

### Applications

- Air-conditioning system
- Cooling system
- Washing and cleaning system
- Water treatment
- Aquaculture
- Fertilizing/metering system
- Environmental application

### Operation conditions

- Liquid temperature:  
normal temperature type: -15°C~+70°C  
hot water type: -15°C~+105°C
- Ambient temperature: maximum +40°C
- Operation pressure: maximum 10 bar

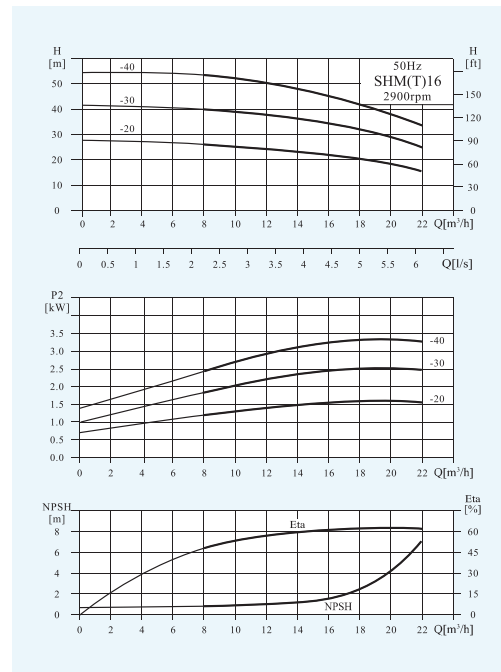
### Motor

- Fitted with a totally enclosed, fan-cooled, 2-pole motor
- Enclosure class: IP55
- Insulation class: F
- Supply voltage: 50Hz or 60Hz

### Material

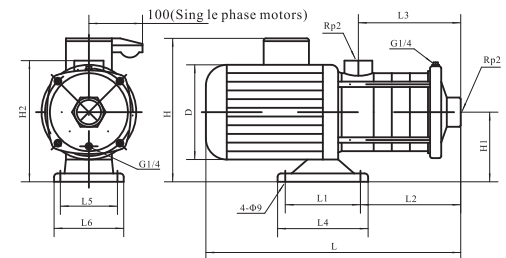
- Inlet&outlet chamber: Stainless steel(304/316)
- Impeller: Stainless steel(304/316)
- Shell: Stainless steel(304/316)
- Shaft: Stainless steel(304/316)
- Mechanical seal: Graphite/SIC

### Performance Curves



### Performance Table

Model	Associated motor		Q (m³/h)	H (m)							
	(kW)	(hp)		8	10	12	14	16	18	20	22
SHM(T)16-20	2.2	3	H (m)	26	25	24	23	21.6	20	18	15.5
SHM(T)16-30	3	4		40	39	38	36	34	31.5	29	25
SHM(T)16-40	4	5.5		53.5	52	50	48	45	42	38	33.5



### Dimension&Weight

Motor	Specification (mm)										Net Weight (kg)		
	L	L1	L2	L3	L4	L5	L6	Hthree phase	Hsingle phase	H1		H2	D
SHM(T)16-20	455	138	151	126	160	108	130	240	270	118	228	180	27
SHM(T)16-30	561	138	196	171	160	108	130	270		130	240	195	33
SHM(T)16-40	621	140	340	216	170	190	230	270		120	230	220	40