

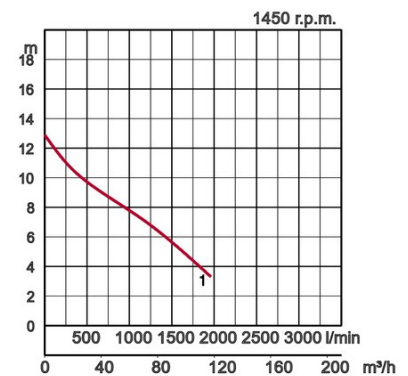


## Specifications:

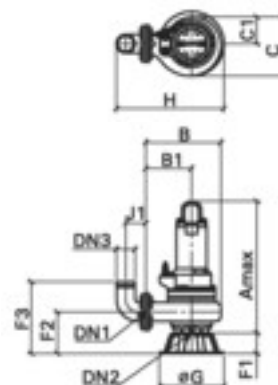
| Model         |                         | Colour code curve | Bore mm | Power output kW | Phases | r.p.m. | Head max. m | Capacity max. l/min | Starting method | Dry weight kg without cable |                         | Impeller passage mm |
|---------------|-------------------------|-------------------|---------|-----------------|--------|--------|-------------|---------------------|-----------------|-----------------------------|-------------------------|---------------------|
| free standing | with guide rail fitting |                   |         |                 |        |        |             |                     |                 | free standing               | with guide rail fitting |                     |
| 100BPM42.9L   | TOS100BPM42.9           | 1                 | 100     | 2,9             | 3      | 1450   | 12,8        | 2000                | direct          | 130,0                       | 130,0                   | 80                  |

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   | Single channel 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 / d.o.l.  |
|                      | Material                   | Casing   | Grey iron casting EN-GJL-250    |
|                      |                            | Shaft  | Stainless steel EN-X14Cr-Mo-S17 |
| 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 |                                 |



| Model       | A   | B   | B1  | C   | C1  | DN1 | DN2 | DN3 | F1  | F2  | F3  | G   | H   | J1  |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 100BPM42.9L | 714 | 360 | 200 | 315 | 155 | 100 | 100 | 4"  | 125 | 218 | 403 | 395 | 577 | 122 |



W1: lowest running water level