



Weg Indústrias S.A.

Nr.: 38846/2001

Date: 11-DEC-2001

## DATA SHEET

### Three-phase Induction Motor - Squirrel Cage

Customer : ABSOLENT  
Product code :  
Product line : High Efficiency

Frame : 132S  
Output : 7,5 kW (10 HP-cv)  
Frequency : 60 Hz  
Poles : 2  
Rated speed : 3515 rpm  
Slip : 2,36 %  
Rated voltage : 575 V  
Rated current : 9,57 A  
L. R. Amperes : 71,8 A  
I/In : 7,5  
No load current : 3,44 A  
Rated torque : 2,08 kgfm  
Locked rotor torque : 230 %  
Breakdown torque : 300 %  
Design : N  
Insulation class : F  
Temperature rise : 60 K  
Locked rotor time : 22 s (hot)  
Service factor : 1,00  
Duty cycle : S1  
Ambient temperature : 40°C  
Altitude : 1000 m.a.s.l  
Enclosure : IP55  
Mounting : B5T  
Rotation : Both  
Approx. weight : 65 kg  
Moment of inertia : 0,02430 kgm<sup>2</sup>  
Noise level : 72 dB(A)

|                         | Front   | Rear    | Load | Power factor | Efficiency (%) |
|-------------------------|---------|---------|------|--------------|----------------|
| Bearing                 | 6308-ZZ | 6207-ZZ | 100% | 0,88         | 89,5           |
| Regreasing int.         | ----    | ----    | 75%  | 0,85         | 89,0           |
| Grease amount           | ----    | ----    | 50%  | 0,77         | 88,0           |
| Grease based on Lithium |         |         |      |              |                |

Notes:

The indicated values are guaranteed data, within permissible tolerances under IEC 34-1.

Performed  
ROBERTOC

Checked

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Approved