VC,VM,VS Series
Vertical Drainage/Sewage Pump

Application

The drainage of municipal sewage water
The drainage of sewage water in hospital, hotel and factory
The drainage of sewage water in residential area
The water supply and drainage in waterworks

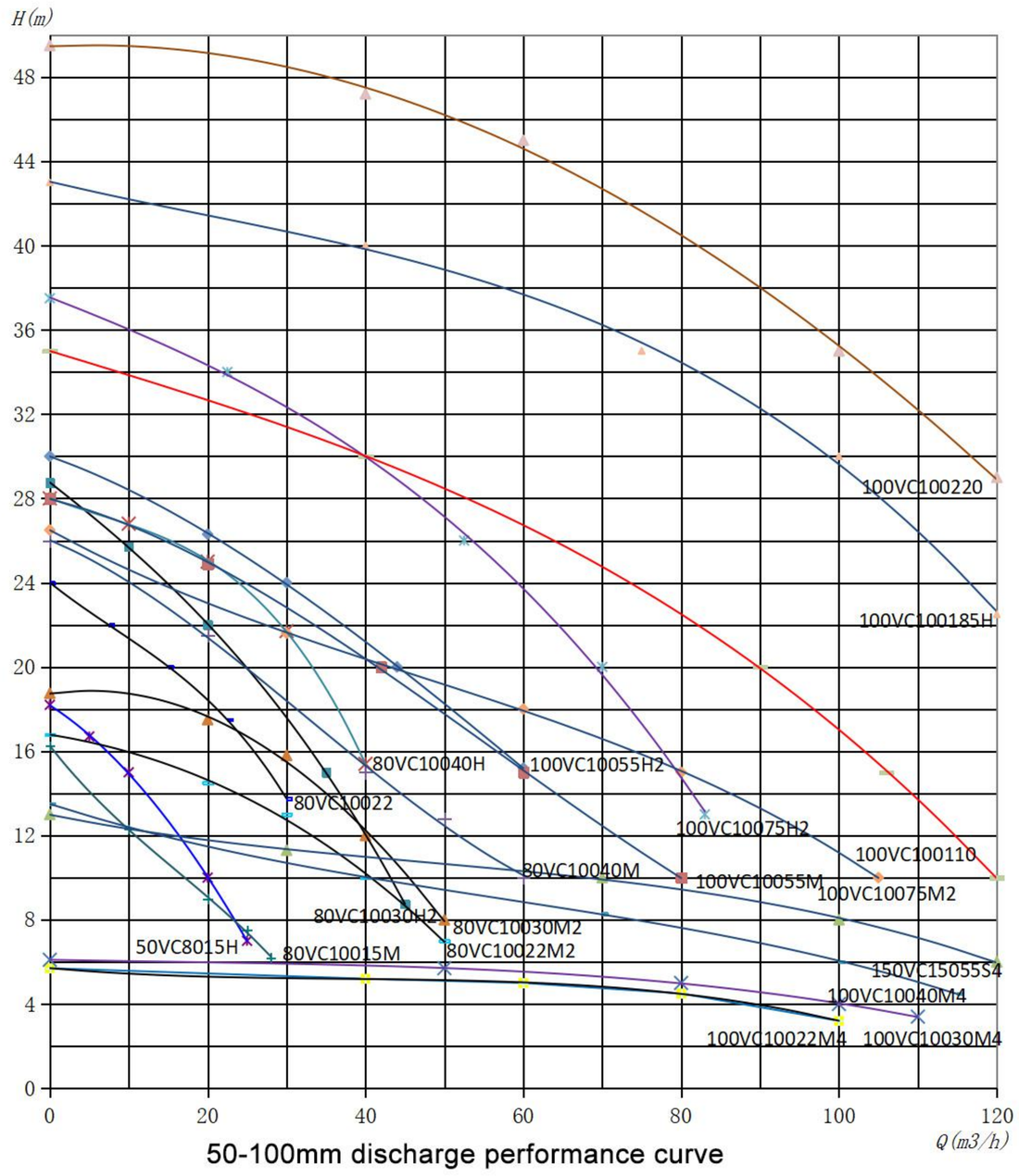
VC/VM/VS(VC-semi-open single vane impeller pump, VM-grind pump, VS-screw impeller) series vertical drainage/sewage pump are designed for economical and reliable pumping of sewage water from commercial, communal and industrial sources.
Their feature is to have the strong capacity of anti-block and inter-wine.

