

Vertical One Piece Solid Shaft Pumps

energy API CE

VISB/VISBO

● Applications

- Chemical industry
- Industrial sump drainage
- Corrosive & none-corrosive liquids
- Pollution control

● Feature

- ✓ Maximum parts interchangeability
- ✓ High efficiency / Heavy and sturdy construction
- ✓ Completely standardization for wide application
- ✓ API610 Latest edition is available on request
- ✓ API standard 610 (API Code : VS4)

● Ratings

Capacity	Up to 50 m ³ /min (13,209 US GPM)
Head	Up to 200 m (656ft)
Discharge Pressure	Up to 25 kgf/cm ² G (355 PSIG)
Hydrostatic test Pressure	Up to 40 kgf/cm ² G (568 PSIG)
Max. allowable Speed	Up to 3,600 min ⁻¹
Temperature	~150°C (~302°F)
Flanges	ANSI (other standards also available)
Nozzles Location	Bottom Suction : Top Discharge
Seals	Conventional Packing or Mechanical Seal
Materials	According to API 610 Material code

*API610 latest edition is available on request

● VISBO Model.



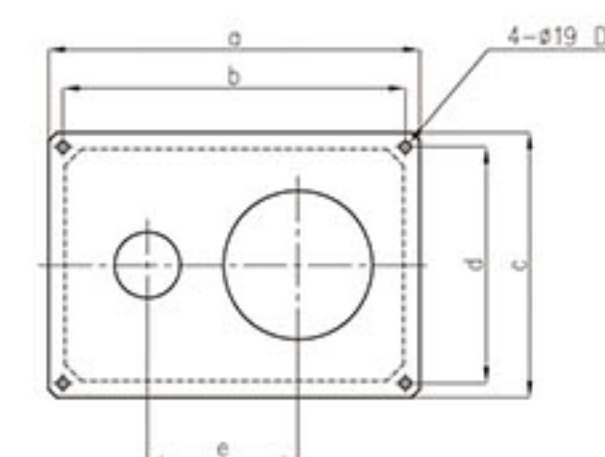
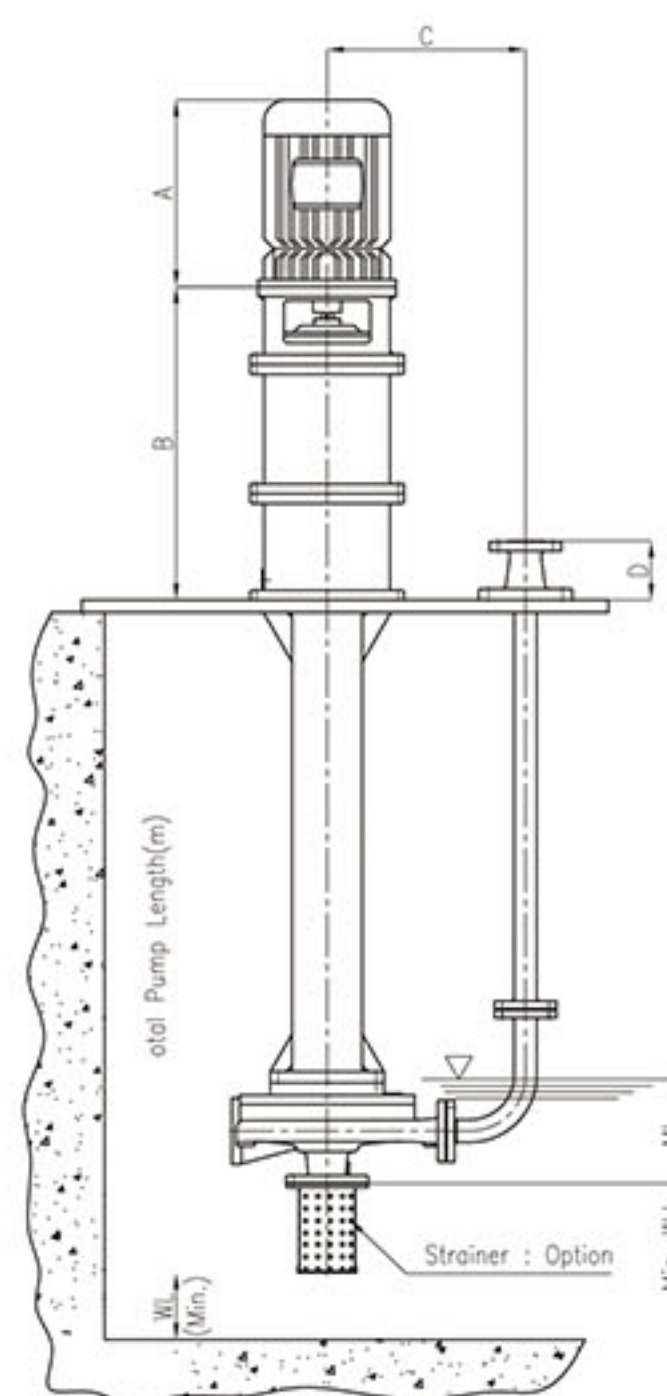
● VISBO Model.
✓ Open type impeller.



