



Nr.:

Date: 13/01/2011

## DATA SHEET

### Three-phase Induction Motor - Squirrel Cage

Customer :  
Product line : W21 - Aluminium Frame - EFF2 Improved Efficiency

Frame : 90S/L  
Output : 1.5 kW  
Frequency : 50 Hz  
Poles : 4  
Rated speed : 1410  
Slip : 6.00  
Rated voltage : 230/400 V  
Rated current : 5.81/3.34 A  
L. R. Amperes : 32.0/18.4 A  
I/I<sub>n</sub> : 5.5  
No load current : 3.65/2.10 A  
Rated torque : 10.16 Nm  
Locked rotor torque : 230 %  
Breakdown torque : 240 %  
Design : N  
Insulation class : F  
Locked rotor time : 8 s (hot)  
Service factor : 1.00  
Duty cycle : S1  
Ambient temperature : -20°C - +40°C  
Altitude : 1000 m.a.s.l  
Enclosure : IP55  
Aprox. weight : 16.6 kg  
Moment of inertia : 0.00476 kgm<sup>2</sup>  
Sound Pressure Level : 49 db(A)

	Front	Rear	Load	Power factor	Efficiency (%)
Bearing	6205 ZZ	6204 ZZ	100%	0.82	77.5
Regreasing int.	---	---	75%	0.73	77.0
Grease amount	---	---	50%	0.58	75.0

Notes:

\*The values shown are subject to change without prior notice. Noise level with tolerance of +3 dB(A).

Performed:

Checked:

Version 6.0.15