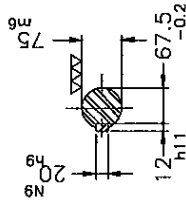
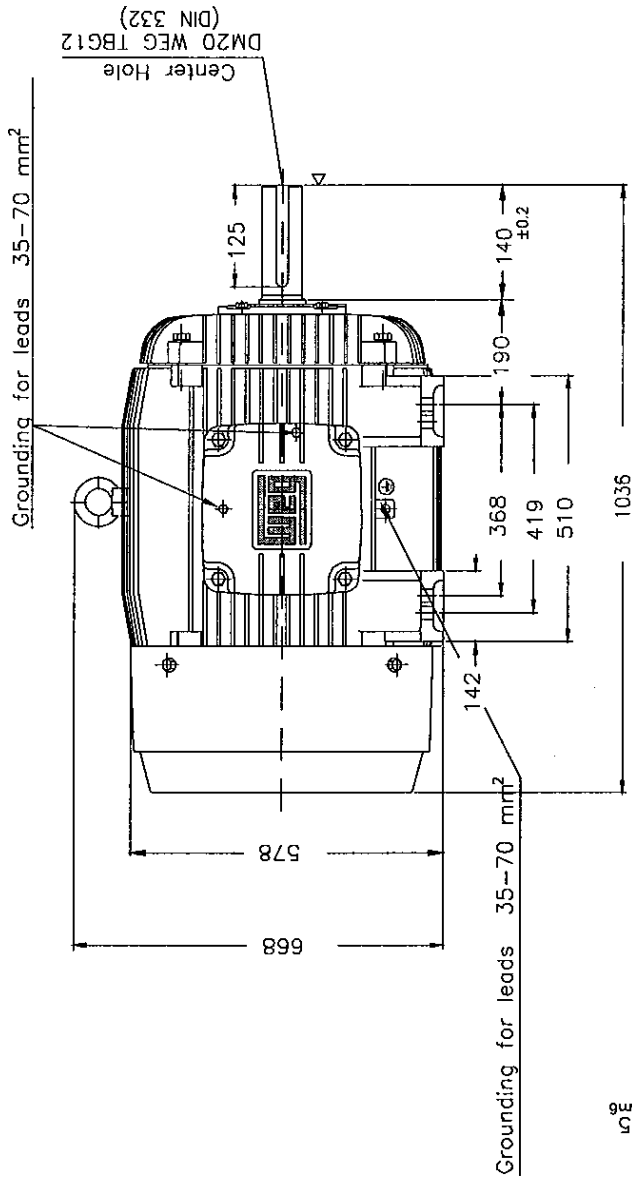
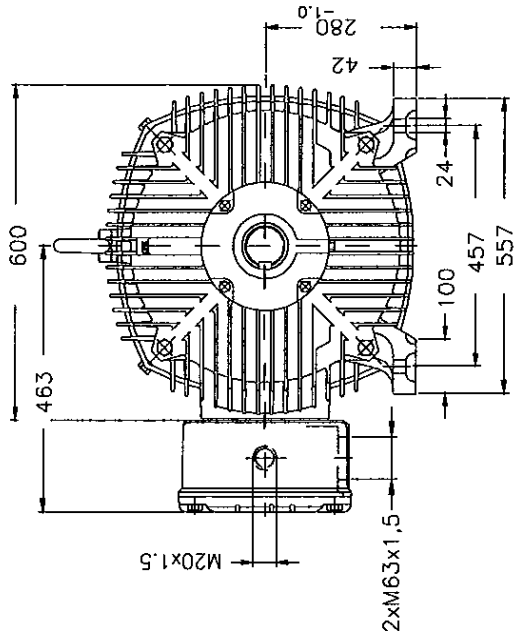


A MENOS QUE HAJA AUTORIZAÇÃO PREVIA NÃO SERÁ PERMITIDO A REPRODUÇÃO DESTE DESENHO DE PROPRIEDADE DA WEG MOTORES			
EXC	PADRÃO	X	
	OPCIONAL		
	ESPECIAL		



**CERTIFIED
WEG MOTORES**
Certified document.
Not subject to changes.

THIS IS AN UPDATED REVISION, THE PREVIOUS
ONE MUST BE DISREGARDED.

