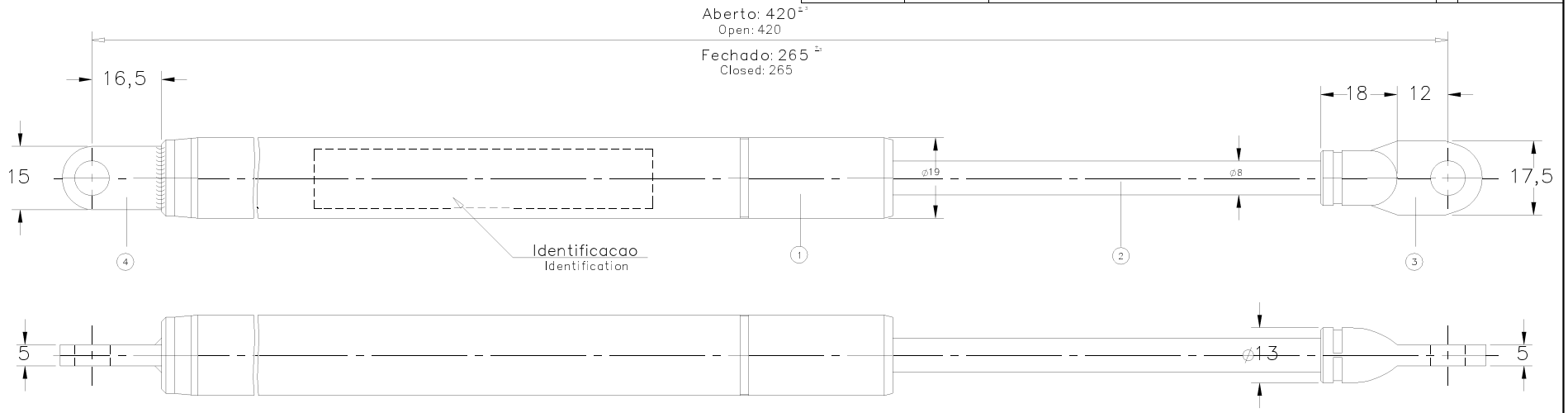
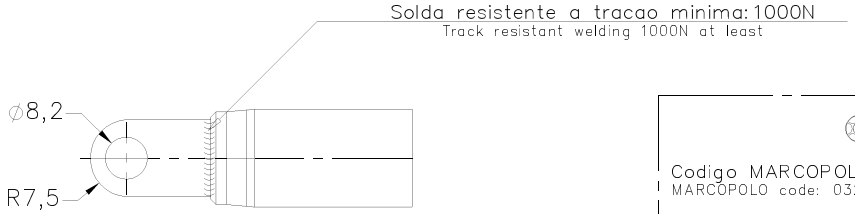
Number	Date	Modification	E	Owner
500000142842	14/11/2013			ANSELMSI
500000235725	01/06/2016	ALTERADO MODELO 3D	I	CLEBEROL





Marcopolo

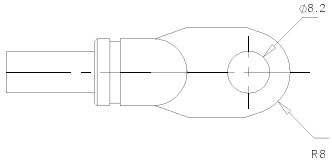
Codigo MARCOPOLO: 03211611-2
MARCOPOLO code: 03211611-2

F1: 42 kgf
F1: 42 kgf

Codigo fornecedor:
Supplier's code:

N° lote:
Lot no.:

Identificacao
Identification



DIAMETRO INT. BUCHA PONTEIRA: 999999,000
INTERNAL DIAMETER EXT. FINISH.
DIAMETRO INT.BUJE PUNTERA:

ESPESSURA PONTEIRA: 999999,000
EXTREMETY FINISHING THICKNESS:
ESPESURA PUNTERA:

DIAMETRO HASTE: 8,000
ROD DIAMETER
DIAMETRO VARILLA

FORCA CILINDRO (KGF/CM2): 42,000
CYLINDER FORCE (KGF/CM2)
FUERZA CILINDRO (KGF/CM2)

CURSO CILINDRO: 155,000
CYLINDER COURSE
CURSO CILINDRO

COMPRIMENTO MENOR: 265,000
SMALLEST LENGHT
LARGURA MENOR

COMPRIMENTO MAIOR: 420,000
LARGEST LENGTH
LARGURA MAYOR

DIAMETRO: 19,000
DIAMETER
DIAMETRO

OBSERVACAO: NÃO TEM
NOTE
OBSERVACION

E M E: PNT_002
ENG. MATER. SPECIFICATION
ESPECIFICACION MATERIAL INGENI

Material
Material

Itens 1 e 4 : Aco ABNT 1008/10 NBR 6006
Items 1 end 4 : Steel ABNT 1008/10 NBR 6006

Acabamento: Pintura epoxi preto fosco
Finish: Dull black epoxi paint

Item 2 : Aco ABNT 1035/1045 NBR 6006
Item 2 : Steel ABNT 1035/1045 NBR 6006

T.S.: Cromo duro (10 um min.)
S.T.: Hard chrome

Item 3 : Aco ABNT 1008/10 NBR 6006
Item 3 : Steel ABNT 1008/10 NBR 6006

T.S.: Fe/Zn 12C2 conf. LTS. 0698611MP

Forcas estaticas a 20°C 2°C
Static forces at 20°C 2°C
F1: 42Kg.±3

Resistencia a tracao do conjunto: 2800N
Track resistant of set: 2800N

OBS.: A mola gás deve ser entregue com embalagem plástica individual
Note: The gas piston should be sent with plastic package for each one

Tolerâncias quando não especificadas
sao conforme DIN ISO 2768-1 classe c = grosso
Where not otherwise specified, tolerances will be in accordance with DIN ISO 2768-1 class c = coarse

Dimensões Longitudinais	0,5 – 3 ±0,2	3 – 6 ±0,3	6 – 30 ±0,5	30 – 120 ±0,8	120 – 400 ±1,2	400 – 1000 ±2	1000 – 2000 ±3	2000 – 4000 ±4
Chanfro e Raio	0,5 – 3 ±0,4	3 – 6 ±1	6 – 30 ±2	Grau e Minuto	até 10 ±1° 30'	10 – 50 ±1°	50 – 120 ±0° 30'	120 – 400 ±0° 15'	acima 400 ±0° 10'

Marcopolo	Scale: 1:2	Date: 02/06/2016	Denomination: MOLA A GAS (PISTAO)
	View System:	Liquid weight(Kg): 0,445	GAS PISTON
	Origin:		PISTON A GAS
	Version: AC		
Project Office: ENO_MP20	Use:		Code: 3211611
Reviewer by SAP Workflow: VIEW IN PLM SYSTEM			
Drawer: CLEBEROL			Class: 99I20I