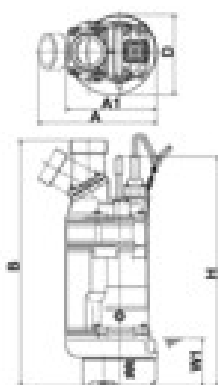
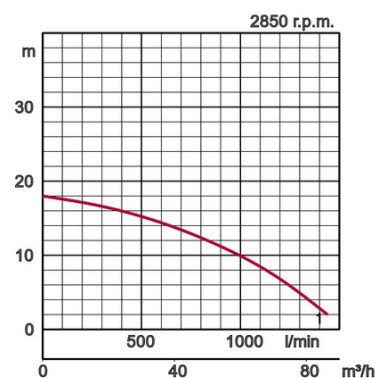


## Specifications:

| 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 |
|---------|-------------------|---------|-----------------|-----------------|-------------|---------------------|-------------------------|--------------------------|----------------------------|----------------|
| KTZ43.7 | 1                 | 100     | 3,7             | 7,7             | 18,0        | 1440                | 62,0                    | 8,5                      | 25                         | 20             |

|                      |                            |   |                                   |  |
|----------------------|----------------------------|---|-----------------------------------|--|
| ø Discharge bore mm  |                            | 100   |                                   |  |
| Pumping Fluid        | Temperature                | 0-40°C  |                                   |  |
|                      | Type of Fluid              | Spring water, Rain water, Ground water, Sand carrying water |                                   |  |
| Pump                 | Components                 | Impeller  | Semi-open type impeller           |  |
|                      |                            | Shaft Seal  | Double mechanical seal            |  |
|                      |                            | Bearings  | Shielded ball bearings            |  |
|                      | Material                   | Impeller  | Chromium iron casting             |  |
|                      |                            | Casing  | Grey iron casting EN-GJL-200      |  |
|                      |                            | Suction Plate   | Ductile iron casting EN-GJS-500-7 |  |
|                      |                            | Shaft Seal  | Silicon carbide in oil bath       |  |
| Motor                | Type, Poles                |   | Induction motor, 2 poles, IP68    |  |
|                      | Lubrication                |   | Turbine oil (ISO VG32)            |  |
|                      | Motor Protector (built-in) |   | Circle thermal cut-out            |  |
|                      | Insulation                 |   | Insulation class F                |  |
|                      | Phase / Voltage            |   | 3-phase / 400V / 50Hz / d.o.l.    |  |
|                      | Material                   | Casing  | Grey iron casting EN-GJL-200      |  |
|                      |                            | Shaft   | Stainless steel EN-X30Cr13        |  |
| Cable                |                            | Rubber, NSSHÖU  |                                   |  |
| Discharge Connection |                            | Threaded flange/Hose coupling                               |                                   |  |



## Dimensions in mm:

| Model   | A   | A1  | B   | D   | H   | W1  |
|---------|-----|-----|-----|-----|-----|-----|
| KTZ43.7 | 283 | 213 | 687 | 252 | 637 | 150 |

W1: lowest running water level

In the event of abrasive and corrosive utilization, stronger wear and tear will take place naturally in certain components. In this regard, please pay attention to our website [www.tsurumi.eu/english/applications.htm](http://www.tsurumi.eu/english/applications.htm).