DNA/DNM	Suct.Max m	Q.Max L/min	H.Max m	Q. L/min	H(m)								Weight Kg
								0	10	20	30	35	38	50	55	
SDP255	0.75	0.55	1.25"/1" / 1"	15	35	45	H(m)	45	40	30	6	4	15			
SDP355	1	0.75	1.25"/1" / 1"	25	38	50		50	42	33	12	8	4	16		
SDP505	1.5	1.1	1.25"/1" / 1"	30	60	60		60	54	50	46	42	38	33	12	4

Overall and mounting dimension

Model	Dimensions (mm)										Package Dimension			
	DNA	DNM	a	b	c	d	e	f	g	h	i	A	B	H
SDP255	1.25" / 1"	1"	395	188	89	90	181	140	95	45	196	490	200	210
SDP355	1.25" / 1"	1"	395	188	89	90	181	140	95	45	196	490	200	210
SDP505	1.25" / 1"	1"	405	165	147	49.5	198	145	110	55	257	535	255	305

STPS series self-suction pump

Applications and installation

The STPS series are self-suction pumps, with peripheral impeller containing numerous radial blades in its edge, self-priming because of the particular design of the pump body which with a small tank, water is through outwards by centrifugal motion caused by the impeller. Then the water rotates with the impeller, generating high pressure. These pumps have a compact size and are very economical, finding the most different operating requirements such as: supply water from well, pool and so on, increase the water pressure in the pipe garden sprinkling or clean washing.

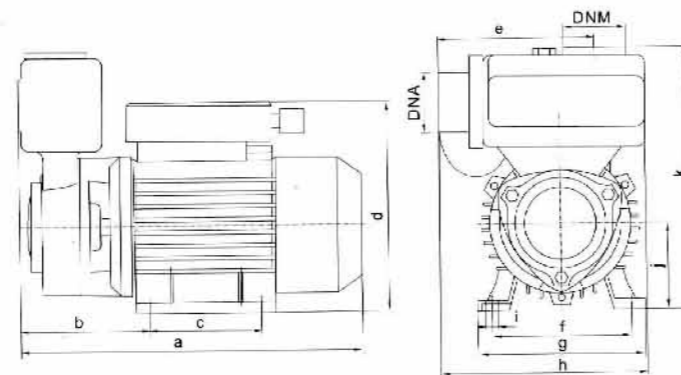
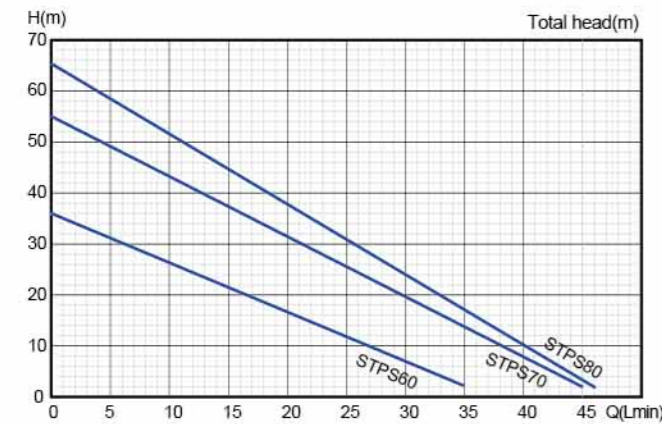
Pumps should be installed in a covered area, protected against the weather.

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

- Max ambient temperature up to 40°C
- Max fluid temperature up to 80°C
- Max pressure up to 10 bar



STPS

Model	HP	kW	DNA/DNM	Suct.Max m	Q.Max L/min	H.Max m	Q. L/min	0	10	15	20	25	30	35	40	45	46	Weight Kg
STPS60	0.5	0.37	1"/1"	9	35	36	H(m)	36	25	18	14	8	5	2				6.7
STPS70	0.75	0.55	1"/1"	9	45	55	H(m)	55	48	40	37	28	22	16	8	2		10.5
STPS80	1	0.75	1"/1"	9	46	65	H(m)	65	55	48	38	29	23	16	9	4	2	11.85

Overall and mounting dimension

Model	Dimensions (mm)													Package Dimension		
	DNA	DNM	a	b	c	d	e	f	g	h	i	j	k	A	B	H
STPS60	1"	1"	235	84	82	153	116	100	118	150	9	63	195	260	180	225
STPS70	1"	1"	276	100	90	172	113	112	134	175	9	71	213	295	200	235

SGP125Z series self-suction pump

Applications and installation

This cast iron auto-boosting household electric pump is well designed for home use, sprinkling and watering the garden, irrigation and garden applications, etc. The water pump can be used for pressurization of tap water pipes and apartment water pipes, water supply from the under ground or the open wells, farm field and courtyard irrigation, etc.

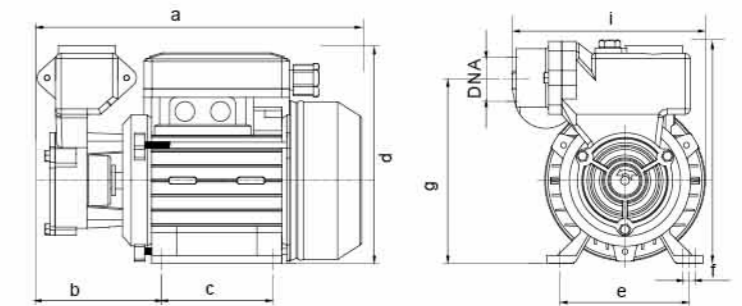
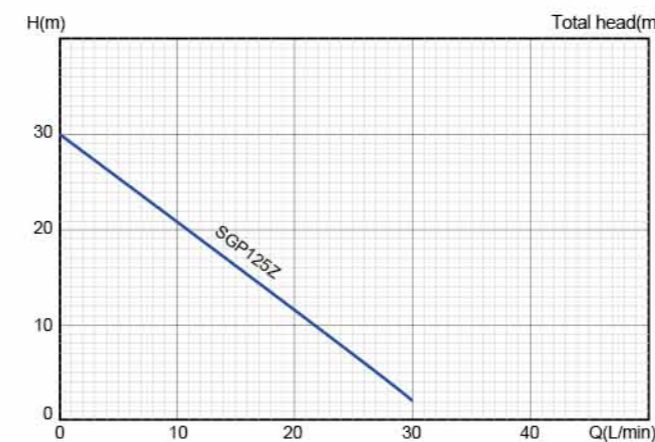
Pumps should be installed in a covered area, protected against the weather.

