DESIGNED IN THE UK

Kino Titan™

# KTS 150-7.5 Submersible Drainage Pump

A compact, high performance submersible drainage pump with exceptional durability for handling abrasive liquids, widely used in general construction and civil engineering.

The KTS range of pumps are designed for continuous operation, and features a stainless steel outer casing, with cast iron inner casing, utilising a dynamically balanced high chrome steel impeller, and a double mechanical seal. Incorporating effective motor cooling due to the discharge channel cast as part of the motor housing, and hermetically sealed motor with built in thermal protection.

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

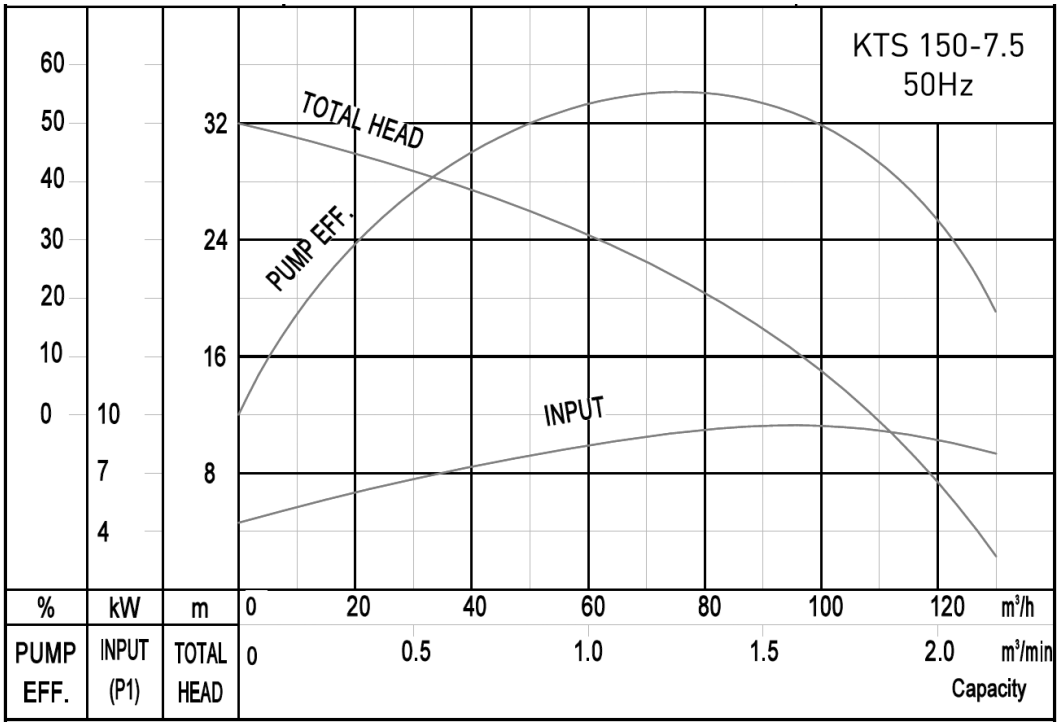
## Features

- Capacity: Up to 130m³/h
- Head: Up to 32m
- Discharge: 150mm (6")
- Power: 7.5kW
- Power Supply: Three Phase 400v
- Starting Method: Direct on line
- Insulation class: F
- Protection class: IP68
- Standard cable length: 15m
- Water temperature: up to 40°C
- Max. Water depth: 25m
- Cable: 4G4.0mm²

## Technical Details

| RPM (2 pole) | PUMP | PRODUCT CODE | OUTLET | OUTPUT | | MAXIMUM | | FREE PASSAGE | CABLE LENGTH | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | mm | Amp | kW | HEAD m | CAPACITY m³/h | mm | m | kg |
| 2900 | KTS 150-7.5 | PO/KTS150-7.5 | 150 | 15 | 7.5 | 32 | 130 | 19.5 | 15 | 110 |

## Performance Details



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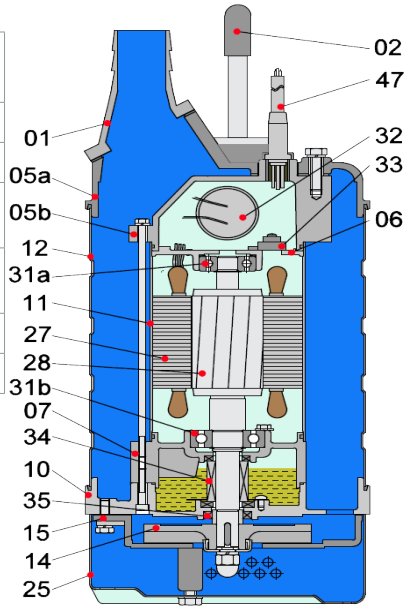
## Part & Material List