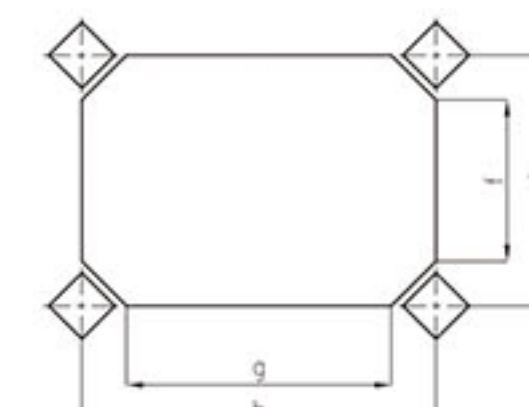
● VISB Model.
✓ Close type impeller



● Installation Dimension



Baseplate Dimensions



Foundation Dimensions

FOUNDATION BOLTS	
HG	250
HJ	250
L	50
HK	150
Q-B	4-M16

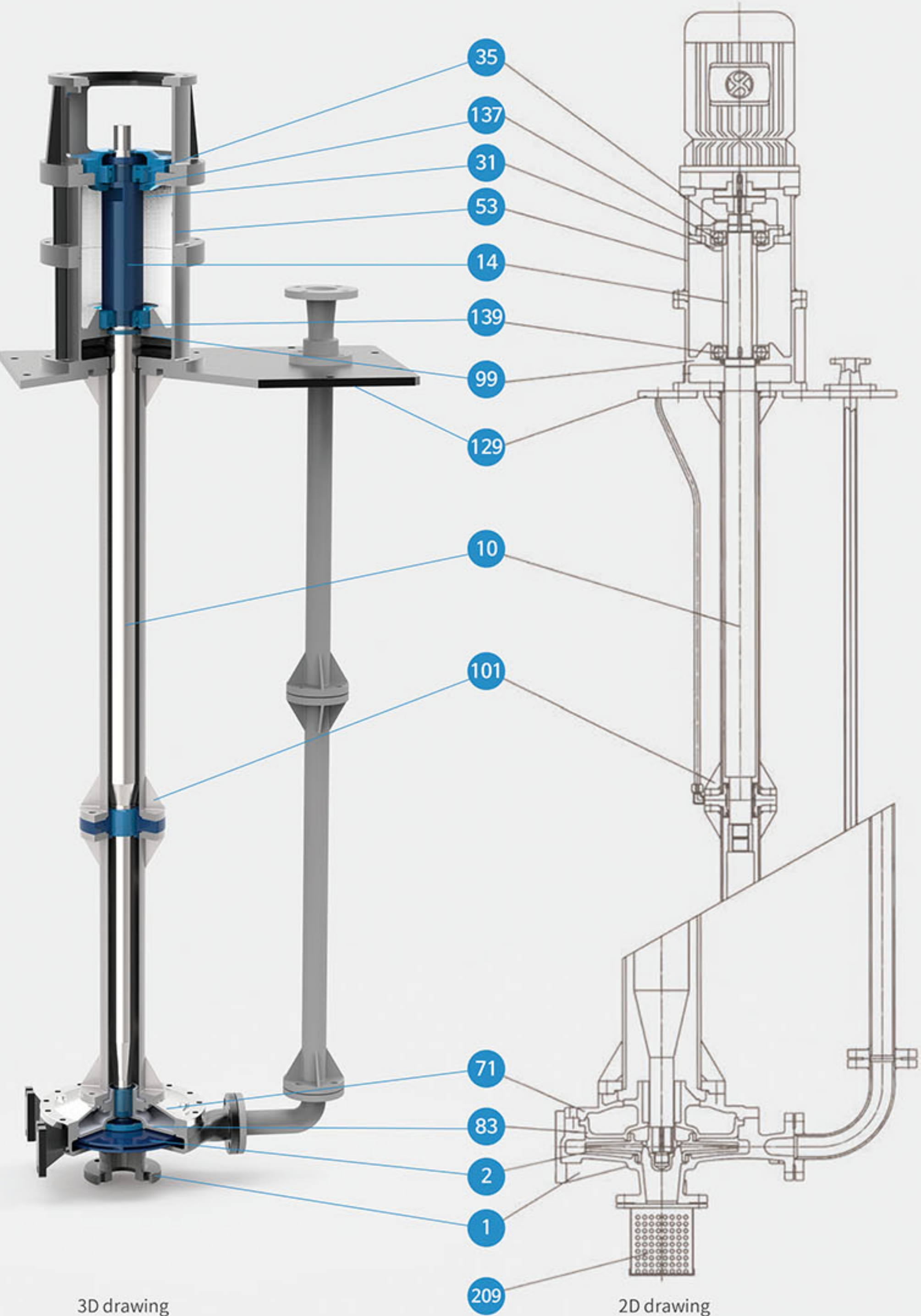
Spec	Pump and Motor								Baseplate								Anchor Bolt		
	Model	Frame	kW	H1	H2	WL	MF	J	A	B	C	D	E	F	G	H	B	H	V
	3216	80	0.75	233	344	100	310	100	755	665	600	510	80	310	50	440	4-M16x200L	150	200
	3220	90L	1.5	313	354	100	330	100	755	685	600	510	90	330	50	440	4-M16x200L	150	200
	4020	90L	1.5	313	354	100	341	100	790	700	600	510	95	241	60	440	4-M16x200L	150	200
	5020	112M	3.7	340	364	100	397	100	850	760	600	510	125	397	70	440	4-M16x200L	150	200
	4025	112M	3.7	340	364	100	386	100	840	750	600	510	120	386	60	440	4-M16x200L	150	200
	5025	132S	5.5	382	384	100	422	100	880	790	600	510	140	422	70	440	4-M16x200L	150	200
	5031	132M	7.5	420	384	100	477	100	930	840	700	600	165	477	70	530	4-M16x200L	150	200
	6520	132S	5.5	382	384	100	482	100	945	855	600	510	175	482	85	530	4-M16x200L	150	200
	6525	160M	11	492	414	100	507	100	970	880	700	600	185	507	85	530	4-M16x200L	150	200
	8025	180M	19	537	444	100	583	100	1050	950	700	600	225	583	95	530	4-M16x200L	150	200
	8020	160M	11	492	414	100	553	100	1020	920	700	600	210	553	95	530	4-M16x200L	150	200
	1020	160L	15	536	414	250	644	130	1140	1040	700	600	225	644	125	530	4-M16x200L	150	200
	6531	160L	15	536	414	100	537	100	1000	980	700	600	200	537	85	530	4-M16x200L	150	200
	1025	180L	22	575	444	250	644	130	1140	1040	700	600	235	644	125	530	4-M16x200L	150	200

Note: *.Dimensions are in mm. (Approximate)

*. The content of this catalogue is to change without notice.

