

# T3A90S-4 1,1KW 230/400V B14 ATEX ZON 2/22

## Three-phase asynchronous motor in aluminum

Motor type T3A90S-4 1,1KW 230/400V B14 ATEX ZON 2/22  
 Brand BUSCK  
 Item number Q3040903e

Voltage V	Power kW	Frequency Hz	Current A	Speed rpm
230	1,1	50	4,43	1440
400	1,1	50	2,55	1440
460	1,27	60	2,55	1728

Duty	S1	Efficiency class	IE3
Enclosure	IP65	Efficiency, load 100%	84,1
Insulation class	F	Efficiency, load 75%	84,1
Cooling	IC411 (TEFC)	Efficiency, load 50%	81,8
Max. ambient temp.	40°C	Power fact, load 100%	0,74
Min. ambient temp.	-20°C	Painting	Standard
Max. temp. rise	80 K	Color	RAL 9005
Max altitude, masl	1000	Weight kg	15,1
Torque, Nm	7,3	Sound pressure Lp dB(A)	61
Starting torque ratio	3,7	Bearing DE	6205-2Z/C3
Pull up torque ratio	3,1	Bearing NDE	6205-2Z/C3
Pull out torque ratio	3,8	Balance grade	Normal
Starting current ratio	7,7	Inertia kgm <sup>2</sup>	0,00384
Winding protection	Thermistors	Cable entries	1xM20

Note ATEX II 3 D Ex tc IIIC T125°C Dc ZONE 22  
 ATEX II 3 G Ex nA IIC T4 Gc ZONE 2  
 IP65, Termistorer