**KTS(M) 50 1.5 - KTS 150 11**

| PART No. | PART | MATERIAL |
|---|---|---|
| 01 | Hose coupling | Cast iron |
| 02 | Handle | Rubber & steel |
| 05 | Upper cover | Cast iron |
| 06 | Bearing House | Cast Iron |
| 10 | Seal Bracket | Cast Iron |
| 11 | Motor Casing | St. Steel |
| 12 | Outer Casing | St. Steel |
| 14 | Impeller | High Chrome Alloy |
| 15 | Diffuser | Ductile Iron |
| 25 | Strainer | Steel |
| 27 | Stator | |
| 28 | Rotor | AISI420SS |

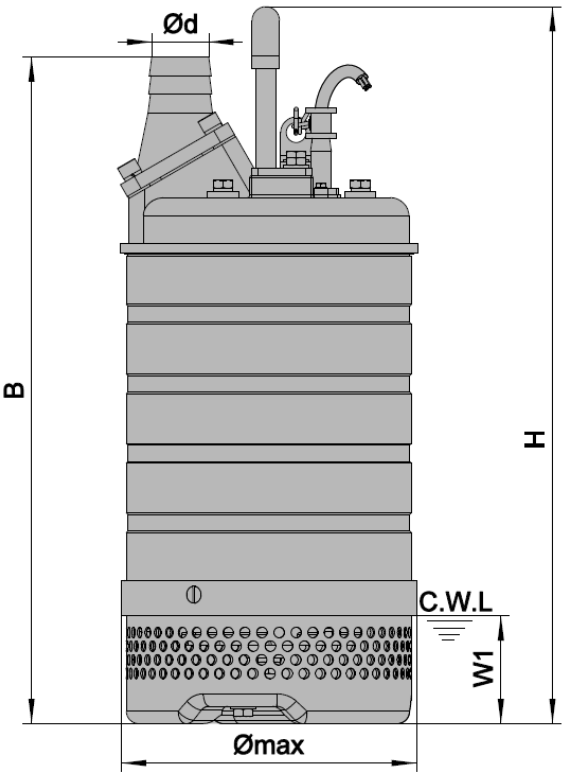
| PART No. | PART | MATERIAL |
|---|---|---|
| 31 | Bearing | Ball Bearing |
| 32 | Capacitor | (Single Ph Only) |
| 33 | Motor Protection | |
| 34 | Mechanical Seal | Sic-Sic/Carbon-Sic(≤2.2kW) Sic-Sic/Sic-Sic(3.7-5.5kW) |
| 35 | Oil Seal | |
| 47 | Cable | H07RN-F |




## Dimensions

**KTS(M) 50 1.5 - KTS 150 11**

| TYPE | Ød mm | H mm | B mm | Ømax mm | W1 mm | WEIGHT kg |
|---|---|---|---|---|---|---|
| KTSM 50 1.5 | 50 | 582 | 560 | 240 | 87 | 37 |
| KTSM 80 1.5 | 80 | 582 | 567 | 240 | 87 | 37 |
| KTS 50 1.5 | 50 | 563 | 540 | 240 | 87 | 37 |
| KTS 80 1.5 | 80 | 563 | 547 | 240 | 87 | 37 |
| KTS 50 2.2 | 50 | 563 | 540 | 240 | 87 | 40 |
| KTS 80 2.2 | 80 | 563 | 547 | 240 | 87 | 40 |
| KTS 50 3.7 | 50 | 515 | 591 | 300 | 76 | 58 |
| KTS 80 3.7 | 80 | 515 | 591 | 300 | 76 | 58 |
| KTS 100 3.7 | 100 | 515 | 616 | 300 | 76 | 59 |
| KTS 80 5.5 | 80 | 555 | 631 | 300 | 76 | 66 |
| KTS 100 5.5 | 100 | 555 | 656 | 300 | 76 | 67 |
| KTS 100 7.5 | 100 | 700 | 810 | 355 | 142 | 108 |
| KTS 150 7.5 | 150 | 700 | 810 | 355 | 142 | 110 |
| KTS 100 11 | 100 | 745 | 855 | 355 | 142 | 123 |
| KTS 150 11 | 150 | 745 | 855 | 355 | 142 | 125 |




W1:Continuous running water level



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