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

- Max ambient temperature up to 40°C
- Max fluid temperature up to 80°C
- Max pressure up to 10 bar



SGP125Z

Model	HP	kW	DNA/DNM	Suct.Max m	Q.Max L/min	H.Max m	Q. L/min	0	5	10	15	20	25	30	Weight Kg
SGP125Z	0.5	0.37	1"/1"	9	32	30	H(m)	30	26	21	16	11	6	2	6.3

Overall and mounting dimension

Model	Dimensions (mm)													Package Dimension		
	DNA	DNM	a	b	c	d	e	f	g	i	A	B	H			
SGP125Z	1"	1"	241	98	84.4	155	97.5	10	140	172	274	195	173			

Peripheral Pumps
Centrifugal Pumps
Self-priming Jet Pumps
Auto-boosting Pumps

Peripheral Pumps
Centrifugal Pumps
Self-priming Jet Pumps
Auto-boosting Pumps

AWZB series auto self-priming peripheral pump

Applications and installation

AWZB series Auto self-priming pump is a self-priming clean water pump, it is made of high quality mechanical seal assembly convenient installation, light weight, covers an area of less, less consumption, strong self-priming capacity, is a good household devices.

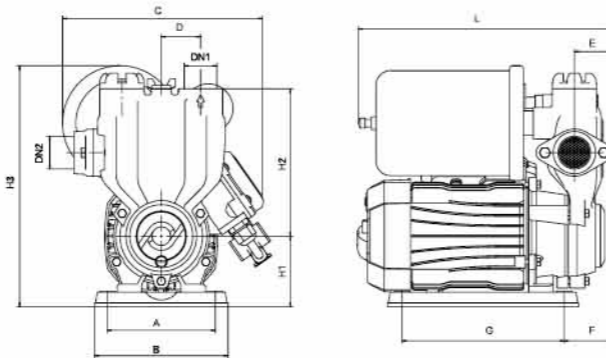
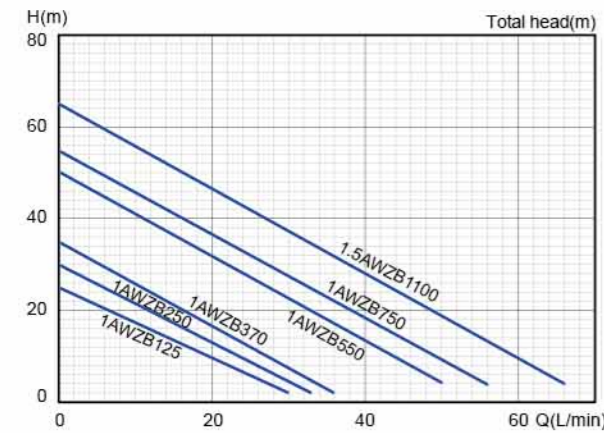
Pumps should be installed in a covered area, protected against the weather.

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

- Max ambient temperature up to 40°C
- Max fluid temperature up to 80°C
- Max pressure up to 10 bar



AWZB

Model	HP	KW	DN/DNM	Suct.Max m	Q.Max L/min	H.Max m	Q L/min	H(m)										Weight Kg			
								0	10	20	25	30	33	36	40	50	56		60	66	
1AWZB125	0.17	0.125	1" / 1"	9	30	25		25	17	10	6	2									8.48
1AWZB250	0.33	0.25	1" / 1"	9	33	30		30	22	13	9	5	2								8.61
1AWZB370	0.5	0.37	1" / 1"	9	36	35		35	26	17	12	7	5	2							9.26
1AWZB550	0.75	0.55	1" / 1"	9	50	50		50	41	32						13	4				12.25
1AWZB750	1	0.75	1" / 1"	9	56	55		55	46	36						18	10	4			13.87
1.5AWZB1100	1.5	1.1	1.5" / 1.5"	9	66	65		65	56	46						26	18		10	4	16.58

Overall and mounting dimension

Model	Dimensions (mm)										Package Dimension					
	DNA	DNM	a	b	c	d	e	f	g	L	H1	H2	H3	A	B	H
1AWZB125	1"	1"	110	136	204	46	39	49.5	165	259	72	150	245.5	295	230	305
1AWZB250	1"	1"	110	136	204	40	39	49.5	165	259	72	150	245.5	295	230	305
1AWZB370	1"	1"	110	136	204	40	39	49.5	165	259	72	150	245.5	295	230	305
1AWZB550	1"	1"	132	160	212	50	39	41.5	190	268	84	170	285	315	245	325
1AWZB750	1"	1"	132	160	212	50	39	41.5	190	268	84	170	285	315	245	325

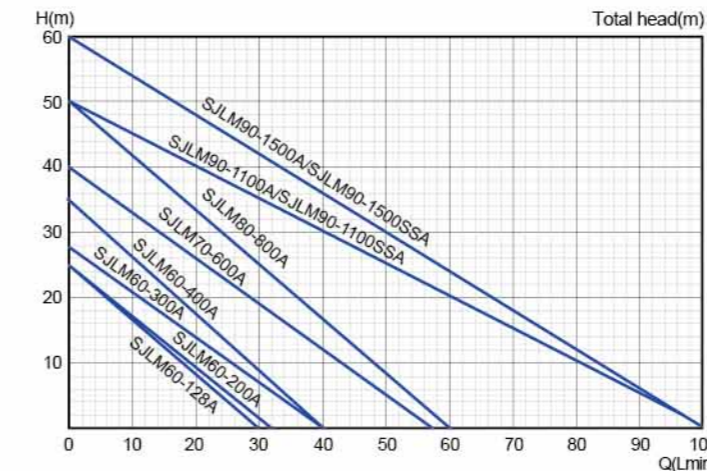
SJLM series auto self-priming peripheral pump

Application

SJLM series is the auto cold water and hot water turbine self absorbing pump newly designed by the company. The series of electric pumps is widely used in living water taking from bottom of wells, pressuring of tap water, pressuring of hot water pipes and watering for gardening and vegetables.

