

ALPHA



Technical Data Sheet

Model T1C 801-8

Housing material		Casting iron
Phase		Three
Frame size		80
Power(50Hz)	kW	0,18
Current(A)525V	Δ	0,64
Current(A)550V	Δ	0,61
Speed(50Hz)	(r/min)	680
Efficiency	IE1	
	Eff.100%	51,00
	Eff.75%	52,50
	Eff.50%	48,50
Power factor cosφ	100% load	0,61
60Hz 600V	Power(kW)	0
Speed(60Hz)	(r/min)	816
Regulations		IEC / DIN / ISO / VDE / EN
Standard		IEC 60034
Ambient Temp.		-20°C ~ +40°C
Maximum altitude		1000 m above sea level

Rated torque(N.m)	3,50
Tst/Tn (Times)	1,5
Tmax/Tn (Times)	1,7
Tmin/Tn (Times)	1,3
Ist/In (Times)	2,8
Bearings type(DE)	6204-2RZ
Bearings type(NDE)	6204-2RZ
Oil seals	20*34*7
Cable glands	1-M20*1.5
Insulation class	F
Protection degree	IP 55
Thermal protection	Without
Rotation direction	Clockwise
Service duty	S1
Balance	Half-key balanced
Cooling	IC 411
Noise dB(A)	52
Net weight(kg)	15,00
Moment of inertia (kg*m²)	0,002137644



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