Model Description

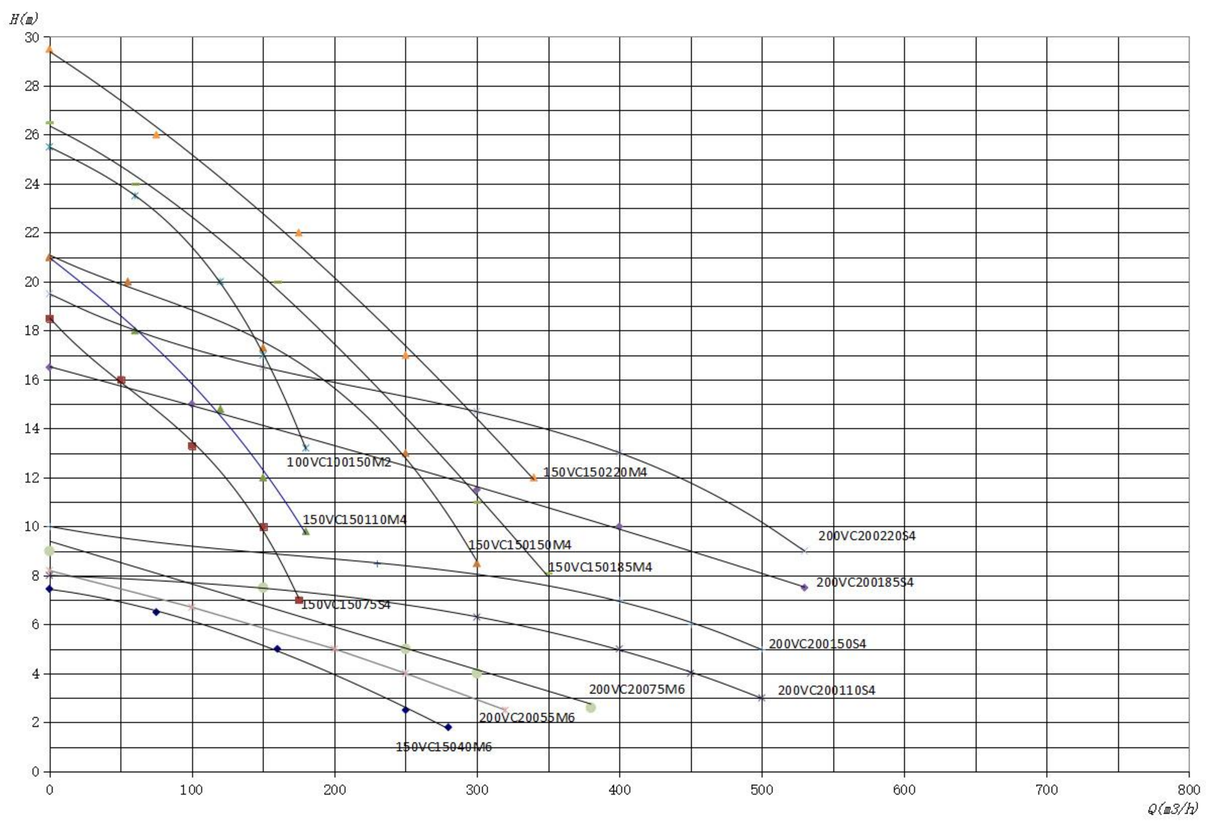
XX VC(VM/VS) XX XX H(M/S) X

- Motor pole
- Impeller size (S-small M-middle H-large)
- Power*10
- Inlet diameter(mm)
- VC(VM/VS) series
- Discharge diamter(mm)