Product Feature

Streamline appearance design and strong dynamic glamour. Good hydraulic design and reasonable structure configuration make the products have higher efficiency, more stable operation, less noise, quieter operation and shorter self absorbing time compared with products made by other companies in the industry. The structure is compact and reasonable. The machine and pump are in integration. It has large volume and small weight. Electrophoresis treatment of water tanks, 304 stainless welded shaft, silicone rubber ring, stronger anti-corrosion, more environment-friendly feature, longer service life.



SJLM

Model	Power W	DN/DNM	Suct.Max m	Q.max. (L/min)	H.max. (m)	Q (L/min)	H(m)										Weight kg					
							0	5	10	15	20	25	30	35	40	45		50	55	60	90	95
SJLM60-128A	128	1" / 1"	8	30	25		25	21	16	11	7	3	0								9.3	
SJLM60-200A	200	1" / 1"	8	35	25		25	17	13	10	7	4	1.5	0							9.8	
SJLM60-300A	300	1" / 1"	8	35	30		30	21	18	14	11	7.5	3	0							10	
SJLM60-400A	400	1" / 1"	8	40	35		35	31	26	22	18	13	9	4	0						10.5	
SJLM70-600A	600	1" / 1"	8	55	40		40	39	34	28	22	17	13	9	6	3.5	2	0			13.5	
SJLM80-800A	800	1" / 1"	8	60	45		45	45	40	35	31	27	22	19	13	9	5	2	0		14.5	
SJLM90-1100A	1100	1.5" / 1.5"	8	95	50		50	45	42	38	35	32	29	27	24	21	19	16	14	2	1	19
SJLM90-1500A	1500	1.5" / 1.5"	8	100	60		60	62	59	56	53	50	47	44	41	39	37	33	29	10	6	20
SJLM90-1100SSA	1100	1.5" / 1.5"	8	95	50		50	45	42	38	35	32	29	27	24	21	19	16	14	2	1	19
SJLM90-1500SSA	1500	1.5" / 1.5"	8	100	60		60	62	59	56	53	50	47	44	41	39	37	33	29	10	6	20

Construction Features

- Pump body: cast iron
- Motor housing: cast iron
- Bearing: C&U
- Impeller: brass
- Duty: continuously rated
- Tank: 2L/24L

Auto-boosting Pumps

Fully Auto Water Pump System

Single phase electric clean water pump is the perfect household electric pump.

As a domestic household pump, it is designed for transfer or moving water from one place to another. This electric pump is well designed for home use, sprinkling and watering the garden, irrigation and other applications etc.

The water pump can be used for pressurization of tap water pipes and apartment water pipes, water supply from the under ground or the open wells, farm field and courtyard irrigation.

The automatic water pump electronic controller built in check valve, pressure gauge, water follow sensor, pressure switch, pressure vessel.

The electronic controller orders the automatic start and stop of the water pump when opening or closing any tap or valve of the system. The controller can keep constant pressure and water flow in the system as long as any tap in the system is opening during the pumps operation.

Function:

The product is designed especially for all control operation of automatic water pump. If the particular breakdown occurs, such as water failure, obstruction of the suction pipe etc, the product recognizes the breakdown and the red light " Failure " lights up, at the same time a stop signal is sent to the pump to prevent damages caused by the absence of water. Rectification of the failures that have caused the blockage, allows the system to be restarted by pressing the " Restart " button after fill water at water pump priming port.

The controller can ensure a constant pressure for the water supplying system and thus reduce the water hammer effect inside pipeline during water delivering. The controller also possesses the features of reset after power failure. Its starting flow is about 30-60L/min and is convenient for home application.





Stream®

Domestic Surface Pumps

44
45

AUTOSJET L TYPE

Model
AUTOSJET-60/60B/60L/60S: 0.5HP
AUTOSJET-80/80B/80L/80S: 0.75HP
AUTOSJET-100/100B/100L/100S: 1HP

Accessory
Tank: 24L (Stainless steel tank optional)
Flexible hose: 1"/1"
Pressure Switch: ON: 1.8 Bar, OFF: 2.8 Bar
Pressure Gauge: 6 Bar (100PSI)
Brass Connector: 5 way
Cable: 1.0 meter (On Request)

Operating Limits
Liquid temperature up to 60°C
Maximum ambient temperature 40°C



SJETL

SJET

SJETB

AUTOSJET S TYPE

Model
AUTOSJET-60/60B/60L/60S: 0.5HP
AUTOSJET-80/80B/80L/80S: 0.75HP
AUTOSJET-100/100B/100L/100S: 1HP

Accessory
Tank: 24L (Stainless steel tank optional)
Flexible hose: 1/2"/1/2"
Pressure Switch: ON: 1.8 Bar, OFF: 2.8 Bar
Pressure Gauge: 6 Bar (100PSI)
Cable: 1.0 meter (On Request)

Operating Limits
Liquid temperature up to 60°C
Maximum ambient temperature 40°C



SJETL

SJET

SJETS

AUTOSDP

Model
AUTOSDP255: 0.75HP
AUTOSDP355: 1HP
AUTOSDP505: 1.5HP

Accessory
Tank: 19L/24L (Stainless steel tank optional)
Pressure Switch: ON: 1.8 Bar, OFF: 2.8 Bar
Pressure Gauge: 6 Bar (100PSI)
Brass Connector: 3 way
Cable: 1.0 meter (On Request)

Operating Limits
Liquid temperature up to 60°C
Maximum ambient temperature 40°C



AUTOSW130

Model
AUTOSW130: 0.3HP

Accessory
Pressure Switch PS - 3A
Pressure Gauge: 6 Bar (100PSI)
Pressure ON: 1.4 Bar
Pressure OFF: 2.6 Bar
Tank: 2L
Cable: 1.0 meter (On Request)

Operating Limits
Liquid temperature up to 60°C
Maximum ambient temperature 40°C



AUTOSGP125Z

Model
AUTOSGP125Z: 0.5HP

Accessory
Pressure Gauge: 6 Bar (100PSI)
Cable: 1.0 meters (On Request)

