



**EBARA PUMP**

*Quality since 1912*

# **QUALITY SEWAGE SUBMERSIBLE PUMP**

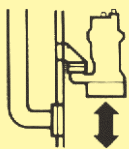
(with vortex impeller)

Model **DMLV**

**50Hz**



Uses vortex pump  
that allows 100%  
passage of  
foreign matter



Quick Discharge  
Connector  
(optional) makes  
maintenance  
simple



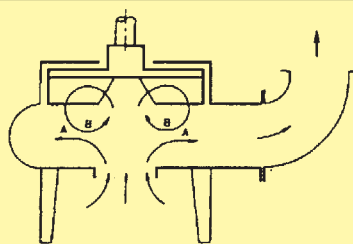
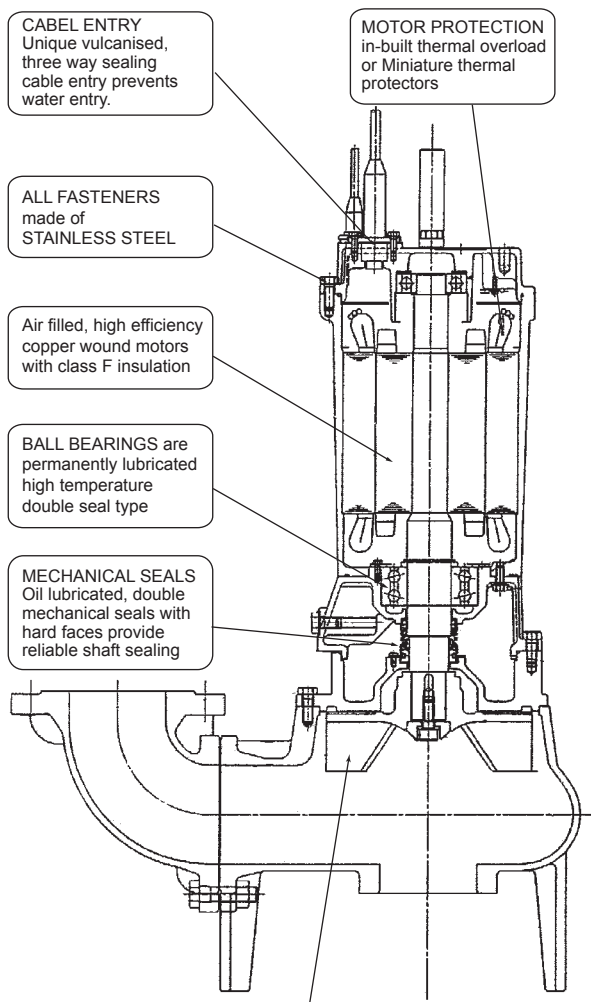
- **Vortex Impeller permits 100% solid passage**  
*(free flow impeller)*
- **Robust EBARA design**

## FEATURES

- Free flow Vortex Impeller
- Models up to 100mm discharge

## APPLICATIONS

- Sewage
- Waste water

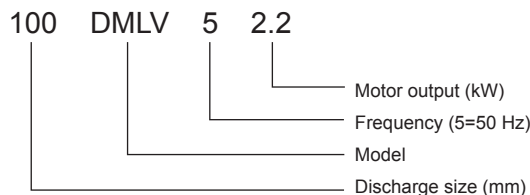


### OPERATING PRINCIPLES OF VORTEX TYPE IMPELLER

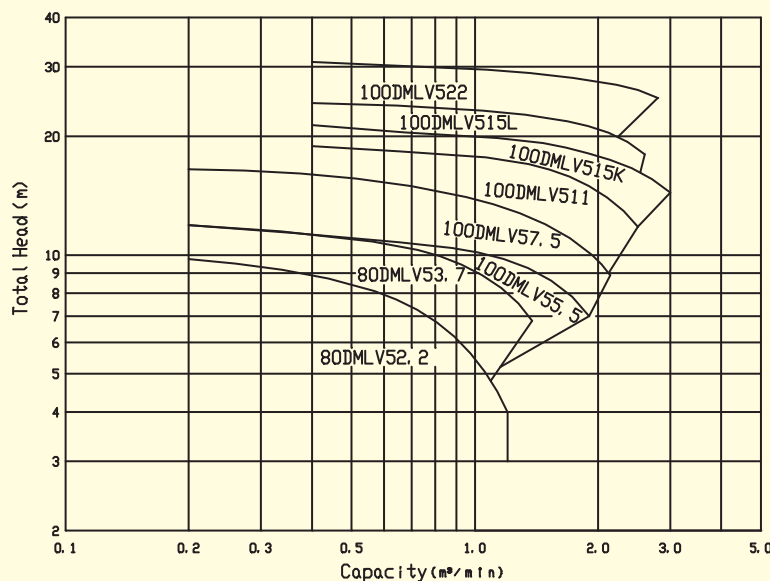
When a vortex impeller rotates, it generates primary VORTEX (B) and secondary VORTEX (A) as shown in the drawing and then discharges the pumping liquid.

Pump		
Model	DML	
Liquid Handled	Type of liquid	Sewage, Waste water
	Temperature	0°C - 40°C
	Solid Passage	according to pump discharge diameter
Maximum Submergence		8m
Minimum Submergence		Refer to water level (L.W.L) in Dimensions. It is possible to operate at low water level for 30min.
Synchronous Speed		1500min <sup>-1</sup>
Construction	Mechanical seal	
	Impeller	
	Bearing	
Material	Casing	
	Impeller	
	Shaft	
	Mechanical seal	Impeller side
		Motor side
Packing		
Motor		
Type	4 pole, air-filled watertight	
Insulation	Class F	
Starting method	2.2kW : Direct on line 3.7kW and above : Star-Delta	
Protectin	Build in overload protector (2.2kW) : Build in temperature detector protection (3.7 ~ 22kW)	
Accessories		
Standard	Submersible cable (10m)	
Optional	Quick discharge connector, Leakage detector.	

## MODEL MODE



## PERFORMANCE TABLE



\*All specifications are subject to change without prior notice.



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