Plano de pintura 203A / Paint plan 203A
Permatex no encaxe das tampas / Permatex on endbells fitting
Isolamento classe F (Dt=80K) / Class F insulation - 80K temperature rise
Fator de Serviço 1.00 / Service factor 1.0
Vedação - Retentor de viton com Mola / Sealing - Viton Oil seal ring
Formo Construtivo B30 / Mounting - B31(D)

R/LM	LOC	ENGINEERING CHANGES	DRAWN	REVIEWED	RELEASED	DATE	IND
	ALCHINI						
DRAWN	ALCHINI						
REVIEWED	ALCHINI						
RELEASED	ALCHINI						
DATE	25/4/2005						
TERRA NOVA TECHNOLOGIES							
THREE PHASE PREMIUM EFFICIENCY MOTOR							
A FRAME 280S/M IP56							

90 kW	4 POLE	50 Hz	X19841.05 MEC
75 kW	4 POLE	50 Hz	X19841.04 MEC



ME
SCALE: %
E3011786



Weg Indústrias S.A.

Nr.: 17010/2005

Date: 03-MAY-2005

DATA SHEET

Three-phase Induction Motor - Squirrel Cage

Customer : TERRA NOVA TECHNOLOGIES
Product code :
Product line : Premium Efficiency

Frame : 280S/M
Output : 75 kW
Frequency : 50 Hz
Poles : 4
Rated speed : 1485 rpm
Slip : 1,00 %
Rated voltage : 380 V
Rated current : 136 A
L. R. Amperes : 979 A
II/In : 7,2
No load current : 39,0 A
Rated torque : 356 ft.lb
Locked rotor torque : 220 %
Breakdown torque : 260 %
Design : N
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 38 s (hot)
Service factor : 1,00
Duty cycle : S1
Ambient temperature : 40°C
Altitude : 1000 m.a.s.l
Enclosure : IP56
Mounting : B3L(D)
Rotation : Both
Aprox. weight* : 1455 lb
Moment of inertia : 51,44640 sq.ft.lb
Sound Pressure Level : 70 dB(A)

CERTIFIED
WEG MOTORES
Certified document.
Not subject to changes.

	Front	Rear	Load	Power factor	Efficiency (%)
Bearing	6316-C3	6316-C3	100%	0,88	95,2
Regreasing int.	10420 h	10420 h	75%	0,85	95,1
Grease amount	34 g	34 g	50%	0,79	93,9
Grease - Polyrex EM - ESSO					

Notes:

The figures given herewith are regarded as guaranteed values and applied to sinoid power supplied motors, within permissible tolerances under IEC 60034-1. Noise level with tolerance of +3 dB(A).

Performed
LUIZS

Checked
DONIZETI

Revision
Nr.: 00 Date: 03-MAY-2005

Approved

*Weight value can be changed without previous notification.



Weg Indústrias S.A.

Nr.: 17011/2005

Date: 03-MAY-2005

DATA SHEET

Three-phase Induction Motor - Squirrel Cage

Customer : TERRA NOVA TECHNOLOGIES
Product code :
Product line : Premium Efficiency

Frame : 280S/M
Output : 90 kW
Frequency : 50 Hz
Poles : 4
Rated speed : 1485 rpm
Slip : 1,00 %
Rated voltage : 380 V
Rated current : 163 A
L. R. Amperes : 1270 A
I/In : 7,8
No load current : 45,3 A
Rated torque : 427 ft.lb
Locked rotor torque : 240 %
Breakdown torque : 260 %
Design : N
Insulation class : F
Temperature rise : 80 K
Locked rotor time : 25 s (hot)
Service factor : 1,00
Duty cycle : S1
Ambient temperature : 40°C
Altitude : 1000 m.a.s.l
Enclosure : IP56
Mounting : B3L(D)
Rotation : Both
Aprox. weight* : 1753 lb
Moment of inertia : 66,68984 sq.ft.lb
Sound Pressure Level : 70 dB(A)

CERTIFIED
WEG MOTORES
Certified document.
Not subject to changes.

	Front	Rear	Load	Power factor	Efficiency (%)
Bearing	6316-C3	6316-C3	100%	0,88	95,3
Regreasing int.	10420 h	10420 h	75%	0,85	95,1
Grease amount	34 g	34 g	50%	0,79	94,3
Grease - Polyrex EM - ESSO					

Notes:

The figures given herewith are regarded as guaranteed values and applied to sinoid power supplied motors, within permissible tolerances under IEC 60034-1. Noise level with tolerance of +3 dB(A).

Performed
LUIZS

Checked
DONIZETI

Revision
Nr.: 00 Date: 03-MAY-2005

Approved

*Weight value can be changed without previous notification.