Operating Limits
Liquid temperature up to 60°C
Maximum ambient temperature 40°C



Peripheral Pumps

Centrifugal Pumps

Self-priming Jet Pumps

Auto-boosting Pumps

Peripheral Pumps

Centrifugal Pumps

Self-priming Jet Pumps

Auto-boosting Pumps



AUTOSQB

Model
AUTOSQB-60: 0.5HP
AUTOSQB-70: 0.75HP
AUTOSQB-80: 1.0HP

Accessory
 Tank: 24L (Stainless steel tank optional)
 Flexible Hose: 1" / 1"
 Pressure Switch: ON: 1.1 Bar, OFF: 1.8 Bar
 Pressure Gauge: 6 Bar (100PSI)
 Brass Connector: 5 way
 Cable: 1.0 meters (On Request)

Operating Limits
 Liquid temperature up to 60°C
 Maximum ambient temperature 40°C



AUTOSJETS

Model
AUTOJETS-60: 0.5HP
AUTOJETS-80: 0.75HP
AUTOJETS-100: 1.0HP

Accessory
 Tank: 24L S.S
 Flexible Hose: 1" / 1"
 Pressure Switch: ON: 1.8 Bar, OFF: 2.8 Bar
 Pressure Gauge: 6 Bar (100PSI)
 Brass Connector: 3 Way
 Cable: 1.0 meter (On Request)

Operating Limits
 Liquid temperature up to 60°C
 Maximum ambient temperature 40°C



AUTOSCPM

Model
AUTOSCPM128: 0.5HP
AUTOSCPM146: 0.75HP
AUTOSCPM158: 1.0HP

Accessory
 Tank: 24L/50L (Stainless steel tank optional)
 Flexible Hose: 1" / 1"
 Pressure Switch: ON: 1.4 Bar, OFF: 2.6 Bar
 Pressure Gauge: 6 Bar (100PSI)
 Brass Connector: 5 Way
 Cable: 1.0 meter (On Request)

Operating Limits
 Liquid temperature up to 60°C
 Maximum ambient temperature 40°C



AUTO-SC90M

Model
AUTOSC90M-1.1: 1.5HP
AUTOSC90M-1.6: 2.2HP
AUTOSC90M-2.2: 3HP

Accessory
 Tank: 24L/36L (Stainless steel tank optional)
 Flexible hose: 1"
 Pressure switch: ON: 1.8 Bar, OFF: 2.8 Bar
 Pressure Gauge: 6 Bar (100PSI)
 Cable: 1.0 meter (On Request)

Operating Limits
 Liquid temperature up to 60°C
 Maximum ambient temperature 40°C



AUTOSJSW

Model
AUTOSJSW-10H: 0.75HP
AUTOSJSW-15H: 1.0HP
AUTOSJSW-10M: 0.75HP
AUTOSJSW-15M: 1.0HP

Accessory
 Tank: 24L
 Flexible Hose: 1" / 1"
 Pressure Switch: ON: 1.8 Bar, OFF: 2.8 Bar
 Pressure Gauge: 6 Bar (100PSI)
 Cable: 1 Meters (On Request)

Operating Limits
 Liquid temperature up to 60°C
 Maximum ambient temperature 40°C



AUTOPS

Model
SJET100B-PS: 1.0HP
SCP100-PS: 1.0HP
SQB60-PS: 0.5HP

Accessory
 Pressure Control: PS-01A
 Pressure Gauge: 6 Bar (100PSI)
 Cable: 1.0 meter (On Request)

Operating Limits
 Liquid temperature up to 60°C
 Maximum ambient temperature 40°C



Pressure Controller



PS-01

- The pressure controller completely replaces traditional pump control system composed of pressure switch, pressure tank and check valve, etc.
- Stop the water in case of water shortage
- Automatic reset after stop caused by dry running standard time-interval 60min/test
- Adjustable pressure

Model	Starting Pressure	Max Allowable Pressure	Rated Voltage	Frequency	Current	Connections	Protection
PS-01	1.2bar 1.5bar 2.2bar	10bar	110v-120v 220v-240v	50/60Hz	10A	G1" male	IP65



PS-01A

PS-01B

PS-01C

PS-01D

PS-01E

Model	Starting Pressure	Max Allowable Pressure	Rated Voltage	Frequency	Current	Connections	Protection
PS-01A	1.5bar 2.2bar	10bar	100v-120v 220v-240v	50/60Hz	10A	G1" male	IP65
PS-01B	1.5bar 2.2bar	10bar	100v-120v 220v-240v	50/60Hz	10A	inlet G1"male, outlet G1"female	IP65
PS-01C	1.5bar 2.2bar	10bar	100v-120v 220v-240v	50/60Hz	10A	inlet G1"male, outlet G1"female	IP65
PS-01D	1.5~3.0bar	10bar	100v-120v 220v-240v	50/60Hz	10A	G1" male	IP65
PS-01E	1.5bar 2.2bar	10bar	100v-120v 220v-240v	50/60Hz	10A	G1" male	IP65



PS-02A

PS-02B

PS-02C

PS-02D

PS-02E

PS-02F

PS-02G

Model	Pressure Range	Pressure Setting	Rated Voltage	Frequency	Current	Connections	Protection
PS-02A	1.4-6.9bar	1.4-2.8bar 3.4-4.1bar 4.1-5.5bar	2.1-3.4bar 3.4-4.8bar 4.8-6.9bar	120V-240V	50/60Hz	12A	1/4"Male &Female IP20
PS-02B	1.4-12.1bar	1.4-2.8bar 6.6-8.6bar 9.3-12.1bar	2.1-3.4bar 8.3-8.6bar	120V-240V	50/60Hz	12A	1/4"Male &Female IP20
PS-02C	0.1-2.0bar	0.15-0.95bar		120V-240V	50/60Hz	16(10)A	1/4"Male &Female IP54
PS-02D	1.4-6.9bar	1.4-2.8bar 3.4-4.1bar 4.1-5.5bar	2.1-3.4bar 3.4-4.8bar 4.8-6.9bar	120V-240V	50/60Hz	12A	1/4"Male &Female IP20
PS-02E	1.4-6.9bar	1.4-2.8bar 3.4-4.1bar 4.1-5.5bar	2.1-3.4bar 3.4-4.8bar 4.8-6.9bar	110v-240v	50/60Hz	12A	1/4"Male &Female IP20
PS-02F	1.0-5.5bar	1.0-2.4bar 2.1-3.4bar 3.4-5.5bar 8.3-10.3bar	1.4-2.8bar 2.8-4.1bar 6.6-8.6bar 9.3-12.1bar	110v-240v	50/60Hz	16(10)A	1/4"Male &Female IP54
PS-02G	1.4-5.5bar	1.0-2.4bar 2.1-3.4bar 3.4-5.5bar	1.4-2.8bar 2.8-4.1bar	110v-240v	50/60Hz	16(10)A	1/4"Male &Female IP54

