

T3CR280M-2 90KW 500V B35

Three-phase asynchronous motor in cast iron

Motor type T3CR280M-2 90KW 500V B35
Brand BUSCK
Item number 93C22814T

Voltage V	Power kW	Frequency Hz	Current A	Speed rpm
500	90	50	120,2	2960
575	103,5	60	120,2	3552

Duty	S1	Efficiency class	IE3
Enclosure	IP55	Efficiency, load 100%	95
Insulation class	F	Efficiency, load 75%	95,2
Cooling	IC411 (TEFC)	Efficiency, load 50%	94,3
Max. ambient temp.	45°C	Power fact, load 100%	0,91
Max. temp. rise	80 K	Painting	Standard
Max altitude, masl	1000	Color	RAL 9005
Torque, Nm	290,37	Weight kg	550
Starting torque ratio	2,5	Sound pressure Lp dB(A)	94
Pull up torque ratio	1,8	Bearing DE	6316 C3
Pull out torque ratio	2,6	Bearing NDE	6316 C3
Starting current ratio	10	Balance grade	Normal
Winding protection	Thermistors	Inertia kgm ²	0,98168
This motor has DNV type approval		Cable entries	2xM63, 1xM16

Note IE3

