

QUALITY Submersible Sewage Pump

Vortex Impeller

Type DV

APPLICATIONS

- Sewage water treatment
- Building waste water
- Industrial waste water
- General waste water

FEATURES

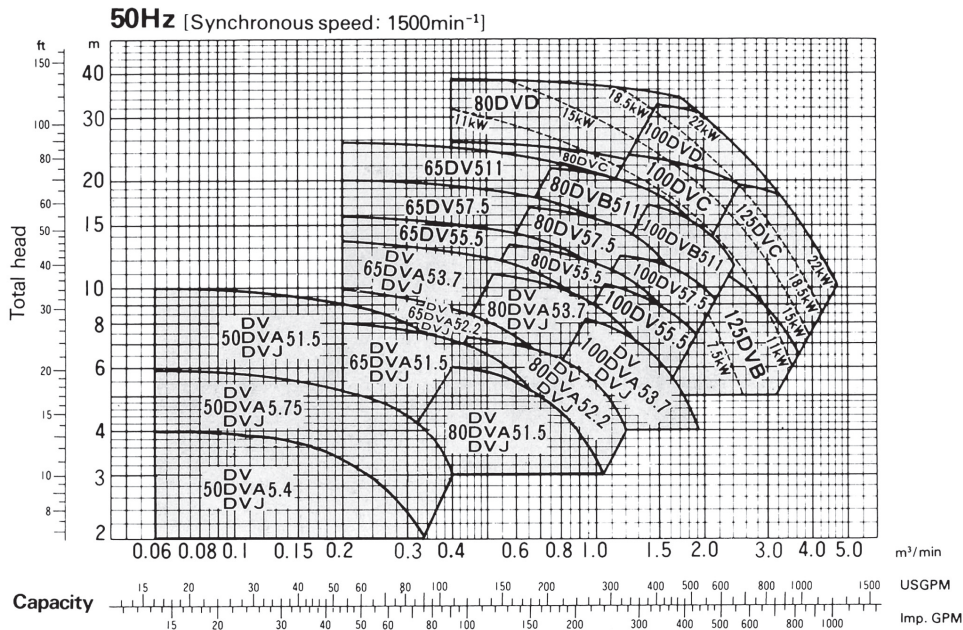
- Special open type vortex impeller permits foreign matter passing the inlet port to be freely discharged.
- As the passage size is uniform from the inlet port to the discharge port, the size of passed foreign matter can be as large as the port diameter.
- Built-in motor protector (automatic cut-off for model below 7.5kW and thermal protector over 11kW) protect the motor from overload burn or phase loss.
- Double mechanical seal of super hard alloy used for shaft bearing sealing prevents water leakage into the motor.
- Optional quick discharge connector facilitates easy installation and maintenance.



SPECIFICATIONS

Item	Standard		Optional
Range	Bore size	50 to 125mm	
	Power range	0.4 to 22kW	
	Synchronous speed	1500min ⁻¹ /50Hz	
Liquid	Name		
	Max. temp.	Manual Automatic	40°C (11kW and over), 50°C (up to 7.5kW)
		Alternate	32°C
	Max. spherical solid dia		50DV-50mm, 65DV-65mm, 80DV-80mm, 100DV-100mm, 125DV-125mm
Max. submergence		8m	
Material	Casing		Cast iron
	Impeller		Cast iron
	Shaft		403 stainless steel
	Mech. seal	Upper	Ceramic/Carbon
		Lower	SiC/SiC up to 3.7kW Tung. carbide/Tung carbide 5.5kW and over
	Motor frame		Cast iron
Bolts and nuts		Stainless steel	
Construction	Impeller type		Vortex
	Seal		Double mech. seal up to 3.7kW Tandem double mech. seal 5.5kW and over
	Bearing		Prelubricated ball bearing
Flange	Rating		JIS 10kgf /cm ² R.F Thin Type
Motor	Type		Air-filled submersible motor
	Phase, Poles		Three, Four
	Insulation		Class F
	Start system		Direct on line up to 7.5kW Star-delta 11kW and over
	Protection		Built-in overload protector up to 7.5kW Built-in thermal detector 11kW and over
Accessories	Submersible cable (10m) Companion flange with bolts (1 set)		Quick Discharge Connection Control Panel Float Switch