Model	Pressure Range	Rated Voltage	Frequency	Current	Connections	Protection
PS-03A	0.5-3bar	1.0-1.7bar 1.4-2.2bar	1.1-1.8bar 2.2-3.0bar	50/60Hz	5A	1/4"&3/8" Male & Female IP20
PS-03B	0.5-3bar	1.0-1.7bar 1.4-2.2bar	1.1-1.8bar 2.2-3.0bar	110v-240v	5A	1/4"&3/8" Male & Female IP20



PS-03A

PS-03B

Model	Pressure Range	Pressure Setting	Rated Voltage	Frequency	Current	Connections	Protection
PS-04A	20-100psi	1.4-2.8bar 3.4-4.1bar 4.1-5.5bar	2.1-3.4bar 3.4-4.8bar 4.8-6.9bar	120v-240v	50/60Hz	12A	1/4"&3/8" Male &Female IP20
PS-04B	15-80psi	1.0-2.4bar 2.1-3.4bar 3.4-5.5bar	1.4-2.8bar 2.8-4.1bar	110v-240v	50/60Hz	16(10)A	1/4"Male &Female IP54



PS-04B

PS-04A

Pump Accessories



Model	Starting Pressure	Max Allowable Pressure	Rated Voltage	Frequency	Current	Connections	Protection
PS-05A	1.2bar 1.5bar 2.2bar	10bar	100-120V 2HP 220V-240V 3HP	50/60Hz	30(16)A	G1" male	IP65
PS-05B	1.5bar 2.2bar	10bar	100-120V 220V-240V	50/60Hz	10A	G1" male	IP65
PS-05C	1.5bar 2.2bar	10bar	100-120V 220V-240V	50/60Hz	10A	G1" male	IP65
PS-05D	1.5bar 2.2bar	10bar	100-120V 220V-240V	50/60Hz	10A	G1" male	IP65

Model	Starting Pressure	Stopping Pressure	Min Differential Pressure	Max Differential Pressure	Max Rated Current	Max Allowable Pressure	Rated Voltage	Frequency	Protection
PS-06	0-6bar	2-10bar	1bar	7bar	10A	10bar	100-120V 220V-240V	50/60Hz	IP65



PS-06



PS-15

Model	Starting Pressure	Max Allowable Pressure	Rated Voltage	Frequency	Current	Connections	Protection
PS-15	1.0-3.5bar	10bar	100-120V 220V-240V	50/60Hz	10A	G1" male	IP65

Float Switch

Model	Voltage	Current	Ambient Temperature
FLO-1	220-240V	8A	0-80°C
FLO-2	220-240V	8A	0-80°C



FLO

Running Capacitor With Round Shape

Model	Capacity	Voltage	Frequency
RC-8	8UF	250V/450V	50/60Hz
RC-10	10UF	250V/450V	50/60Hz
RC-12.5	12.5UF	250V/450V	50/60Hz
RC-20	20UF	250V/450V	50/60Hz
RC-25	25UF	250V/450V	50/60Hz
RC-30	30UF	250V/450V	50/60Hz
RC-40	40UF	250V/450V	50/60Hz
RC-50	50UF	250V/450V	50/60Hz
RC-60	60UF	250V/450V	50/60Hz



RC

Pressure Gauge

Model	Size	Material of the shell	Connection type	Scale
PG-P40	40mm	Plastic	G1/411 or M10X1	0-6bar
PG-P50	50mm	Plastic	G1/411 or M10X1	0-10bar/0-6bar
PG-SS40	40mm	Stainless steel	G1/411 or M10X1	0-6bar
PG-SS50	50mm	Stainless steel	G1/411 or M10X1	0-10bar/0-6bar
PG-S40	40mm	steel	G1/411 or M10X1	0-6bar
PG-S50	50mm	steel	G1/411 or M10X1	0-10bar/0-6bar



PG

Mechanical Seal

Model	Shaft Dia
MS301-12	12mm
MS301-14	14mm
MS155-15	15mm
MS155-17	17mm
MS155-20	20mm
MS155-22	22mm
MS155-24	24mm



