



Features

1. Close-coupled design , small size, space-saver, high efficiency, easy maintenance.
2. Adopt high quality Mechanical seal, no leakage, long life.
3. Double-stage impellers design for high performance.
4. Bronze impeller, remarkable wear-resistant.
5. Great suction ability(9M). Suitable for shallow well or underground water supply.

Applications

1. Suitable for transfer clean water, underground water and non-corrosive fluids.
2. Transfer water to the storage tank in plant, park, stadium, school, apartment, residence..etc.
3. For Garden sprinkler system and car wash system.
4. For Booster system and agriculture irrigation.

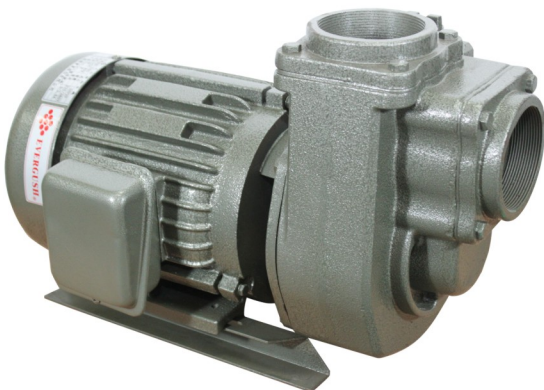


Operating conditions

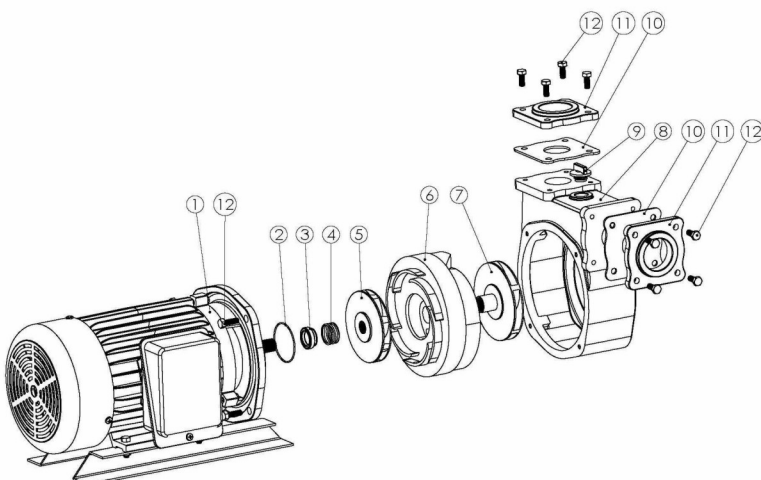
1. Liquid temperature: 0~60°C
2. Ambient temperature: 0~40°C
3. Working pressure: Max. 10 kg/cm²
4. Suction lift: Max. 9M
5. Sea water transfer is forbidden

Motor Spec.

1. Voltage: 1 or 3 phase
2. Frequency: 60HZ
3. Enclosed class: IP54
4. Insulation: B
5. Enclosed Fan cooled, 2Pole motor
6. Built-in motor overload protector