Model. VISB/VISBO

● Parts List and Materials



3D drawing

2D drawing

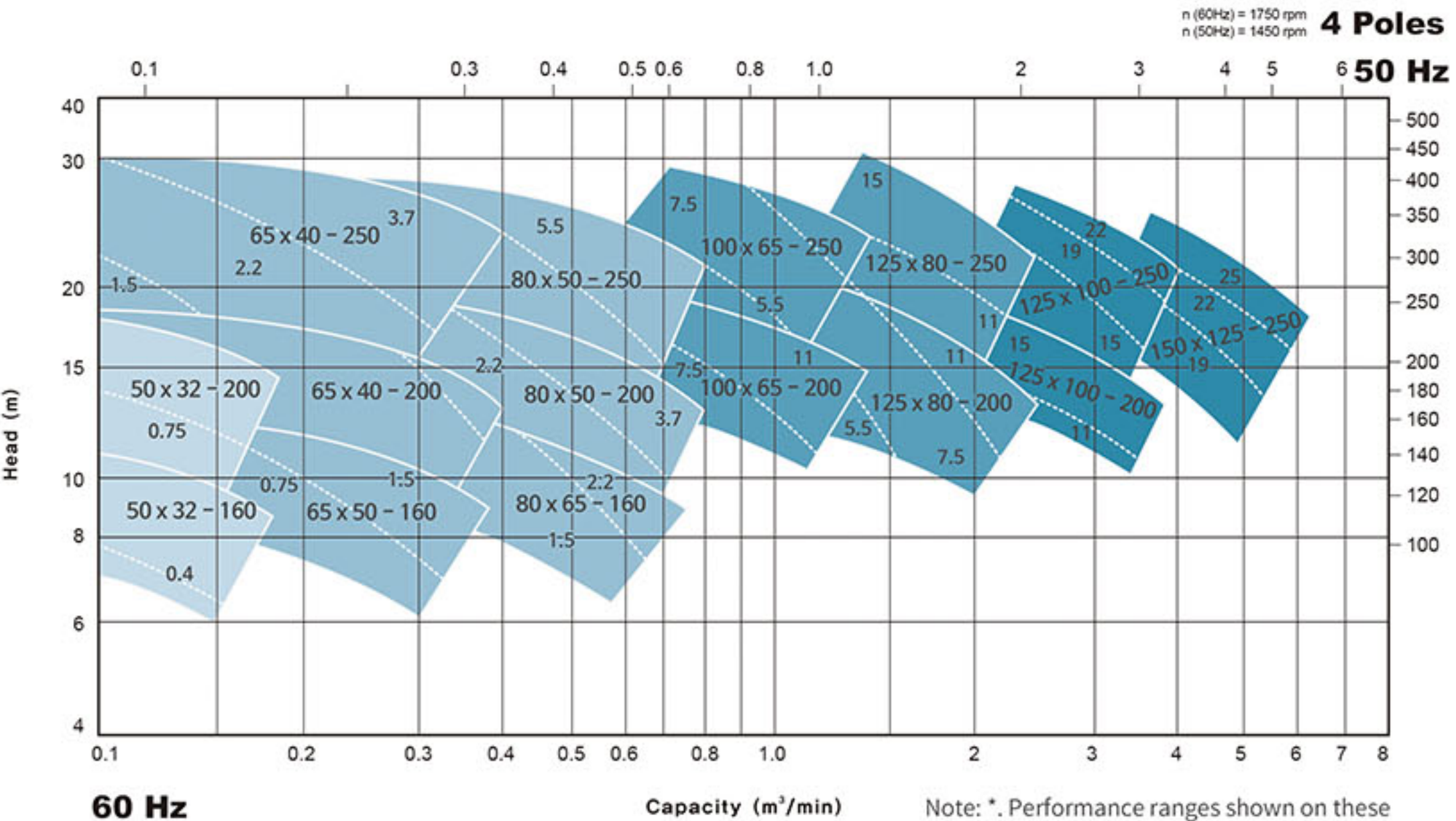
Model. VISB/VISBO

● Parts List

NO	Name of part	MATERIAL	
1	Casing	GC200	SSC13
2	Impeller	GC200	SSC13
10	Shaft	SM45C	STS304
14	Sleeve	GC200	SSC13
31	Bearing Housing	GC200	GC200
35	Bearing Cover	GC200	GC200
53	Motor Pedestal	GC200	GC200
71	Adapter	GC200	SSC13
83	Stuffing Box	GC200	SSC13
99	Bearing Housing	GC200	GC200
101	Column Pipe	SPPS38	STS304
129	Sole Plate	SS400	SS400
137	Upper Bearing	STEEL	STEEL
139	Lower Bearing	STEEL	STEEL
209	Strainer	SS400	STS304

Note : *. Other Materials are available on request

● Selection Charts



Note : *. Performance ranges shown on these charts are preliminary selection only.