MS

Graphite to cermic or graphite to SiC
stainless steel spring and cover

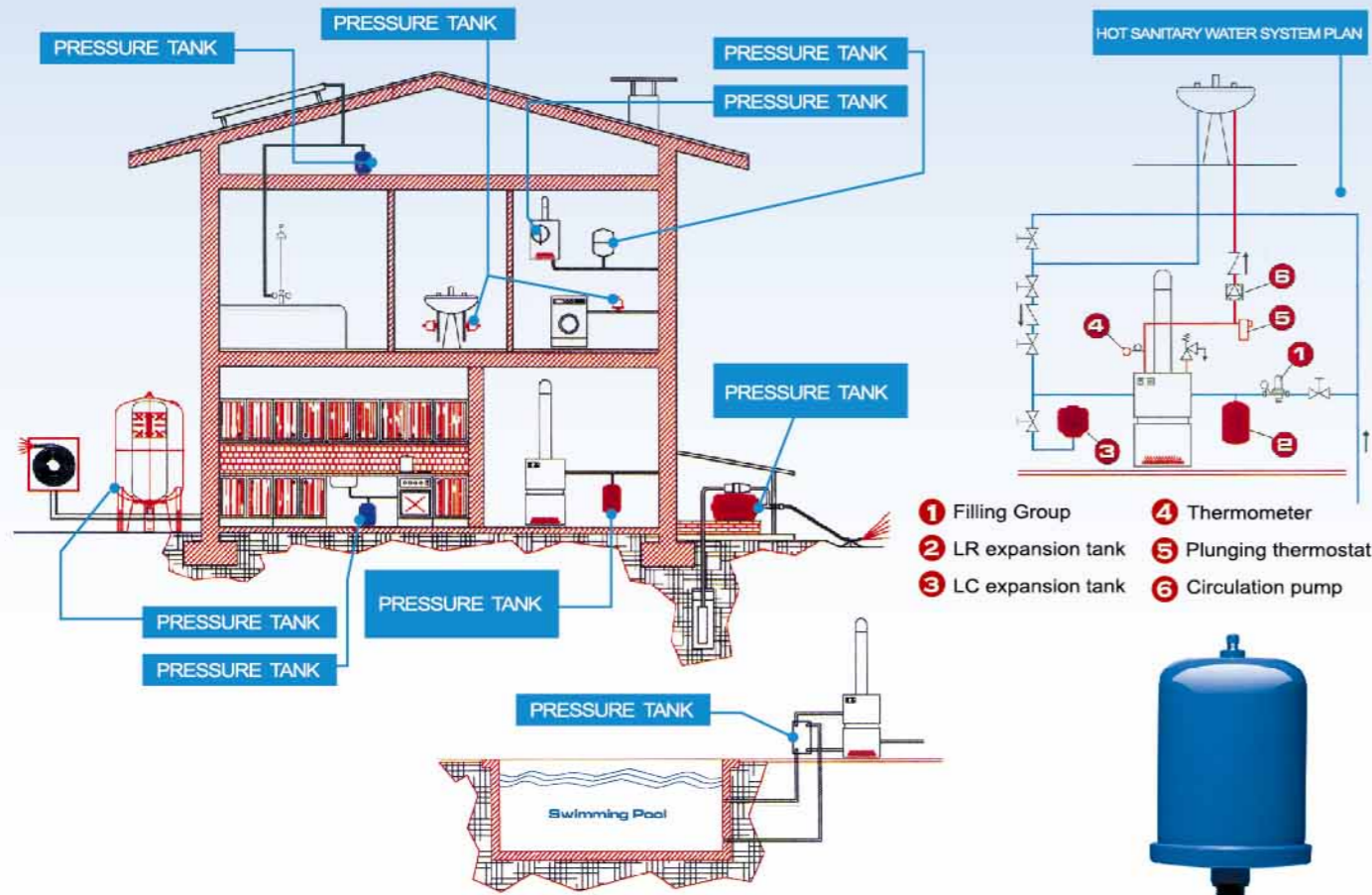
Anti Vibration Flexible Hose With Elbow

Model	Connection	Length
FH50	1" x 1"	50cm
FH60	1" x 1"	60cm
FH100	1" x 1"	100cm



FH

Pressure Tank



- 1 Filling Group
- 2 LR expansion tank
- 3 LC expansion tank
- 4 Thermometer
- 5 Plunging thermostat
- 6 Circulation pump

Capacity L Carbon Steel	Type	Thickness (mm)	Demension (mm)	Packaged vol (mm)	G.W. (KG)	N.W. (KG)
500L	Vertical	1.5	Φ650 x 1650	650 x 650 x 1820	46	41.2
400L	Vertical	1.5	Φ650 x 1300	650 x 650 x 1470	45	40.2
300L	Vertical	1.5	Φ650 x 1150	650 x 650 x 1205	38	32.4
200L	Vertical	1.5	Φ650 x 950	650 x 650 x 980	25.8	22.4
150L	Vertical	1.5	Φ450 x 1000	460 x 460 x 1140	19.2	13.4
100L	Vertical	1.2	Φ450 x 760	770 x 440 x 440	13.2	11.5
	Horizontal	1.2	Φ450 x 690	690 x 440 x 470	13.2	11.6
80L	Vertical	1.2	Φ450 x 680	690 x 440 x 440	12.3	10.4
	Horizontal	1.2	Φ450 x 610	620 x 440 x 470	12.3	10.5
60L	Vertical	1.2	Φ450 x 550	560 x 440 x 440	9.2	8.4
	Horizontal	1.2	Φ450 x 480	490 x 440 x 480	8.8	8
50L	Vertical	1.0	Φ350 x 640	650 x 340 x 340	8.1	7.4
	Horizontal	1.0	Φ350 x 540	540 x 340 x 370	7.9	7.2
36L	Vertical	1.0	Φ350 x 560	570 x 340 x 340	6.3	5.7
	Horizontal	1.0	Φ350 x 450	450 x 340 x 370	6.1	5.4
	Vertical	1.0	Φ265 x 440	260 x 260 x 450	4.5	3.6
24L	Spherical	1.0	Φ340 x 340	340 x 340 x 350	4.5	3.6
	Flat	1.0	Φ340 x 310	330 x 330 x 310	4.5	3.6
	Horizontal	1.0	Φ265 x 440	290 x 260 x 450	5.3	4.5
19L	Vertical	1.0	Φ265 x 390	260 x 260 x 390	3.5	3.2
	Horizontal	1.0	Φ265 x 390	260 x 290 x 390	4.4	4
12L	Vertical	1.0	Φ265 x 290	260 x 260 x 290	3.3	2.8
8L	Horizontal	1.0	Φ310 x 200	320 x 200 x 220	2.2	2
8L	Vertical	1.0	Φ200 x 310	190 x 190 x 320	2	1.8
5L	Vertical	1.0	Φ150 x 310	150 x 150 x 320	2.3	1.2
2L	Vertical	1.0	Φ115 x 195	115 x 115 x 190	1.5	0.9



Capacity L S.S	Type	Thickness (mm)	Demension (mm)	Packaged vol (mm)
100L	vertical	1.0 1.2	Φ450 x 790	450 x 450 x 790
	horizontal	1.0 1.2	Φ450 x 720	450 x 470 x 680
80L	vertical	1.0 1.2	Φ450 x 710	450 x 450 x 710
	horizontal	1.0 1.2	Φ450 x 630	440 x 470 x 620
60L	vertical	1.0 1.2	Φ450 x 570	440 x 440 x 560
	horizontal	1.0 1.2	Φ450 x 490	440 x 480 x 490
50L	vertical	1.0 0.8	Φ350 x 670	340 x 340 x 650
	horizontal	1.0 0.8	Φ350 x 560	340 x 370 x 540
36L	vertical	1.0 0.8	Φ350 x 540	340 x 370 x 560
	horizontal	1.0 0.8	Φ350 x 450	340 x 370 x 450
24L	vertical	1.0 1.2	Φ260 x 430	260 x 260 x 430
	horizontal	1.0 0.8	Φ255 x 450	260 x 290 x 430
19L	vertical	1.0 0.8	Φ265 x 410	260 x 260 x 390
	horizontal	1.0 0.8	Φ265 x 410	265 x 290 x 390
12L	vertical	1.0 0.8	Φ265 x 290	260 x 260 x 290
8L	vertical	0.8	Φ200 x 310	190 x 190 x 320
5L	vertical	0.8	Φ150 x 290	150 x 150 x 320



