

# OM

The OM-series is the most compact and economic pump in the VANCS-series. It is a semi-vortex design and can handle liquids containing moderate size of solids. Since the pump is made of special resin and stainless steel, it is corrosion-resistant and lightweight.



### Major Components & Specifications

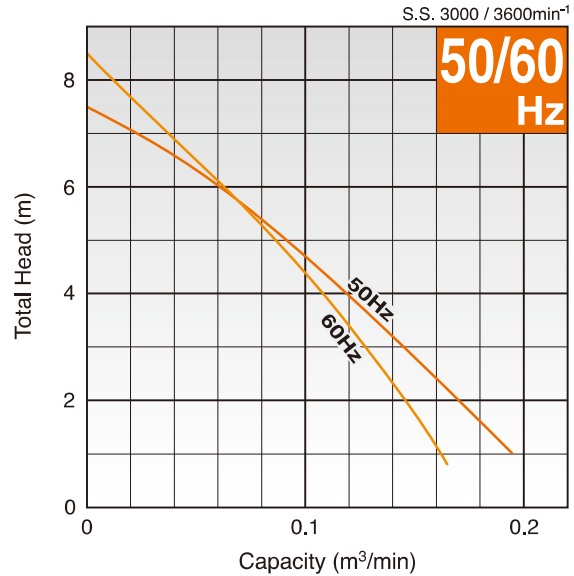
Discharge Bore		mm	32	
Pumping Fluid	Type of Fluid	Wastewater and Water carrying Small Solid Matters		
	Fluid Temperature	0 to 40°C		
Pump	Structure	Impeller	Vortex	
		Shaft Seal	Double Mechanical Seal	
		Bearing	Double-shielded Ball Bearing	
	Materials	Impeller	Glass-fiber Reinforced Resin	
		Casing	Glass-fiber Reinforced Resin	
Shaft seal	Silicon Carbide			
Motor	Type, Pole		Dry-type Submersible Induction Motor, 2-pole	
	Insulation		Class E	
	Phase		Single-phase	
	Starting Method		Capacitor Run	
	Protection Device (Built-in)		Miniature Thermal Protector	
	Lubricant		Liquid Paraffin (ISO VG32)	
	Materials	Frame	304 Stainless Steel	
		Shaft	420 Stainless Steel	
Cable		PVC		
Discharge Connection		Screwed Flange		

### Applications

- Pumping rainwater and springwater from basement
- Circulating water in waterscape garden (e.g. waterfall, fountain, koi pond, etc.)

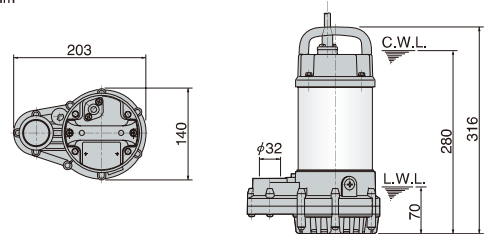
### Performance Curves

Standard and Automatic models have the identical performance.



### Dimensions

Unit: mm



C.W.L.: Continuous Running Water Level  
L.W.L.: Lowest Running Water Level

### Model Selection

Discharge Bore mm	Model		Motor Output kW	Phase	Starting Method	Solids Passage mm	Dry Weight kg		Cable			
	Standard	Automatic					Standard	Automatic	100-240V		Length m	Material
									Cores × mm <sup>2</sup>	Outer Dia. mm		
32	OM3	OMA3	0.15	Single	Capacitor Run	10	5.9	6.1	3 × 0.75	9.2	3	PVC

• Weights excluding cable

We reserve the right to change the specifications and designs for improvement without prior notice.

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