DESIGNED IN THE UK

Kino Titan™

KTS 100-3.7 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.

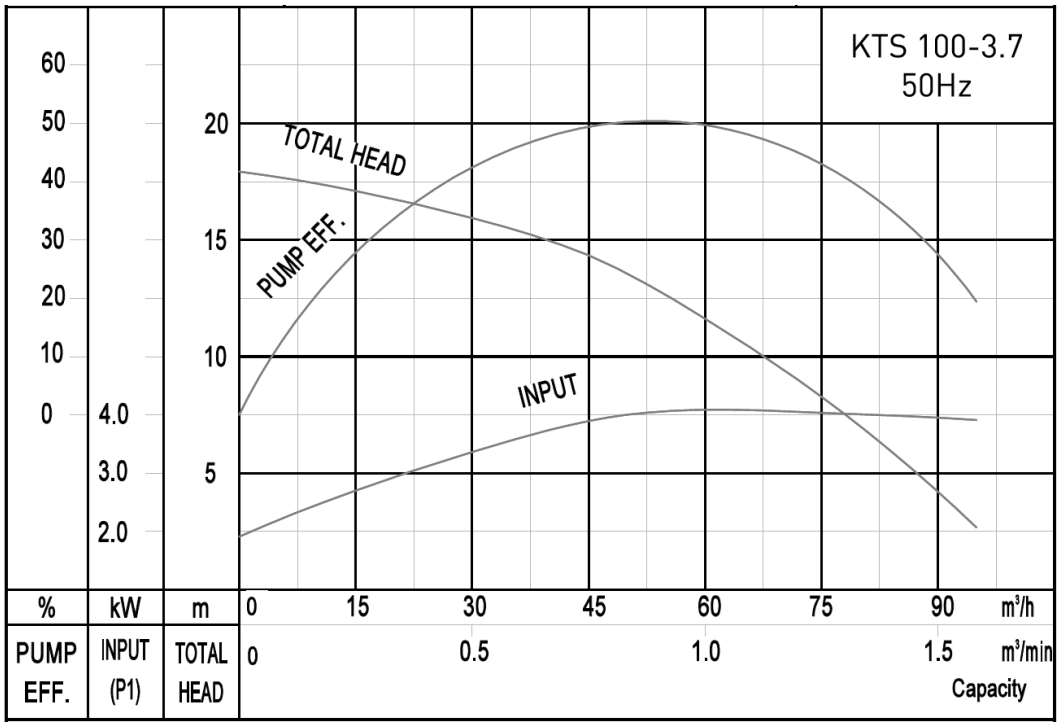
Features

- Capacity: Up to 95m³/h
- Head: Up to 18m
- Discharge: 100mm (4")
- Power: 3.7kW
- 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: 4G1.5mm²

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 100-3.7	PO/KTS100-3.7	100	7.7	3.7	18	95	8.5	15	59

Performance Details



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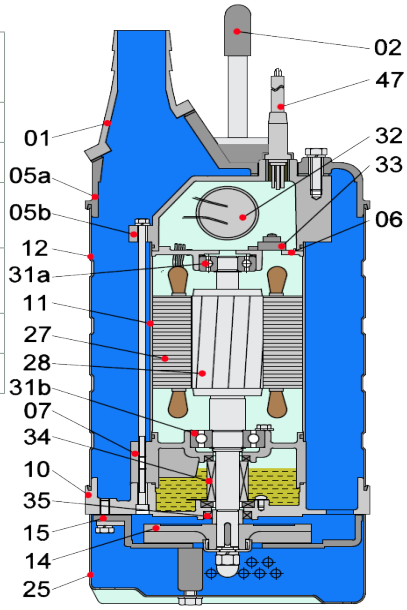
DESIGNED IN THE UK

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

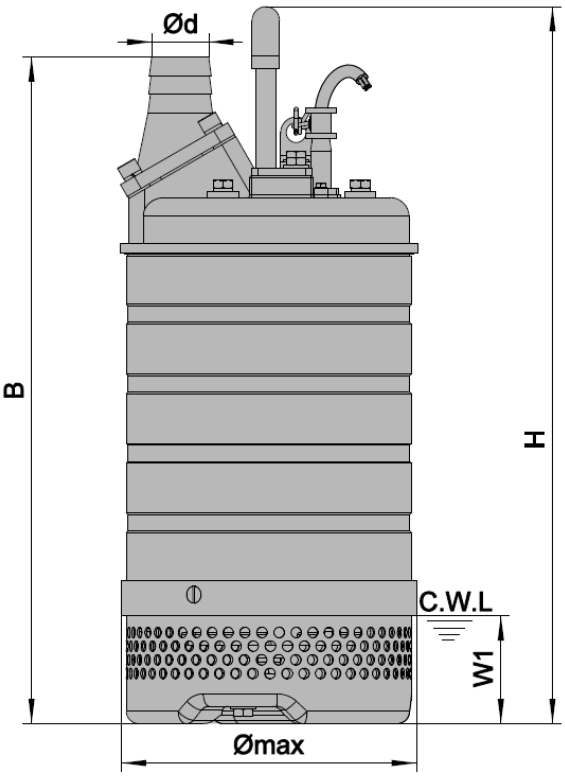
PART No.	PART	MATERIAL
31	Bearing	Ball Bearing
32	Capacitor	(Single Ph Only)
33	Motor Protection	
34	Mechanical Seal	Sic-Sic/Carbon-Sic(≤2.2kW) Sic-Sic/Sic-Sic(3.7-5.5kW)
35	Oil Seal	
47	Cable	H07RN-F



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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