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Technical Data Sheet

Model **T3AB 90L-6**

Housing material		Aluminum
Phase		Three
Frame size		90
Power(50Hz)	kW	1.10
Current(A)230v	Δ	5.07
Current(A)400V	Y	2.93
Speed(50Hz)	(r/min)	950
Efficiency	IE3	
	Eff.100%	81.00
	Eff.75%	81.10
	Eff.50%	78.40
Power factor cosφ	100% load	0.67
60Hz 265/460V	Power(kW)	1.27
60Hz 276/480V	Power(kW)	1.32
Speed(60Hz)	(r/min)	1140
BLC brake		BLC457-10
Brake torque(Speed100r/min)(Nm)		23
Regulations		IEC / DIN / ISO / VDE / EN
Standard		IEC 60034
Ambient Temp.		-20°C ~ +40°C

Rated torque(N.m)	11.06
Tst/Tn (Times)	2.7
Tmax/Tn (Times)	2.9
Tmin/Tn (Times)	2.5
Ist/In (Times)	5.2
Bearings type(DE)	6205-2RZ
Bearings type(NDE)	6205-2RZ
Oil seals	25x37x7
Cable glands	1-M20*1.5
Insulation class	F
Protection degree	IP 55
Thermal protection	PTC 130°C
Rotation direction	Clockwise
Service duty	S1
Balance	Half-key balanced
Cooling	IC 411
Noise dB(A)	59
Net weight(kg)	20.54
Moment of inertia（kg*m²）	0.005487386
Maximum altitute	1000 m above sea level

Up to 3.0KW supplied with 205Vdc brake and full wave rectifier, 4.0KW and above supplied with 190Vdc brake and half wave rectifier. All prices include manual hand release. * The torque figures are set and cannot be changed. If different values are required please refer to our retrofit range.