Spare Membranes

-10 to +99°C

Copacita l./Capacity l.	Articolo / Item	
	Butyl	Epdm
5	SV 42008	SV 4805
8	SV 42008	SV 4808
12	SV 42010	SV 4800
19	SV 42019	SV 48019
24	SV 42019	SV 48024
25	SV 42035	SV 48025
40	SV 42020	SV 48020
50	SV 42050	SV 48050
60	SV 42080	SV 48050
80	SV 42080	SV 48080
100	SV42080	SV 48080
200	SV42200	SV 48200
300	SV42300	SV 48200
500	SV42500	



Valves & Connectors

FV Foot Valves

Model	Connection
FV-B2005	1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4"
FV-B2006	3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4"
FV-B2007	3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4"
FV-B2008	1"



Check Valves

Model	Connection
CV-B2001	3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4"
CV-B2002	3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4"
CV-B2003	3/8", 1", 1-1/4", 1-1/2", 2", 2-1/2", 3", 4"



3-WAY Connectors

Model	Connection
R3-B3170	1" X (70-72)mm 170g
R3-B3180	1" X (80-82)mm 180g
R3-B3200	1" X (70-72)mm 200g



4-WAY Connectors

Model	Connection
R4-B4190	1" X (80-82)mm 190g
R4-B4200	1" X 100 mm 200g



5-WAY Connectors

Model	Connection
R5-B5170	1" X (70-72)mm 170g
R5-B5175	1" X (75-77)mm 175g
R5-B5175	1" X (75-77)mm 175g
R5-B5190	1" X (80-82)mm 190g
R5-B5210	1" X (70-72)mm 210g
R5-B5190A	1" X (80-82)mm 190g
R5-B5200	1" X 91mm 200g/245g
R5-B5260	1" X (110-120)mm 260g
R5-B5260A	1" X 110mm 260g
R5-B5280A	1-1/4" X 80mm 280g
R5-B5208	1" X 80mm 200g
R5-B5366	1" X 80mm 366g



Grandezze Geometriche

Geometrical Units - Grandeurs Geometriques



4003	Heather violet	5026	Pearl night blue	6018	Yellow green	1002	Sand yellow	9022	Pearl light grey
4011	Pearl violet	5022	Night blue	6017	May green	1026	Luminous yellow	9007	Grey aluminium
4006	Traffic purple	5013	Cobalt blue	6010	Grass green	1023	Traffic yellow	9006	White aluminium
4008	Signal violet	5002	Ultramarine blue	6001	Emerald green	1018	Zinc yellow	7004	Signal grey
3024	Luminous red	5012	Light blue	6002	Leaf green	1016	Sulphur yellow	7040	Window grey
3018	Strawberry red	5015	Sky blue	6016	Turquoise green	1028	Melon yellow	7042	Traffic grey
3031	Orient red	5017	Traffic blue	6026	Opal green	1007	Daffodil yellow	7011	Iron grey
3027	Raspberry red	5005	Signal blue	6029	Mint green	2000	Yellow orange	7031	Blue grey
3020	Traffic red	5010	Gentian blue	6032	Signal green	2007	Luminous orange	7021	Black grey
3013	Tomato red	5009	Azure blue	6024	Traffic green	2011	Deep orange	9004	Signal black
3000	Flame red	5003	Sapphire blue	6035	Pearl green	2010	Signal orange	9005	Jet black
3001	Signal red	5001	Green blue	6005	Moss green	2009	Traffic orange	9011	Graphite black
3011	Brown red	5000	Violet blue	5021	Water blue	8023	Orange brown	9017	Traffic black

Volume

Volume

Unita - unit - unite	mm ²	cm ²	m ²	cu. in.	cu. ft.	cu. yd.
Millimetro cubo	1	0.001	-	0.000061	-	-
Cubic millimeter						
Millimetre cube						
Centimetro cubo	10000	1	-	0.061024	-	-
Cubic centimeter						
Centimetre cube						
Metro cubo	-	1000000	1	61024	35.315	1.308
Cubic meter						
Metre cube						
Cubic inch(pollice cubico) ..	16390	16.39	-	1	0.00058	0.000021
Cubic inch						
Cubic inch(pouce cube)						
Cubic foot(piede cubico)	-	28300	0.0283	1728	1	0.037
Cubic foot						
Cubic foot(pied cube)						
Cubic yard(yarda cubica) ..	-	764552	0.764552	46656	27	1
Cubic yard						
Cubic yard(pied cube)						

Misure Di Capacita Straniere Comparate Allitro

Foreigndry liquid measures ascompared with the liter
Mesures de capacite entrangeres comparees au litre

Unita - Unit - Unite	Ragguaglio Comparison Correction	Unita Unit Unite	Ragguaglio Comparison Correction
Imperial fluid ounce	0.0284 litri	litro	35.2 Imp. ft. oz.
(oncia ingl. Per liquidi)	liters	liter	
Imperial fluid ounce	litres	litre	
(once anglaise pour liquides)			
U.S. fluid ounce	0.0295 litri	litro	33.81 U.S. ft. oz.
(oncia amer. Per liquidi)	liters	liter	
U.S. fluid ounce	litres	litre	
(once anglaise pour liquides)			
Imperial pint	0.568 litri	litro	1.76 Imp. pint.
(pinta inglese)	liters	liter	
Imperial pint	litres	litre	
(Pinte anglaise)			
U.S. gallon	3.785 litri	litro	0.2642 U.S. gal.
(gallone americano)	liters	liter	
U.S. gallon	litres	litre	
(gallon americane)			
Imperial gallon	4.546 litri	litro	0.22 Imp. gal.
(gallone inglese)	liters	liter	
Imperial gallon	litres	litre	
(gallon anglais)			
U.S. bushel	35.24 litri	litro	0.0284 U.S. bu.
(Stajo americano)	liters	liter	
U.S. bushel	litres	litre	
(buisseau americain)			
Imperial bushel	36.35 litri	litro	0.0275 Imp. bu.
(Stajo inglese)	liters	liter	
Imperial bushel	litres	litre	
(buisseau anglais)			
U.S. barrel	119.22 litri	litro	0.0083 U.S. bbl.
(barile americano)	liters	liter	
U.S. barrel	litres	litre	
(baril americain)			
Imperial barrel	163.65 litri	litro	0.00611 Imp. Bbl.
(barile inglese)	liters	liter	
Imperial barrel	litres	litre	
(baril anglais)			

