

# Canal impeller



**B** 3-phase  
50Hz

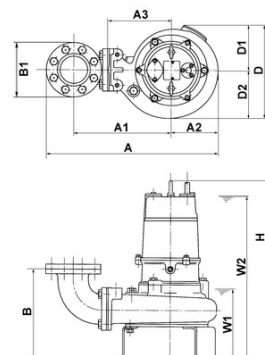
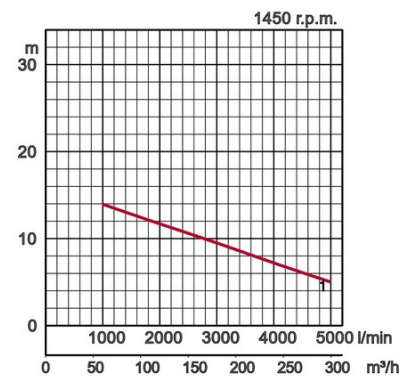
## Specifications:

| 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 |                     |
| 150B47.5L     | TOS150B47.5L            | ● 1               | 150     | 7,5             | 3      | 1450   | 13,95       | 5000                | direct          | 200,0                       | 175,0                   | 60                  |



|                      |                            |                              |                                |
|----------------------|----------------------------|------------------------------|--------------------------------|
| ø Discharge bore mm  |                            | 150mm                        |                                |
| Pumping Fluid        | Temperature                | 0-40°C                       |                                |
|                      | Type of Fluid              | Municipal sewage             |                                |
| Pump                 | Components                 | Impeller                     | Non-clog 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   |
|                      |                            | Suction Plate                | Grey iron casting EN-GJL-200   |
|                      | Shaft Seal                 | Silicon carbide in oil bath  |                                |
| Motor                | Type, Poles                |                              | Induction motor, 4 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-200   |
|                      |                            | Shaft                        | Stainless steel EN-X30Cr13     |
| Cable                |                            | Rubber, 10m H07RN-F          |                                |
| Discharge Connection |                            | Inside thread, JIS10K flange |                                |

### Optional Accessories



| Model     | A   | A1  | A2  | A3  | B   | B1  | D   | D1  | D2  | H    | W1  | W2  |
|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|
| 150B47.5L | 871 | 503 | 228 | 320 | 515 | 280 | 486 | 232 | 254 | 1085 | 450 | 955 |

W1: lowest running water level

Updated 02/2018

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