

## SUBMERSIBLE MOTORS, SERIES 4 KTS

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- Maximal depth 12 m
- TENV – Totally enclosed, non ventilated
- Thermal overload protection with PTC or PTO
- Insulation class F
- Modular construction

**Submersible flameproof motors IP 68**

Our experience in hazardous areas and our flexibility permit us to answer the most special requirements for different applications of flameproof motors. Industrial areas where motors should sometimes run under water and sometimes in hazardous areas, for example in sewage systems for drive pumps, grinders, valves, etc.

**Explosion protection**

ATEX	II 2G Ex db e IIB T4/T3 Gb
Certification	SIQ 14 ATEX 039 X
IECEX	Ex db e IIB T4/T3
Certification	IECEX SIQ 14.0002 X

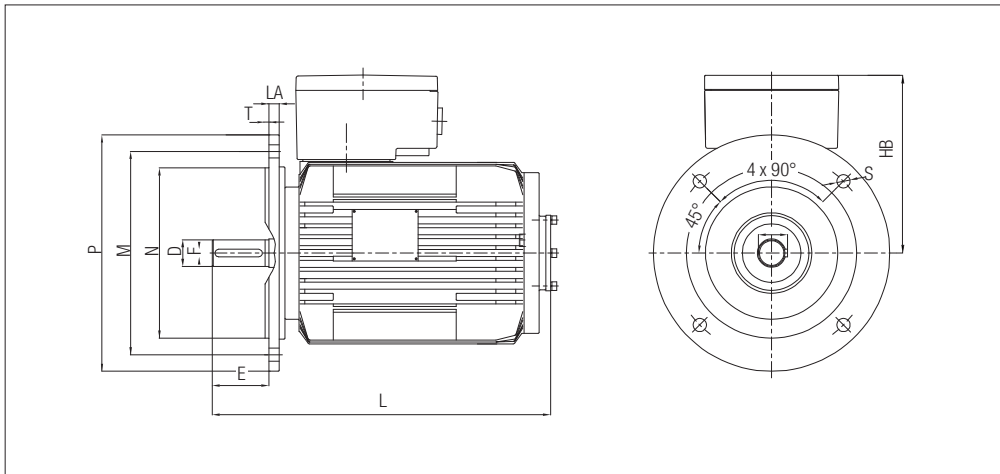
Other approvals and certificates, see [www.bartec.de](http://www.bartec.de)

**Additional options**

Maximal depth	12 m
TENV – Totally Enclosed	Non Ventilated
ATEX certificate	marking II 2G Ex db e IIB T4 Gb
IECEX certificate	marking Ex db 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
Maximal ambient temperature	40 °C
Special voltages	up to 690 V
Modular construction	Cast iron Stainless steel name plate Three phase Squirrel cage rotor

Leakage detection as option, Special mechanical arrangements, Special paint





## Dimensions

Frame size	Flange	D	E	F	G	HB	L	LA	M	N	P	S	No. of fixing holes	T	
4KTS 90	S, L	F 165-I	24	50	8	27	181	323	10	165	130	200	12	4	3.5
4KTS 100	L	F 215-I	28	60	8	31	188	358	11	215	180	250	14	4	4
4KTS 132	S, M	F 265-I	38	80	10	41	218	469	12	265	230	300	14	4	4
4KTS 160	M, L	F 300-I	42	110	12	45	276	604	15	300	250	350	18	4	5
4KTS 180	M, L	F 300-I	48	110	14	51	316	627	15	300	250	350	18	4	5