VC Series

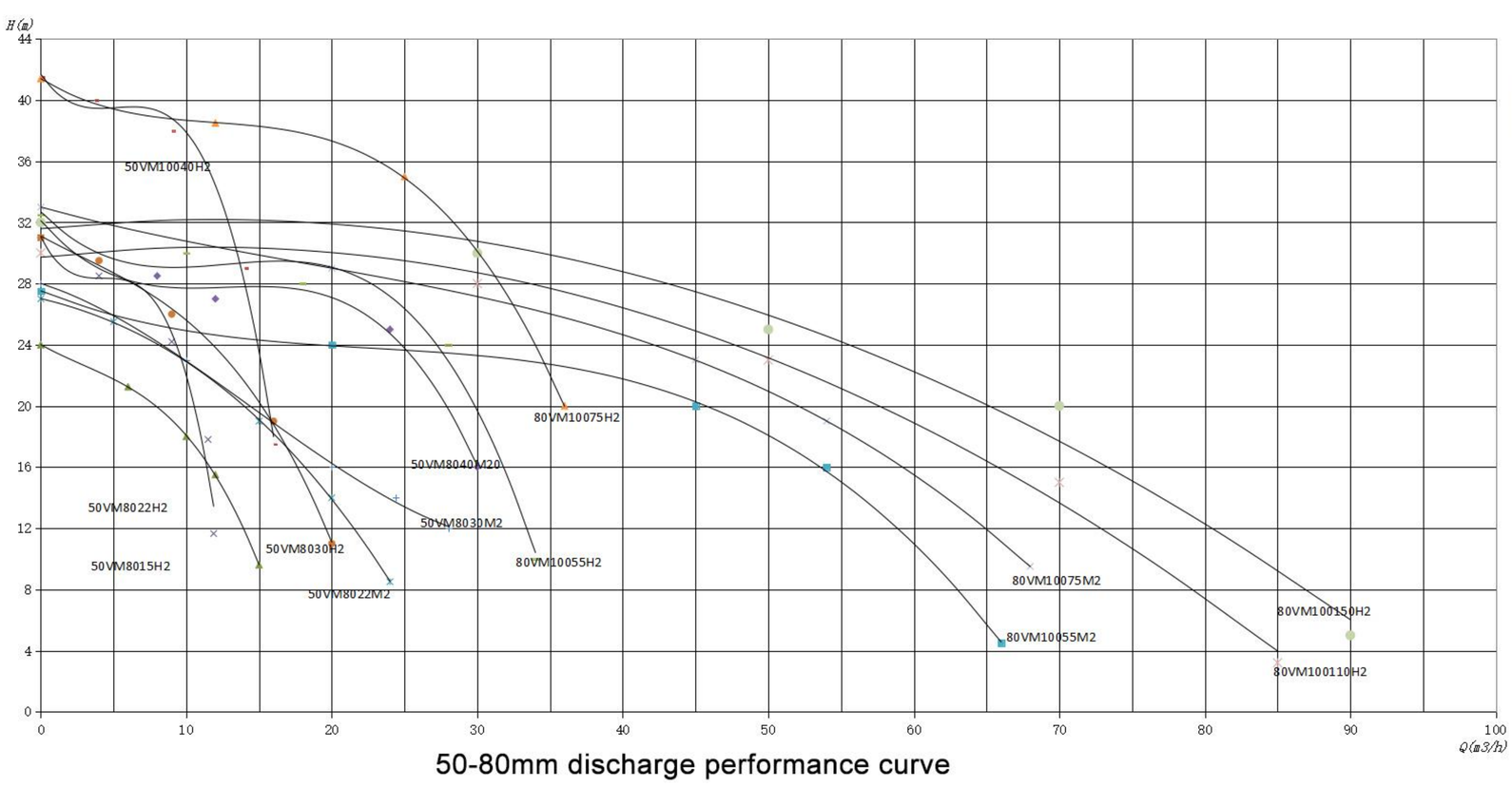


50-100mm discharge performance curve



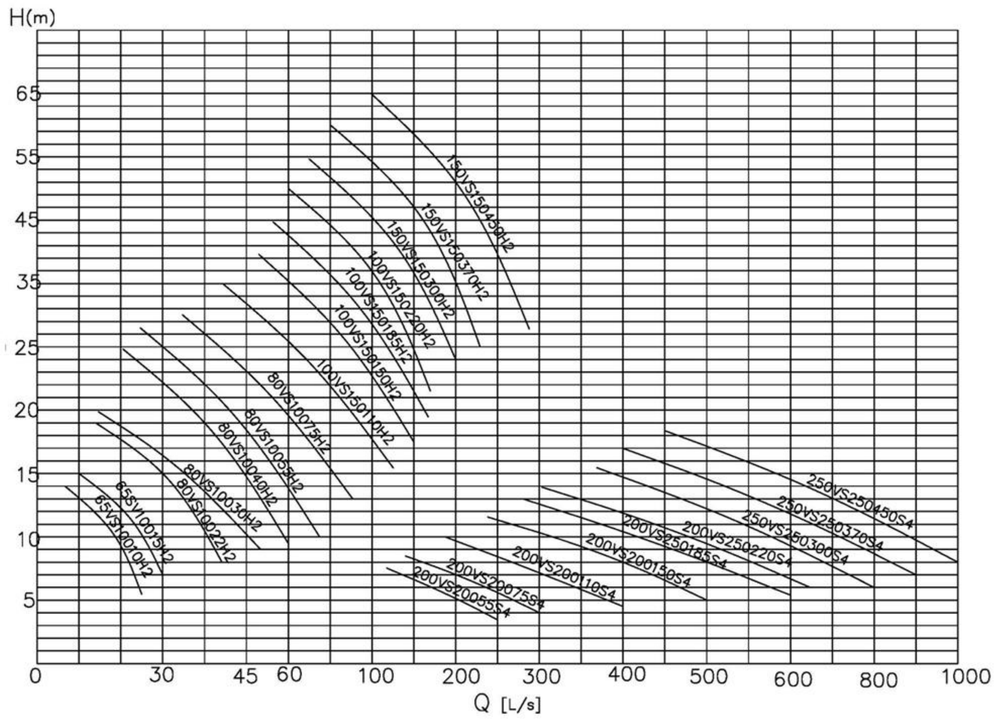
150-200mm discharge performance curve

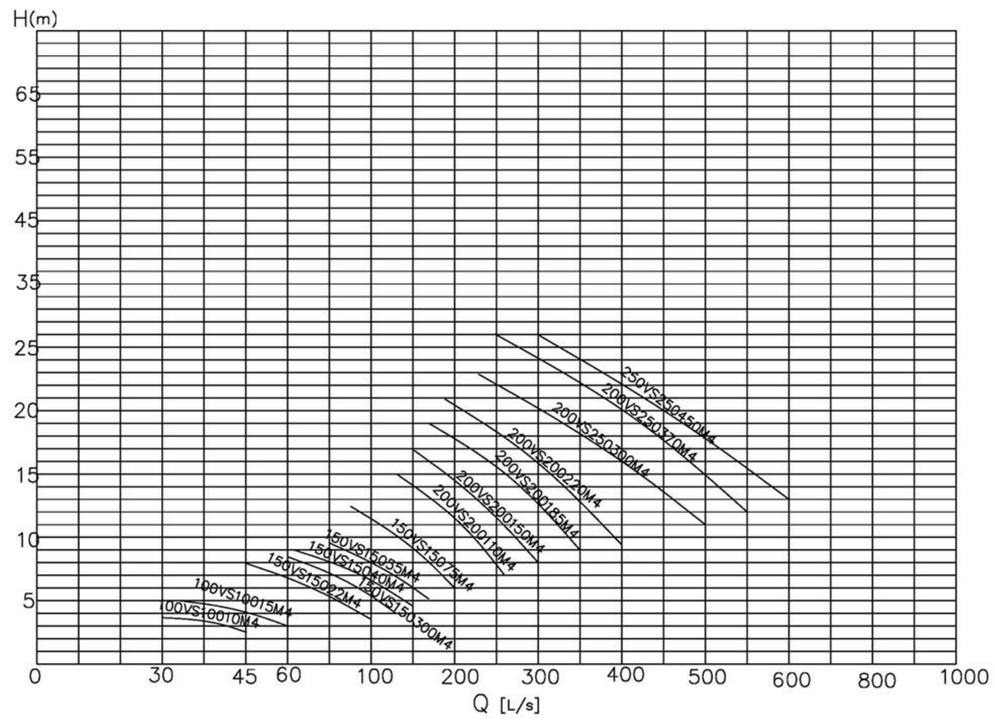
VM Series



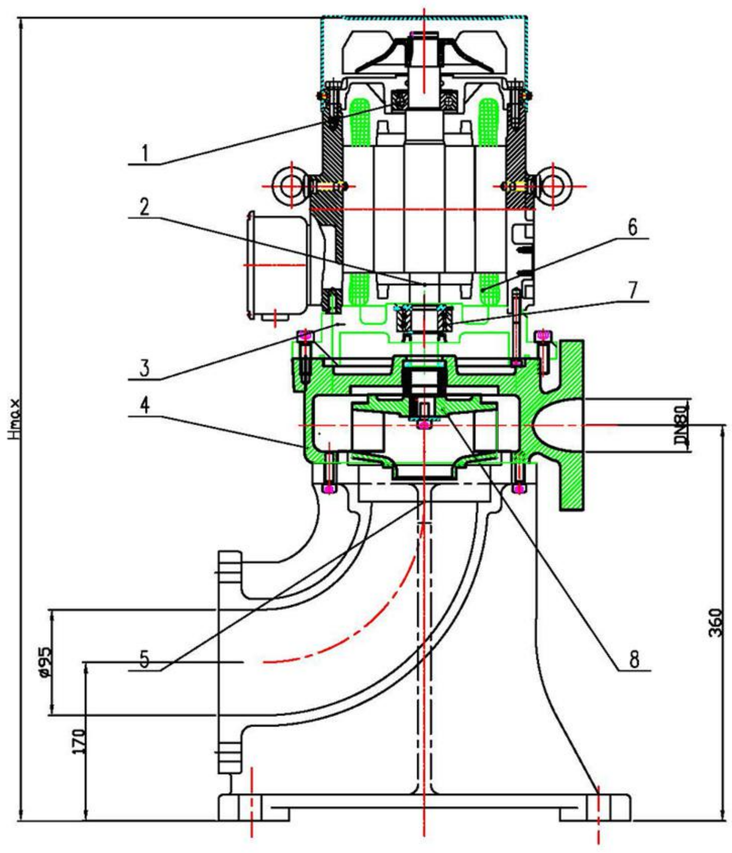
