

Vortex impeller



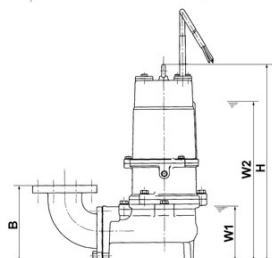
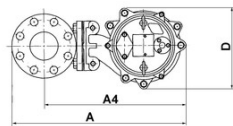
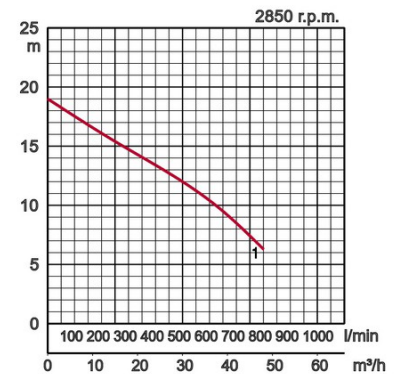
U 3-phase
50Hz

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 |
| | 80U22.2 | 1 | 80 | 2,2 | 3 | 2850 | 19,0 | 800 | direct | 55,0 | 56 |



| | | | |
|----------------------|----------------------------|--|--------------------------------|
| 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 F |
| | 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-X30Cr13 | |
| 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 |
|---------|-----|-----|-----|-----|-----|-----|-----|
| 80U22.2 | 502 | 410 | 225 | 240 | 562 | 160 | 490 |

W1: lowest running water level