

Vortex impeller



150UY

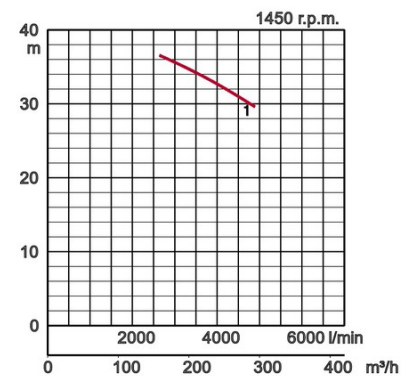
3-phase
50Hz

Specifications:

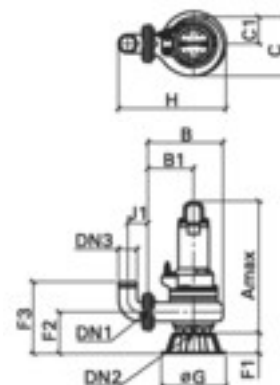
| Model | | Colour code curve | Bore mm | Power output kW | Phases | r.p.m. | Head max. m | Capacity max. l/min | Starting method | Dry weight kg without cable | | Impeller passage mm |
|---------------|-------------------------|-------------------|---------|-----------------|--------|--------|-------------|---------------------|-----------------|-----------------------------|-------------------------|---------------------|
| free standing | with guide rail fitting | | | | | | | | | free standing | with guide rail fitting | |
| 150UY446.1H | TOS150UY446.1 | 1 | 150 | 46,1 | 3 | 1450 | 36,5 | 4890 | star/delta | 590,9 | 556,4 | 100 |



| | | | |
|----------------------|----------------------------|--|------------------------------------|
| Discharge bore mm | | 150mm | |
| Pumping Fluid | Temperature | 0-35°C | |
| | Type of Fluid | Municipal sewage | |
| Pump | Components | Impeller | Vortex impeller |
| | | Shaft Seal | Double mechanical seal |
| | | Bearings | Shielded ball bearings |
| | Material | Impeller | Grey iron casting EN-GJL-250 |
| | | Casing | Grey iron casting EN-GJL-250 |
| | | Shaft Seal | SiC, upper in oil bath |
| Wearing | Bronze | | |
| Motor | Type, Poles | | Induction motor, 4 poles, IP68 |
| | Lubrication | | Turbine oil (ISO VG32) |
| | Insulation | | Insulation class H |
| | Motor Protector (built-in) | | Miniature protector |
| | Phase / Voltage | | 3-phase / 400V / 50Hz / s.d. |
| | Material | Casing | Grey iron casting EN-GJL-250 |
| | | Shaft | Stainless steel EN-X5CrNiMo17-12-2 |
| Cable | | Rubber, 10m H07RN8-F | |
| Discharge Connection | | Flange DIN/ANSI DN150 (PN10) | |
| Optional Accessories | | Guide rail fitting "TOS" (guide support, duck foot bend, lifting chain) / Bend and stand set for free standing types | |



| Model | A | B | B1 | C | C1 | DN1 | DN2 | DN3 | F1 | F2 | F3 | G | H | J1 |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| 150UY446.1H | 409 | 620 | 380 | 464 | 232 | 150 | 200 | 6" | 250 | 380 | 666 | 600 | 1037 | 273 |



W1: lowest running water level