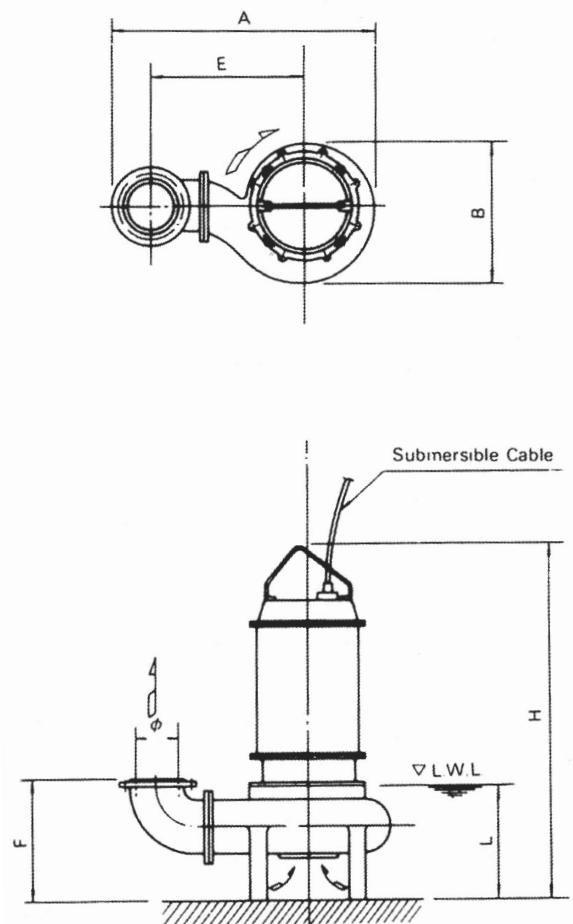
SELECTION CHART



DIMENSIONAL TABLE

Unit:mm

Size Ø	Model	Motor kW	Pump and motor						Weight [Mass] kg
			A	B	E	F	H	L	
50	50DV5.4	0.4	348	179	180	185	594	125	22
	50DV5.75	0.75	348	179	180	185	594	125	25
	50DV51.5	1.5	392	217	205	185	621	125	44
65	65DV51.5	1.5	426	225	225	219	657	160	47
	65DV52.2	2.2	426	225	225	219	678	160	54
	65DV53.7	3.7	480	273	255	219	711	160	68
	65DV55.5	5.5	480	273	255	219	796	160	95
	65DV57.5	7.5	559	332	305	219	793	160	135
	65DV511	11	559	332	305	219	892	160	170
80	80DV51.5	1.5	468	249	250	254	718	200	55
	80DV52.2	2.2	468	249	250	254	725	200	64
	80DV53.7	3.7	511	285	275	254	757	200	70
	80DV55.5	5.5	511	285	275	254	842	200	96
	80DV57.5	7.5	579	342	315	254	842	200	120
	80DVB511	11	579	342	315	254	941	200	155
	80DVC511	11	579	342	315	254	941	200	155
	80DVC515	15	579	342	315	254	1024	200	184
	80DVD511	11	679	422	375	254	941	200	181
	80DVD515	15	679	422	375	254	1021	200	210
100	80DVD518	18.5	679	422	375	254	1006	200	247
	80DVD522	22	679	422	375	254	1006	200	270
	100DV53.7	3.7	579	308	320	305	814	250	87
	100DV55.5	5.5	579	308	320	305	899	250	121
	100DV57.5	7.5	579	308	320	305	899	250	133
	100DVB511	11	636	352	355	305	996	250	168
	100DVC511	11	636	352	355	305	996	250	168
	100DVC515	15	636	352	355	305	1079	250	200
	100DVC518	18.5	636	352	355	305	1064	250	237
	100DVD515	15	723	426	405	305	1079	250	215
125	100DVD518	18.5	723	426	405	305	1064	250	252
	100DVD522	22	723	426	405	305	1064	250	275
	125DVB57.5	7.5	656	332	365	386	973	320	151
	125DVB511	11	656	332	365	386	1072	320	189
	125DVB515	15	656	332	365	386	1155	320	218
	125DVC511	11	717	384	400	386	1069	320	200
	125DVC515	15	717	384	400	386	1152	320	229
125	125DVC518	18.5	717	384	400	386	1137	320	266
	125DVC522	22	717	384	400	386	1137	320	289



*All specifications are subject to change without prior notice.



EBARA Pumps Malaysia Sdn Bhd
 6, Jalan TP3, UEP Subang Jaya Industrial Park,
 47620 Subang Jaya, Selangor, Malaysia.
 Tel : 03-8023 6622 Fax : 03-8023 9355
 Email : sales@ebar.com.my
 Website : www.ebara.com.my



Authorised dealer: