

ALPHA



Technical Data Sheet

Model T1C 802-4

Housing material		Casting iron
Phase		Three
Frame size		80
Power(50Hz)	kW	0,75
Current(A)525V	Δ	1,53
Current(A)550V	Δ	1,46
Speed(50Hz)	(r/min)	1420
Efficiency	IE1	
	Eff.100%	72,10
	Eff.75%	79,20
	Eff.50%	76,80
Power factor cosφ	100% load	0,75
60Hz 600V	Power(kW)	1
Speed(60Hz)	(r/min)	1704
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)	5,04
Tst/Tn (Times)	2,3
Tmax/Tn (Times)	2,6
Tmin/Tn (Times)	2
Ist/In (Times)	6
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)	58
Net weight(kg)	14,60
Moment of inertia (kg*m²)	0,001680000



Bearings & Seals
Chains & Sprockets
Electric Motors & Drives
Belts & Pulleys
Gearboxes & Couplings
Lubricants & Tools
Field Services

Tel: +27 11 899 0000
Email: info@bearings.co.za
www.bearings.co.za