50-80mm discharge performance curve

VS Series





Section Drawing



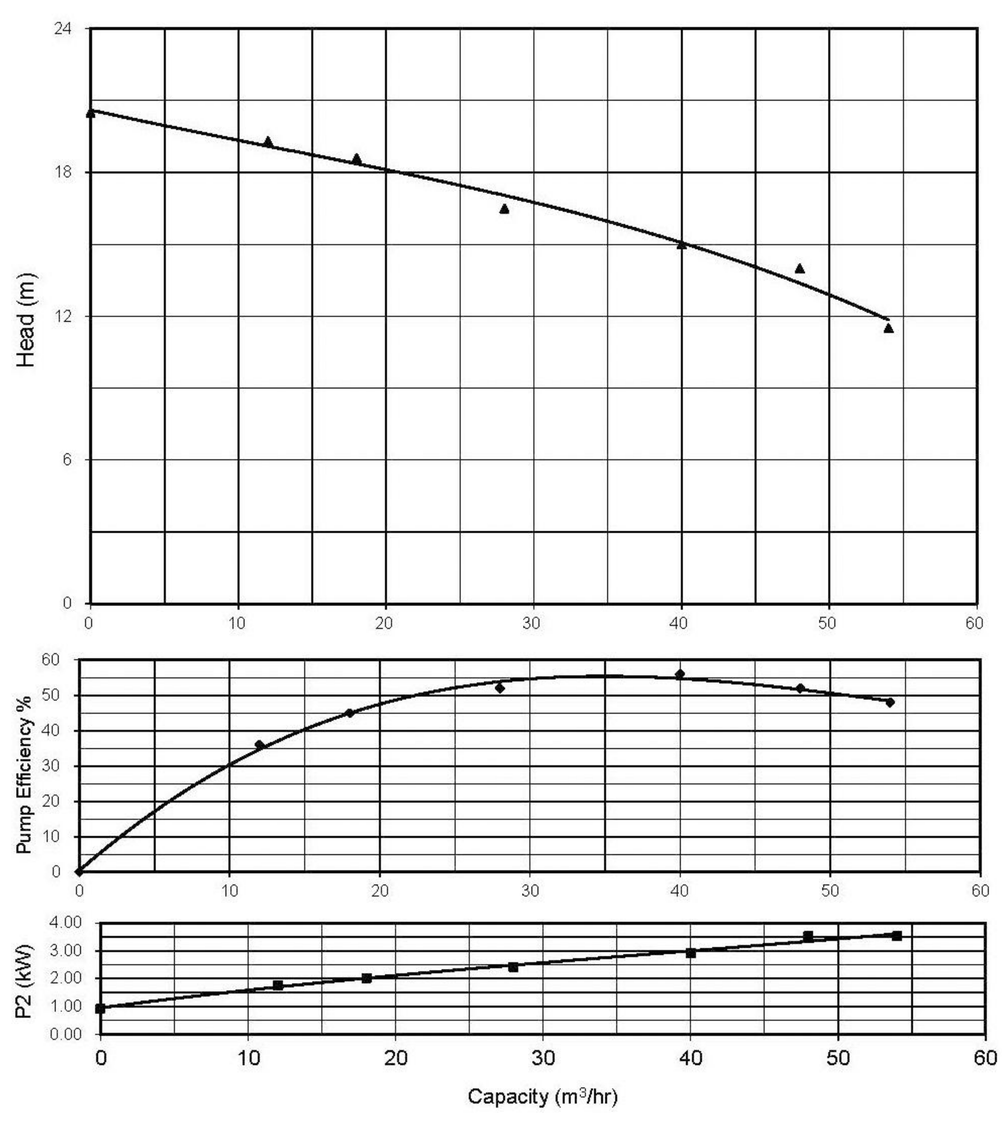
Name of parts

No. 1	uppon bearing	No. 2	rotator
No. 3	oil chamber	No. 4	volute
No. 5	suction base	No. 6	stator
No. 7	lower bearing	No. 8	impeller

