

Vortex impeller



U 3-phase
50Hz

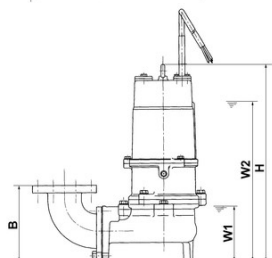
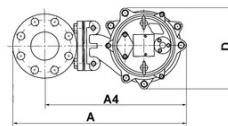
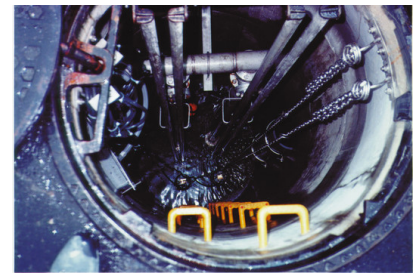
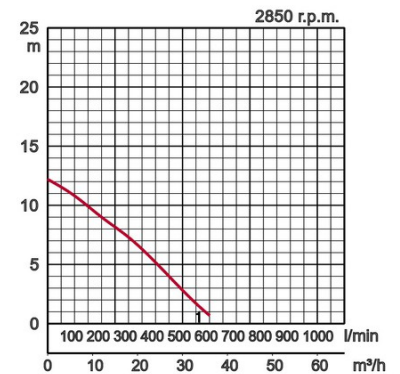
Specifications:

| manual | Model | | Colour code curve | Bore mm | Power output kW | Phases | r.p.m. | Head max. m | Capacity max. l/min | Starting method | Dry weight kg without cable | | Impeller passage mm |
|--------|---------------|-------------------------|-------------------|---------|-----------------|--------|--------|-------------|---------------------|-----------------|-----------------------------|-------------------------|---------------------|
| | free standing | with guide rail fitting | | | | | | | | | free standing | with guide rail fitting | |
| | 80U2.75 | TOS80U2.75 | ● 1 | 80 | 0,75 | 3 | 2850 | 12,2 | 450 | direct | 29,0 | 24,0 | 46 |

Vortex impeller with wide pump casing, preventing clogging by solids and fibrous matter.



| | | | |
|----------------------|----------------------------|--|--------------------------------|
| Discharge bore mm | | 80mm | |
| Pumping Fluid | Temperature | 0-40°C | |
| | Type of Fluid | Municipal sewage, water with solids | |
| Pump | Components | Impeller | Vortex impeller |
| | | Shaft Seal | Double mechanical seal |
| | | Bearings | Shielded ball bearings |
| | Material | Impeller | Grey iron casting EN-GJL-200 |
| | | Casing | Grey iron casting EN-GJL-200 |
| | | Shaft Seal | Silicon carbide in oil bath |
| Motor | Type, Poles | | Induction motor, 2 poles, IP68 |
| | Lubrication | | Turbine oil (ISO VG32) |
| | Insulation | | Insulation class E |
| | Motor Protector (built-in) | | Circle thermal cut-out |
| | Phase / Voltage | | 3-phase / 400V / 50Hz / d.o.l. |
| | Material | Casing | Grey iron casting EN-GJL-150 |
| Shaft | | Stainless steel EN-X6Cr13 | |
| Cable | | Rubber, 10m H07RN-F | |
| Discharge Connection | | Inside thread, JIS10K flange | |
| Optional Accessories | | Guide rail fitting "TOS" (guide support, duck foot bend, lifting chain) / Bend and stand set for free standing types | |



| Model | A | A4 | B | D | H | W1 | W2 |
|---------|-----|-----|-----|-----|-----|-----|-----|
| 80U2.75 | 383 | 329 | 173 | 172 | 421 | 130 | 385 |

W1: lowest running water level