

Stainless Steel Horizontal Multistage Pump — SHM(T)16

Applications

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

Motor

- Fitted with a totally enclosed, fan-cooled
- Enclosure class: IP 55
- Insulation class: F
- Standard voltage: 1x220-230/240V (50Hz)
- 3x200-220/346-380V
- 3x220-240/380-415V
- 3x220-255/380-440V

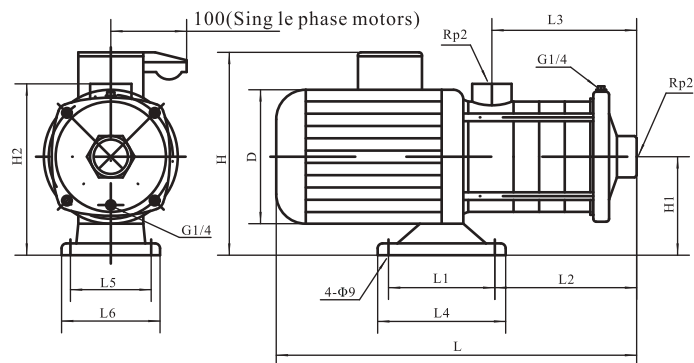


Operation conditions

- Liquid Temperature:
 - Normal temperature: -15°C~+70°C
 - Hot water: -15°C~+105°C
- Environment Temperature: Max. 40°C
- Altitude: Max. 1000m
- Operation pressure: Max. 10 bar

Material

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

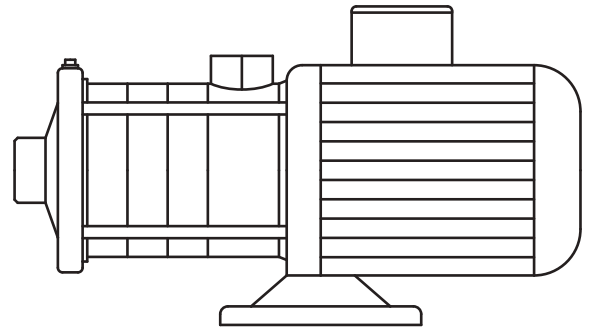
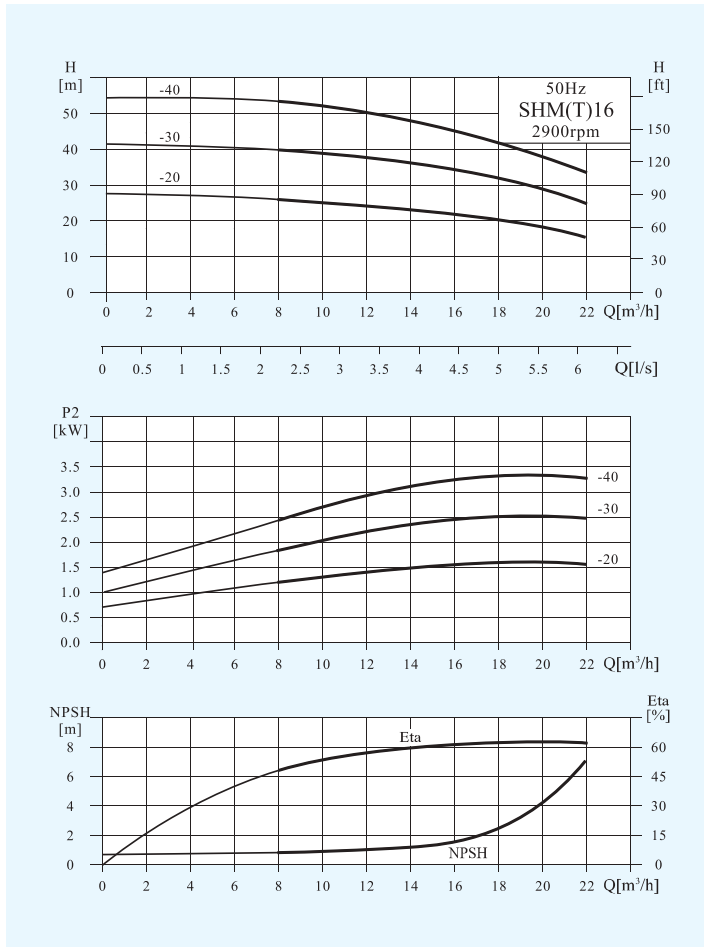


Performance Table

Model	Associated motor		Q (m ³ /h)	8	10	12	14	16	18	20	22
	(kW)	(hp)									
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

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Performance Curves



SHM/SHMT

SHM (T) 8 - 30

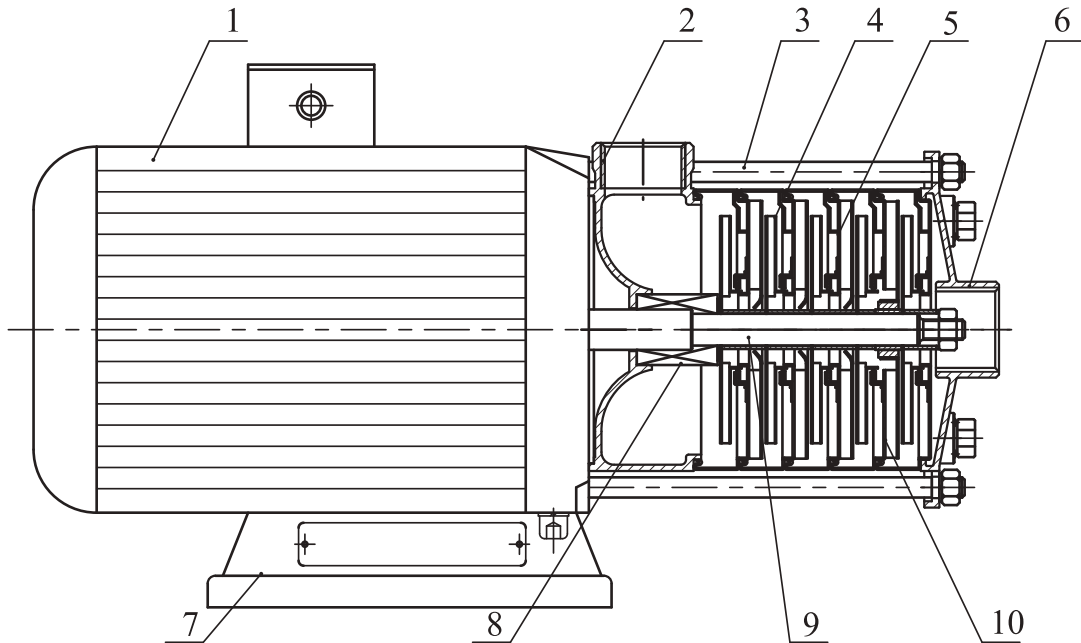
- Series/number of impeller × 10
- Rated Flow (m³/h)
- Water inlet/outlet cast iron seat (stainless steel not indicated)
- horizontal(sectional type) multistage centrifugal pump

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

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Structure chart:SHM



Material:SHM

NO	Description	Material	AISI/ASTM	NO	Description	Material	AISI/ASTM
1	Motor	Assembling unit		6	Inlet seat	Stainless	AISI304
2	Outlet seat	Stainless steel	AISI304	7	Base plate	Steel	AISI11015
3	Tie rod	Stainless steel	AISI304	8	Mechanical seal	Assembling unit	
4	Impeller	Stainless steel	AISI304	9	Shaft	Stainless	AISI304
5	Diffuser	Stainless steel	AISI304	10	Support diffuser.	Stainless	AISI304