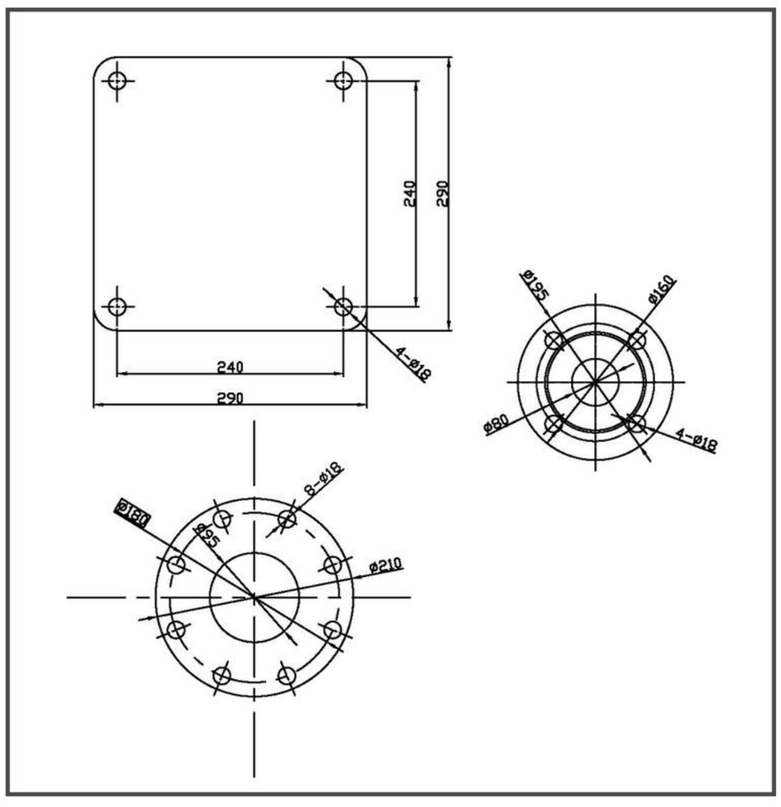
Main material and working condition

Medium	sewage water
	Temperature 0~40℃
Impeller	GG20/GG25/GGG40/SS304
Pump casing and base	GG20/GG25
Bearing	NSK
Mech seal	Sic/Wc
Shaft(pump & motor)	SS420
Insulation grade	IP55
Lubricating oil	ISO VG 32

For Example (80VC10040M2)



Installation Dimension



Pump discharge	A	B	h1	h2	Hmax	D1	D2	D3	D4
80mm	240	290	170	362	954	80	95	4-φ18	8-φ18
Pump discharge	D5	D6	D7	D8	D9	D10	D11		
80mm	95	180	210	4-φ18	80	160	195		