

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.

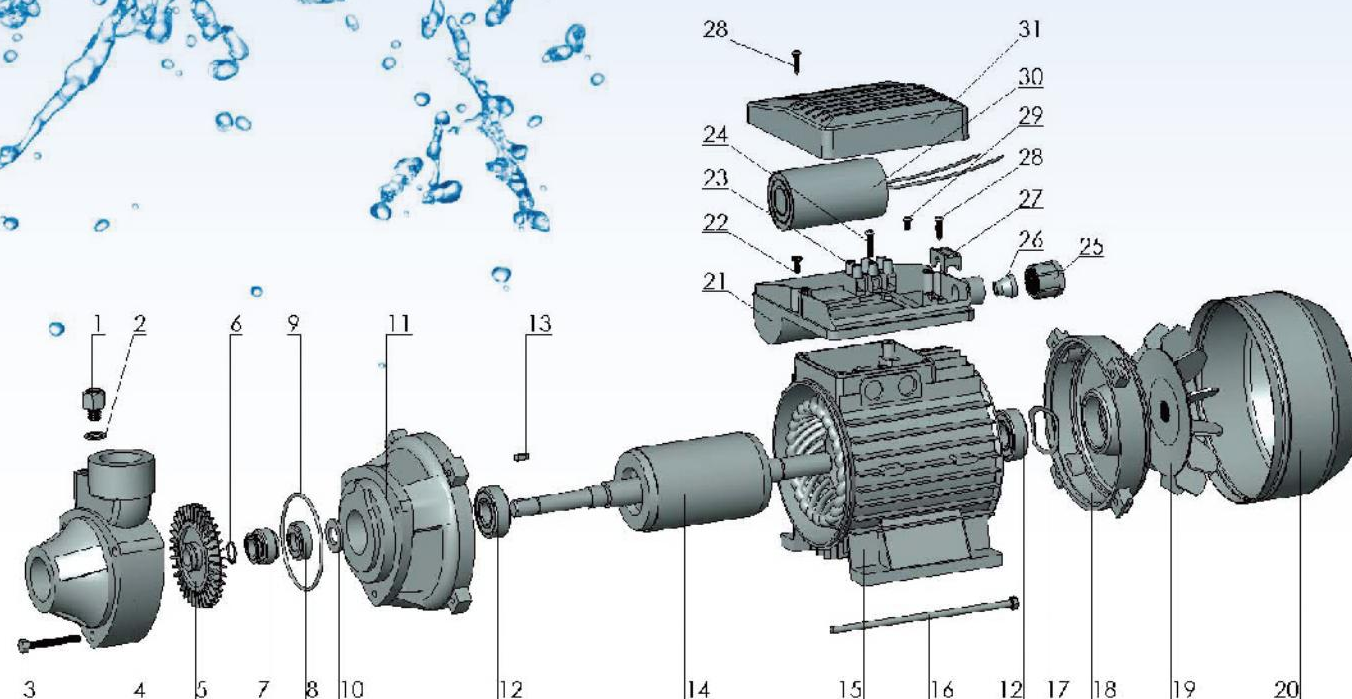
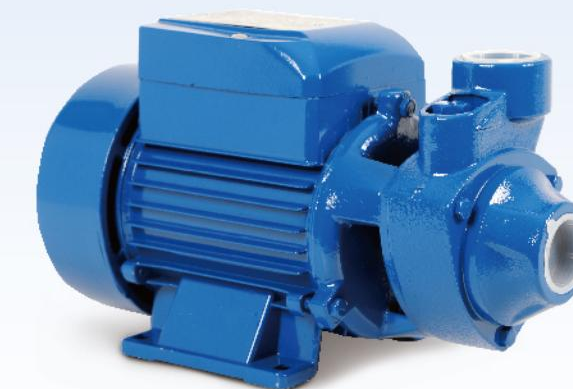
Pumps should be installed in a covered area, protected against the weather.

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

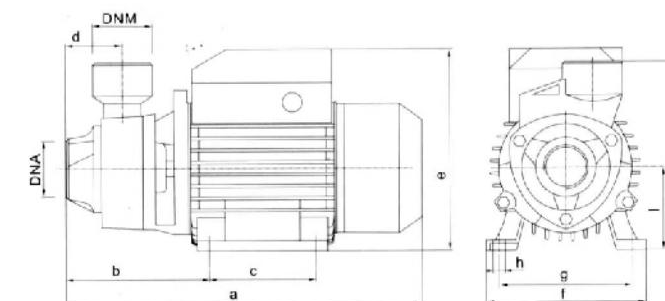
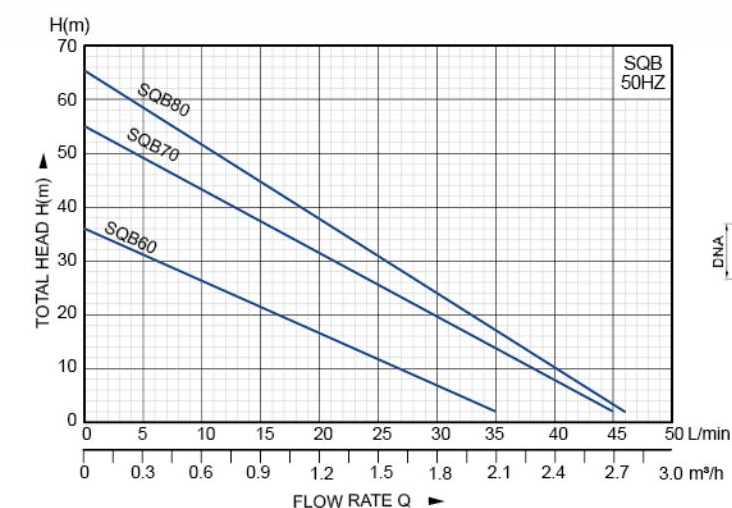
Operating limitations

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	36	36	H(m)	36	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