

# Pump Motors IP 68

Submersible flameproof electrical motors 4KTS for under water operations



Maximal depth 12 m

TENV – Totally Enclosed, Non Ventilated

Thermal overload protection with PTC or PTO

Insulation class F

Modular construction



## We provide individual solutions as standard

BARTEC develops and manufactures electric motors and electrical equipment for safe and reliable solutions in power, lighting, control and monitoring applications.

### Our production program includes:

- Electric motors
- Special motors and special solutions
- Switches and controllers
- Lighting systems

Choose a strong partner for safety in hazardous areas. Make your decision for BARTEC, the specialists are experts in Safe.t® Technology.

# Submersible flameproof electrical motors Type 4 KTS



Motor Type 4 KTS

Our experience in hazardous areas and our flexibility permit us to answer the most special requirements for different applications of flame-proof motors.

## Applications

Industrial areas where the motors should sometimes run under the water and sometimes in hazardous areas.

For Example: in sewage systems for drive pumps, grinders, valves...

## Features

- Maximal depth 12 m
- TENV – Totally Enclosed, Non Ventilated
- ATEX certificate, marking II 2G Ex de IIB T4 Gb
- IECEx certificate, marking Ex d e IIB T4 Gb
- Certified for inverter duty application 25 Hz to 60 Hz
- Duty cycle S1 to S9
- Thermal overload protection with PTC or PTO
- Insulation class F
- Standard arrangements by the IEC 60 034-7, EN 60 034-7, IM B3/B5
- Modular construction
- Cast iron
- Stainless steel name plate
- Three phase
- Squirrel cage rotor
- Maximal ambient temperature 40 °C
- Leakage detection as option
- Special mechanical arrangements
- Special paint
- Special voltages up to 690 V

Electrical motors Type 4 KTS						
Frame size	Type	Power (kw)	Current (A)	Voltage (V)	Speed (rpm)	Duty cycle
90	4KTS 90 S-4	0.55	1.3	400	1420	S1 to S9
	4KTS 90 L-4	0.75	1.7	400	1430	S1 to S9
100	4KTS 100 LB-4	1.5	3.1	400	1425	S1 to S9
132	4KTS 132 S-4	2.2	4.5	400	1448	S1 to S9
160	4KTS 160 M-4	3.7	7.2	400	1470	S1 to S9

