

# T3CR280S-6 45KW 230/400V B3

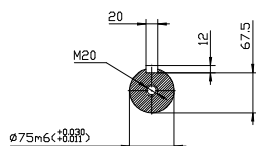
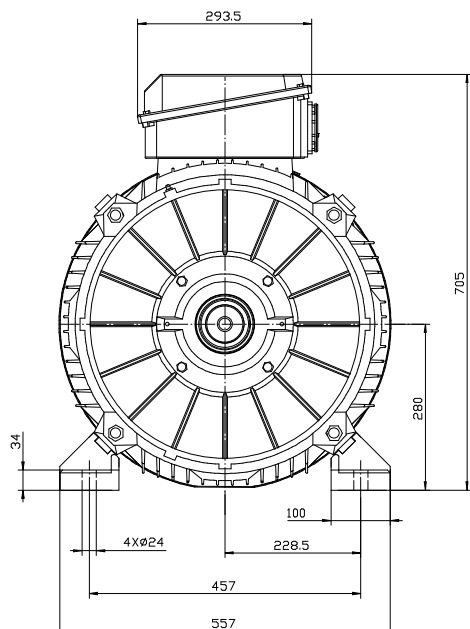
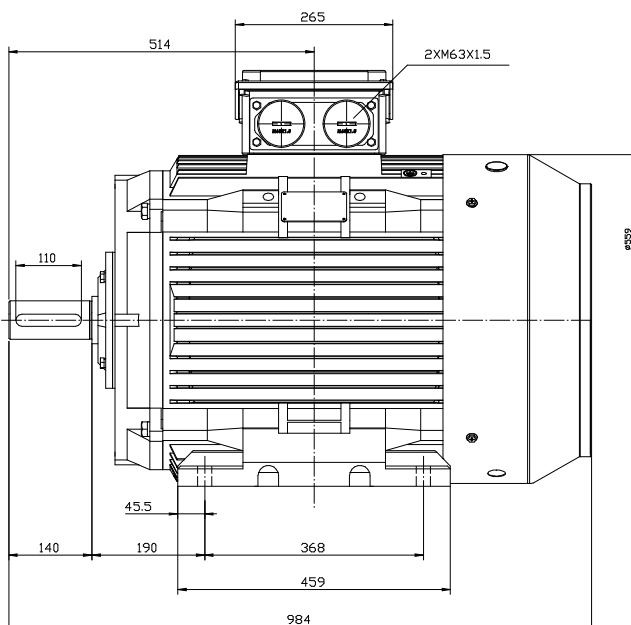
## Three-phase asynchronous motor in cast iron

Motor type T3CR280S-6 45KW 230/400V B3  
 Brand BUSCK  
 Item number 93A62801T

Voltage V	Power kW	Frequency Hz	Current A	Speed rpm
230	45	50	145,3	980
400	45	50	83,5	980
460	51,75	60	83,5	1176

Duty	S1	Efficiency class	IE3
Enclosure	IP55	Efficiency, load 100%	93,7
Insulation class	F	Efficiency, load 75%	94,6
Cooling	IC411 (TEFC)	Efficiency, load 50%	92,7
Max. ambient temp.	45°C	Power fact, load 100%	0,83
Max. temp. rise	80 K	Painting	Standard
Max altitude, masl	1000	Color	RAL 9005
Torque, Nm	438,52	Weight kg	485
Starting torque ratio	2,5	Sound pressure Lp dB(A)	80
Pull up torque ratio	1,8	Bearing DE	6316 C3
Pull out torque ratio	2,8	Bearing NDE	6316 C3
Starting current ratio	10	Balance grade	Normal
Winding protection	Thermistors	Inertia kgm <sup>2</sup>	2,20274
This motor has DNV type approval		Cable entries	2xM63, 1xM16

Note IE3



TC 280S-4.6.8P B3