

VORTEX PUMPS



VORTEX

SUBMERSIBLE MIXER PUMPS

Operating Conditions

1. Ambient temperature: 0°C~40°C.
2. Liquid temperature: 0°C~40°C.
3. 24Hr continuously running is allowed.

Applications

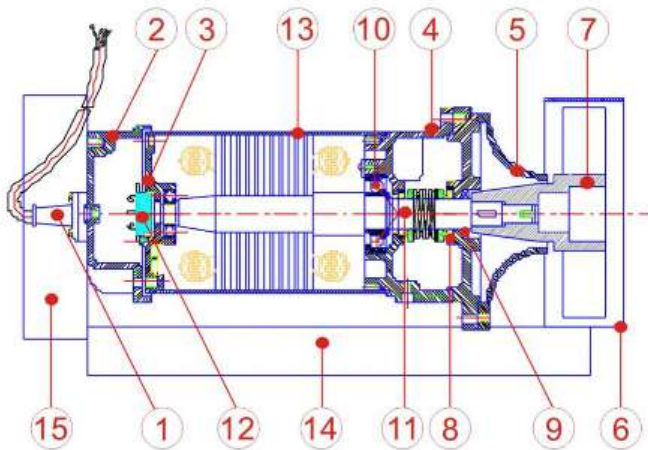
1. Wastewater treatment of all industries.
2. River, ponds, lakes dredging.
3. Artificial flow of amusement facilities.
4. Mix and agitate impurities in the water.

Motor Spec.

1. Voltage: Only Three phase
2. Frequency: 50HZ
3. Enclosed class: IP68
4. Insulation: F
5. Pole: 4P
6. Built in motor overload protector

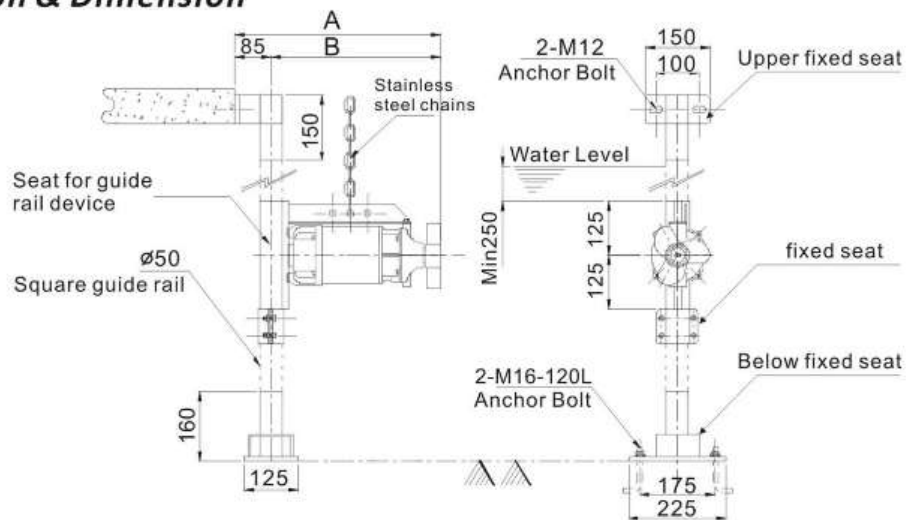


Construction



| NO. | NAME | MATERIAL |
|-----|----------------------------|-------------|
| 1 | Cable | UL_STOW |
| 2 | Motor upper cover | FC200 |
| 3 | Bearing housing | FC200 |
| 4 | Bracket | FC200 |
| 5 | Inlet housing | FC200 |
| 6 | Jet Ring | SUS304 |
| 7 | Mixer impeller | FCD450 |
| 8 | Mechanical seal | SIC/SIC |
| 9 | Oil seal | VITON |
| 10 | Bearing | (NTN brand) |
| 11 | Shaft | SUS304 |
| 12 | Overload protector | (T.I.brand) |
| 13 | Motor housing | SUS304 |
| 14 | Support base | SUS304 |
| 15 | Seat for guide rail device | SUS304 |

Specification & Dimension



| Model | Output | | Pole | Capacity | Flow Speed | Dimensions(mm) | |
|-----------|--------|-----|------|----------|------------|----------------|-----|
| | KW | HP | | | | A | B |
| VSM - 05T | 0.40 | 1/2 | 4 | 108 | 1.78 | 480 | 395 |
| VSM - 10T | 0.75 | 1 | 4 | 192 | 2.02 | 510 | 425 |
| VSM - 20T | 1.50 | 2 | 4 | 270 | 2.50 | 632 | 567 |
| VSM - 30T | 2.20 | 3 | 4 | 408 | 3.50 | 652 | 587 |

VORTEX[®] PUMPS



THT

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