

DATA SHEET**SQUIRREL CAGE INDUCTION MOTOR**

Type:	AVRT 560-10
Reference standard:	EN 60034-1
Output (KW):	1600
Stator voltage (V):	6000
Stator current (A):	200
Frequency (Hz)	50
Stator connection	DELTA
Speed (r.p.m):	594
Direction of rotation viewed from DE:	BOTH
Protection degree:	IPW 24
Mounting:	B3
Bearings type:	DE: 23044 CC/W33 - SKF/FAG ODE: NU 1034 MC3 – SKF/FAG
Lubrication:	GREASE-LGEP2-SKF
Insulation class/temperature rise:	F (155°C) /B (130°C)
Cooling:	IC 01
*Efficiency at : 4 / 4 load (%)	95.8
*Efficiency at : 3 / 4 load (%)	95.6
*Efficiency at : 2 / 4 load (%)	95.2
*Power factor at: 4 /4 load	0.8
*Power factor at: 3 /4 load	0.77
*Power factor at: 2 /4 load	0.67
*Break-down torque:	2.4
*Locked rotor torque:	0.8
*Locked rotor current	6
Rated torque (Nm):	25750
Ambient : max. temperature (°C)	40
humidity at 20°C (%)	80
Number of starts / hour: -cold conditions:	3
-hot conditions:	2
Weight (kg):	9700
Rotor GD2 (Kgm ²)	1300
Moment of inertia (J = Kgm ²)	325
Rated duty	S1
Dimensions drawing	AG 56-19
Stator winding RTD's	6xPt 100 ohms at 0 °C
Bearings RTD:	2xPt 100 ohms at 0 °C
Space heaters:	2x500 W,220 V,a.c
SPM nipple M8	2 pcs.

The value marked with * are guaranteed within the limits of tolerances specified in IEC 34-1.