

## KTH150-22

### Submersible Dewatering Pump

Submersible drainage pump made of cast iron for long-lasting durability. High maximum submersion depth due to double mechanical seal, resistant to high-pressure.

Suitable for civil engineering and construction works, as well as mines and quarries.

Our KT range of pumps have been designed in the UK.



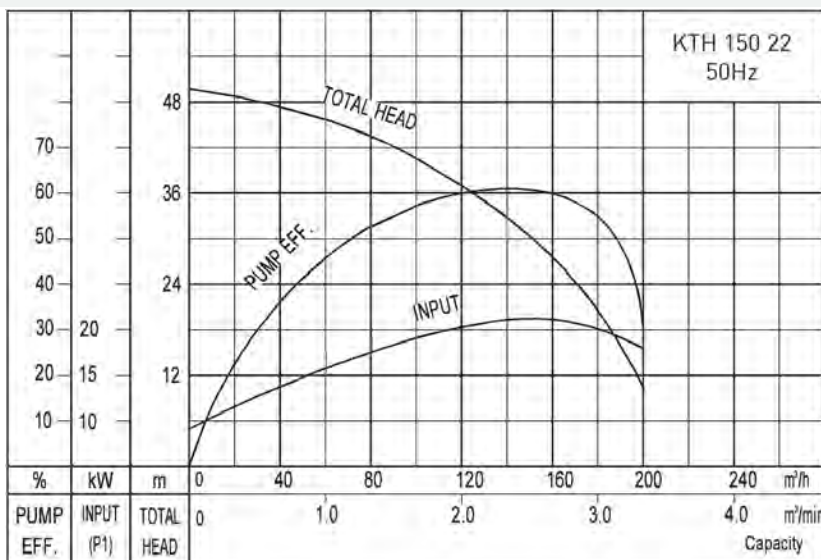
#### Features

- Capacity: up to 200m<sup>3</sup>/h
- Head: up to 50m
- Power: 22kW
- Power supply: three-phase 400V ±10%, 50Hz
- Insulation class: F
- Protection class: IP68
- Cable length: 20m
- Water temperature: up to 40°C
- Max. water depth: 30m
- Star-Delta Starting Method

#### Technical Details

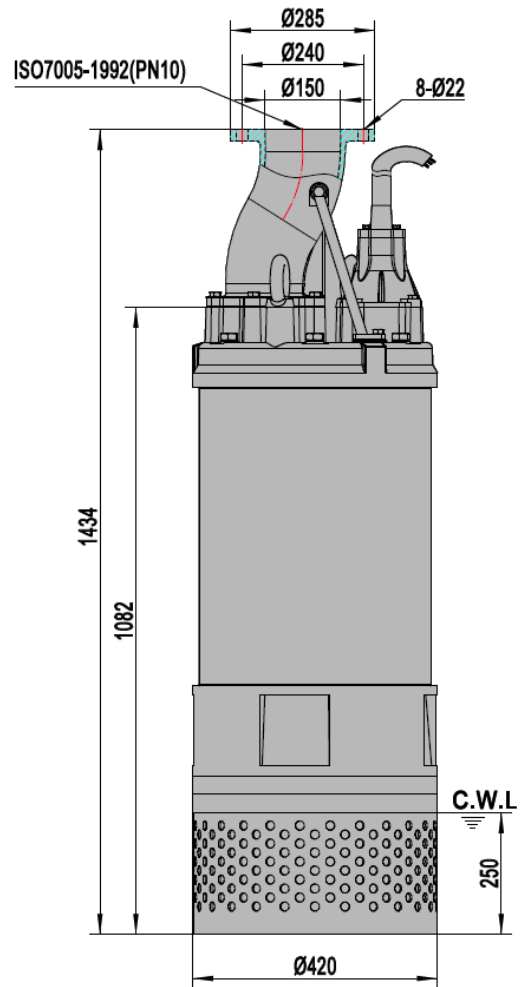
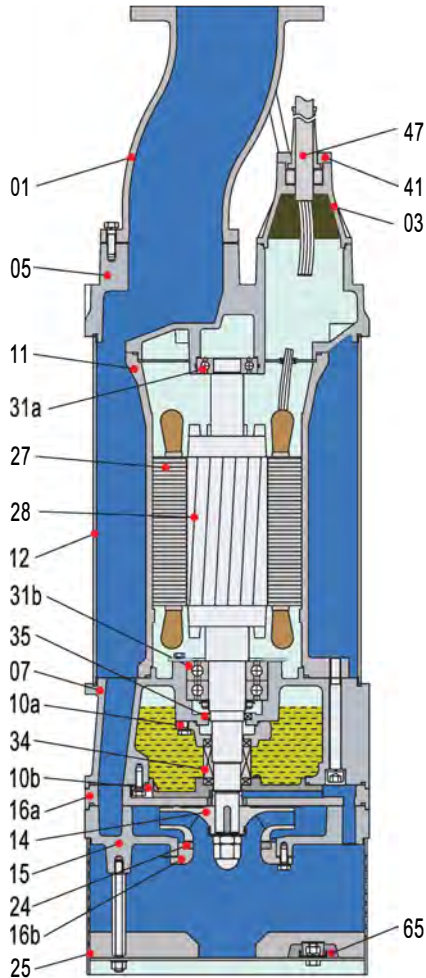
| TYPE       | OUTLET | MOTOR POWER |    | RATED CURRENT A | MAX HEAD m | MAX CAPACITY m <sup>3</sup> /h | FREE PASS AGE mm | WEIGHT kg |
|------------|--------|-------------|----|-----------------|------------|--------------------------------|------------------|-----------|
|            | mm     | kW          | HP |                 |            |                                |                  |           |
| KTH 150 22 | 150    | 22          | 30 | 41.5            | 50         | 200                            | 15               | 385       |

#### Performance Data



T-T DATA1932: 01/07/2021

Parts & Materials



| Item No. | Part name     | Material          | Item No. | Part name                 | Material          |
|----------|---------------|-------------------|----------|---------------------------|-------------------|
| 01       | Hose coupling | Ductile iron      | 24       | Neck ring                 | High chrome alloy |
| 03       | Terminal box  | Cast iron         | 25       | Strainer                  | AISI304SS         |
| 05       | Upper cover   | Cast iron         | 27       | Stator                    |                   |
| 07       | Bearing house | Cast iron         | 28       | Rotor                     | Shaft:AISI420SS   |
| 10a      | Seal bracket  | Cast iron         | 31a      | Bearing                   | Ball bearing      |
| 10b      | Seal bracket  | Cast iron         | 31b      | Bearing                   | Ball bearing      |
| 11       | Motor body    | Cast iron         | 34       | Mechanical seal           | Tc-Sic/Sic-Sic    |
| 12       | Outer casing  | Steel             | 35       | Oil seal                  |                   |
| 14       | Impeller      | High chrome alloy | 41       | Cable fixing plate        | Cast iron         |
| 15       | Diffuser      | Ductile iron      | 47       | Cable                     |                   |
| 16a      | Inlet plate   | Ductile iron      | 65       | Cathodic protection plate | AL                |
| 16b      | Inlet plate   | Cast iron         |          |                           |                   |

C.W.L.: Continuous Running Water Level.