



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.

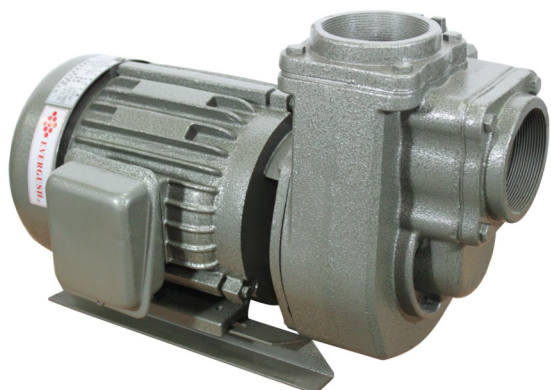
Applications

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

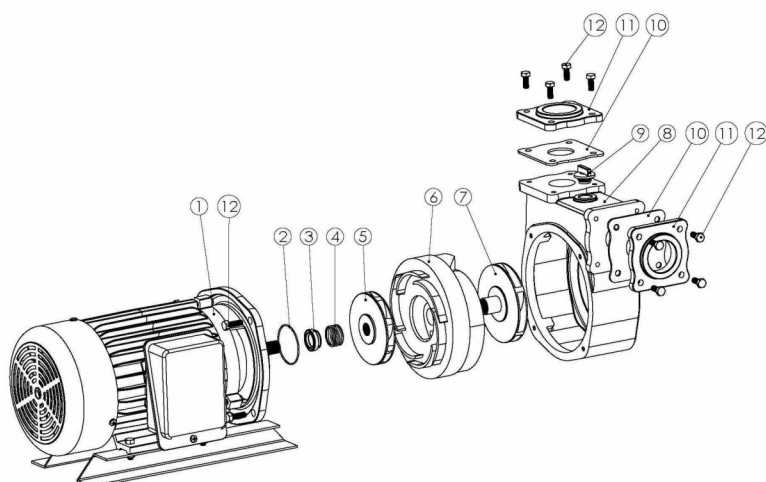
1. Liquid temperature: 0~60°C
2. Ambient temperature: 0~40°C
3. Working pressure: Max. 10 kg/cm²
4. Suction lift: Max. 9M
5. Sea water transfer is forbidden



Motor Spec.

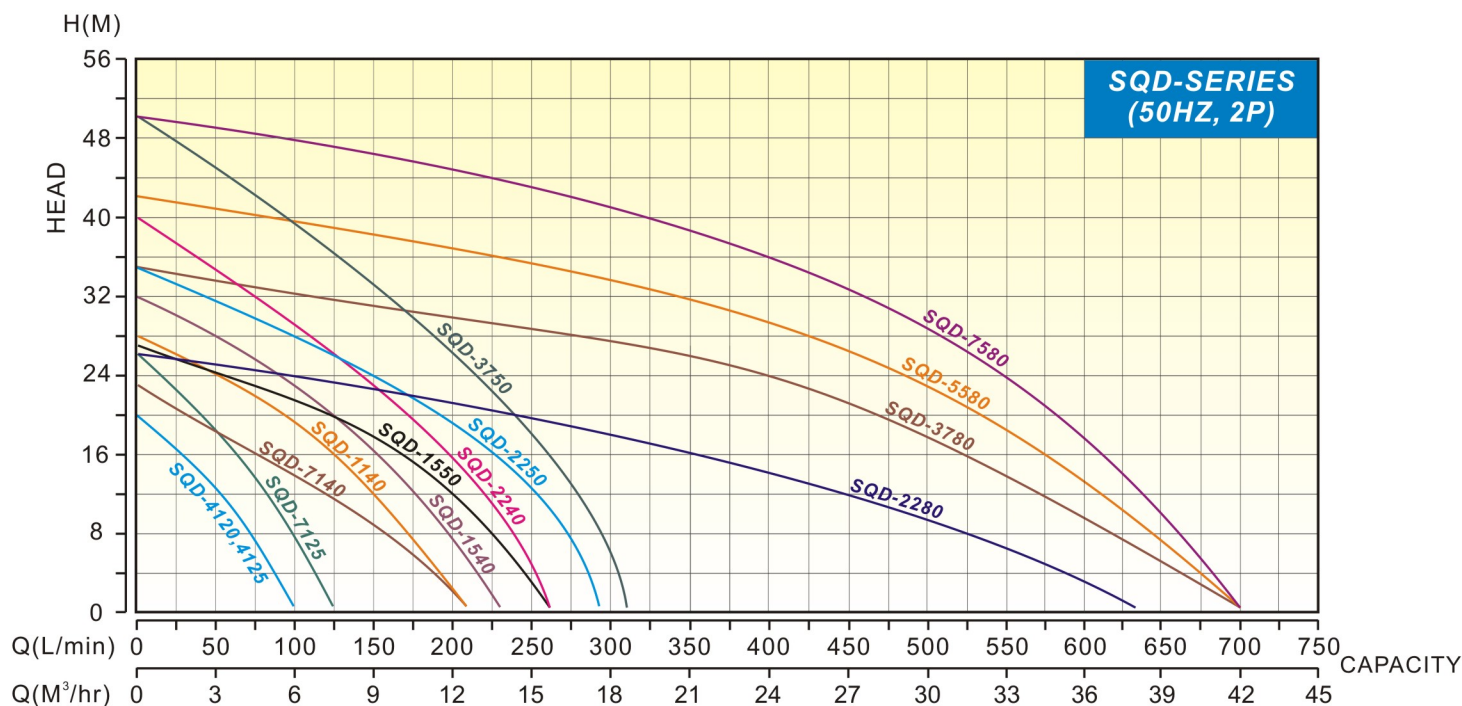
1. Voltage: 1 or 3 phase
2. Frequency: 50HZ
3. Enclosed class: IP54
4. Insulation: B
5. Enclosed Fan cooled, 2Pole motor
6. Built-in motor overload protector

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 HP	Phase Ø	Inlet/ Outlet Inch	Max.		Standard		Dimension (cm)			Net Weight (kg)
				Head M	Flow L/min	Head M	Flow L/min	L	W	H	
SQD-4120	0.5	1	3/4"	20	100	12	55	33	21	23	16
SQD-4125(T)	0.5	1 3	1"	20	100	12	55	34 33	21	23	17.5 16
SQD-7125(T)	1	1 3	1"	26	125	16	65	37.5	26.5	25.5	26.5
SQD-7140(T)	1	1 3	1-1/2"	23	210	14	100	40	26.5	27.5	28.5
SQD-1140(T)	1.5	1 3	1-1/2"	28	210	16	125	41.5	26.5	29.5	35
SQD-1540(T)	2	1 3	1-1/2"	32	230	20	125	44.5 42	26.5	31.5	37.5 36
SQD-1550(T)	2	1 3	2"	27	260	18	150	43	26.5	32.5	40.5 39
SQD-2240(T)	3	1 3	1-1/2"	40	260	26	125	46 44	30	34.5	51.5 50
SQD-2250(T)	3	1 3	2"	35	290	22	175	46 44	30	34.5	51.5 50
SQD-2280(T)	3	1 3	3"	26	630	14	400	52 50	30	33	55.5 54
SQD-3750(T)	5	1 3	2"	50	310	30	175	54	30	34	67.5 65
SQD-3780(T)	5	1 3	3"	35	700	24	400	53	30	34	63.5 61
SQD-5580T	7.5	3	3"	42	700	29	400	57	31	36	76.5
SQD-7580T	10	3	3"	50	700	36	400	60	31	36	88.5

©(T): Three phase motor