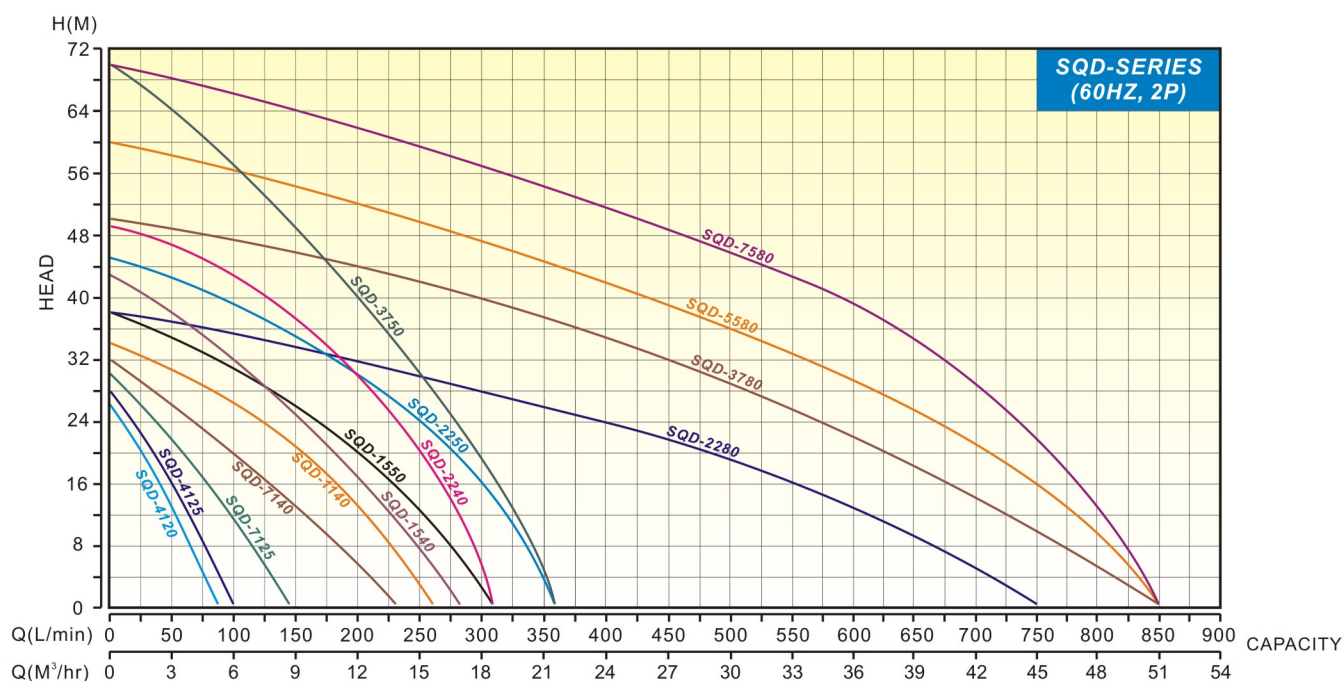


Sectional View



No.	Part Name	Std. Material
1	Motor	FC200
2	O-ring	NBR
3	Mech. Seal	CA/CE
4	Spring	SUS304
5	Back Impeller	BC
6	Guide Impeller	PA
7	Front Impeller	BC
8	Pump casing	FC200
9	Plug	PP
10	Flange Gasket	NBR
11	Flange	FC200
12	Screws	Galvanized Steel

Performance Curves



Specification

Model	Power	Phase	Inlet/ Outlet Inch	Max.		Standard		Dimension (cm)			Net Weight (kg)
	HP			Head M	Flow L/min	Head M	Flow L/min	L	W	H	
SQD-4120	0.5	1	3/4"	26	85	16	40	33	21	23	16
SQD-4125(T)	0.5	1	1"	28	100	16	50	34	21	23	17.5
		3						33			16
SQD-7125(T)	1	1	1"	30	145	20	60	37.5	26.5	25.5	26.5
		3									
SQD-7140(T)	1	1	1-1/2"	32	230	20	100	40	26.5	27.5	28.5
		3									
SQD-1140(T)	1.5	1	1-1/2"	34	260	21	150	41.5	26.5	29.5	35
		3									
SQD-1540(T)	2	1	1-1/2"	43	280	25	150	44.5	26.5	31.5	37.5
		3						42			36
SQD-1550(T)	2	1	2"	38	310	20	200	43	26.5	32.5	40.5
		3									39
SQD-2240(T)	3	1	1-1/2"	49	310	34	175	46	30	34.5	51.5
		3						44			50
SQD-2250(T)	3	1	2"	45	360	30	200	46	30	34.5	51.5
		3						44			50
SQD-2280(T)	3	1	3"	38	750	22	450	52	30	33	55.5
		3						50			54
SQD-3750(T)	5	1	2"	70	360	40	200	54	30	34	67.5
		3									65
SQD-3780(T)	5	1	3"	50	850	32	450	53	30	34	63.5
		3									61
SQD-5580T	7.5	3	3"	60	850	36	500	57	31	36	76.5
SQD-7580T	10	3	3"	70	850	46	500	60	31	36	88.5

©(T): Three phase motor