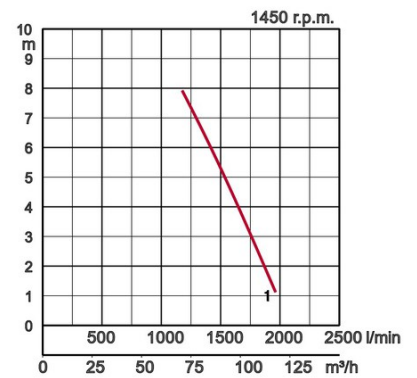


Specifications:

| Model | Colour code curve | Bore mm | Motor output kW | Rated current A | Head max. m | Capacity max. l/min | Dry weight kg w/o cable | Max. solid handling ø mm | Pressure resistance max. m | Cable length m |
|-----------|-------------------|---------|-----------------|-----------------|-------------|---------------------|-------------------------|--------------------------|----------------------------|----------------|
| 100UY45.0 | ● 1 | | | 9,9 | 7,9 | 1962 | 131,7 | | 20 | |

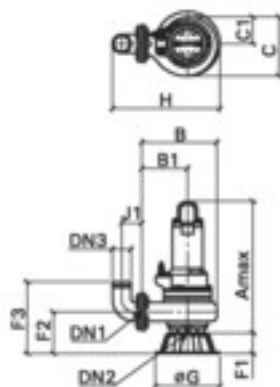
3.7 kW version available in d.o.l. or star-delta

| | | | | |
|----------------------|----------------------------|--|------------------------------------|--|
| ø Discharge bore mm | | 100mm | | |
| Pumping Fluid | Temperature | 0-40°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 | Phase / Voltage | | 3-phase / 400V / 50Hz / s.d. | |
| | Type, Poles | | Induction motor, 4 poles, IP68 | |
| | Motor Protector (built-in) | | Miniature protector | |
| | Lubrication | | Turbine oil (ISO VG32) | |
| | Insulation | | Insulation class H | |
| | 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 DN100 (PN10) | | |
| Optional Accessories | | Guide rail fitting "TOS" (guide support, duck foot bend, lifting chain) / Bend and stand set for free standing types | | |



Dimensions in mm:

| Model | A | B | B1 | H |
|-----------|-----|-----|-----|-----|
| 100UY45.0 | 774 | 438 | 280 | 657 |



W1: lowest running water level

Please mind: discharge bend, duck foot bend and stand set are accessories and must be ordered separately