Cenni Sulle Pompe Centrifughe

Hints on centrifugal pumps
Notices sur les pompes centrifuges

Calcolo della potenza assorbita pa(noti):
Calculation of absorbed power pa(knowing):
Calcul de la puissance absorbee pa:

Q - portata in l/s
Q - capacity l/s
Q - debit en litres/s

H - preval. man. tot. in m
H - Total Manometric Head in m
H - hauteur manometrique tot. en m

- rendimento
- Efficiency
- rendement

- densita in Kg/dm²
- Density in Kg/dm²
- densite en Kg/dm²

$$Pa = \frac{Q \cdot H}{102} \text{ [kw]}$$

Calcolo del rendimento (noti):
Calculation of efficiency (knowing):
Calcul du rendement:

Q - portata in l/s
Q - capacity l/s
Q - debit en litres/s

H - preval. man. tot. in m
H - Total Manometric Head in m
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Pa - potenza assorbita in kw
Pa - Absorbed power in kw
Pa - puissance absorbee en kw

- densita in Kg/dm²
- Density in Kg/dm²
- densite en Kg/dm²

$$= \frac{Q \cdot H}{102 \cdot Pa}$$

Curve di funzionamento:
performance curves:
Courbes de fonctionnement:

Fra le curve di funzionamento di unapompa centrifuga a varie velocita.purchenon intervengano fenomeni di cavitazione, sussiste la legge di affinita che possiamo cosi praticamente esprimere:
le curve Q-H e Q-Pa an. giri si cambiano in Q1-H1 e Q1-Pa1 a n1 giri.Secondo:

Provided no cavitation occurs, the performance curves of avariable-speed centrifugal pump are subject to the affinity law which we can practically state as follows:Curves Q-Hand Q-Natn. revolutions change to Q1- H1 and Q1- N1 atn1 revolutions accoringto:
Entre les courbes de fonctionnement d1 unepompe centrifuge a differentes vitesses, a condition que n1 intervient pas desque nous indiquons comme suit: les courbes Q-Het Q-Paan. Tours.changenten Q1 -H1 et Q1 -Pa1 a n. Tours. Selon:

$$Q' = \left(\frac{n'}{n}\right) \cdot Q \quad H' = \left(\frac{n'}{n}\right)^2 \cdot H$$

$$PA' = \left(\frac{n'}{n}\right)^2 \cdot PA$$

Lunghezza Length - Longueur

Unita - Unit - Unite	mm	cm	dm	m	km	in	ft	yd	Stat. Mile	Naut. Mile
Millimetro	1	0.1	0.01	0.001	-	0.03937	0.003281	0.001093	-	-
Millimeter										
Millimetre										
Centimetro	10	1	0.1	0.01	0.00001	0.3937	0.03281	0.010936	-	-
Centimeter										
Centimetre										
Dentimetro	100	10	1	0.1	0.0001	3.937	0.3281	0.10936	-	-
Dentimeter										
Decimetre										
Metro	1000	100	10	1	0.001	39.37	3.281	1.0936	0.000621	0.000539
Meter										
Metre										
Chilometro	1000000	100000	10000	1000	1	39370	3281	1093.6	0.62137	0.5396
Kilometer										
Kilometre										
Inch(pollice)	25.4	2.54	0.254	0.0254	0.000025	1	0.0833	0.0277	-	-
Inch										
Inch(pouce)										
Foot(piede)	304.8	30.48	3.048	0.3048	0.000304	12	1	0.333	-	-
Foot										
Foot(pied)										
Yard(yarda)	914.4	91.44	9.144	0.9144	0.000914	36	3	1	0.000567	0.000493
Yard										
Yard(yard)										
Statute mile(miglio terr)	1609300	160930	16093	1609.3	1.6093	63360	5280	1760	1	0.869
Statute mile										
Statute mile(mille terrestre) ..										
Nautical mile(miglio mar)	1853180	185318	18531.8	1853.18	1.85318	72960	6080	2027	1.152	1
Nautical mile										
Nautical mile(mille marin)										

Superficie Square Measure - Superficie

Unita - Unit - Unite	cm ²	m ²	ha	km ²	sq. in.	sq. ft.	sq. yd.	sq. mile	acre
Centimetro quadrato	1	0.0001	-	-	0.155	-	-	-	-
Square centimeter									
Centimetre carre									
Metro quadrato	10000	1	0.0001	-	1550	10764	1.196	-	-
Square meter									
Metre carre									
Ettaro	-	10000	1	0.01	-	-	11960	0.003861	2.471
Hectare									
Hectare									
Chilometro quadrato	-	1000000	100	1	-	-	-	0.3861	247.1
Square kilometer									
Kilometre carre									
Square inch(pollice quadr.) ..	6.452	0.000645	-	-	1	-	-	-	-
Square inch									
Square inch(pouce carre)									
Square foot(piede quadr.) ..	929	0.0929	-	-	144	1	0.1111	-	-
Square foot									
Square foot(pied carre)									
Square yard(yarda quadr.) ..	8361	0.8361	-	-	1296	9	1	-	-
Square yard									
Square yard(yard carre)									
Square milo(miglio quadr.) ..	-	2590000	259	2.59	-	-	-	1	640
Square mile									
Square mile(mille carre)									
Acre(acro)	-	4047	0.4047	-	-	43560	-	0.0015	1
Acre									
Acre(acre)									

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