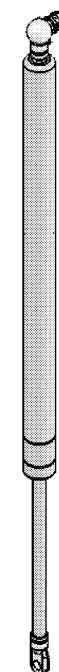
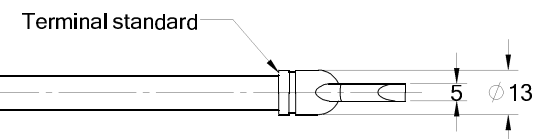
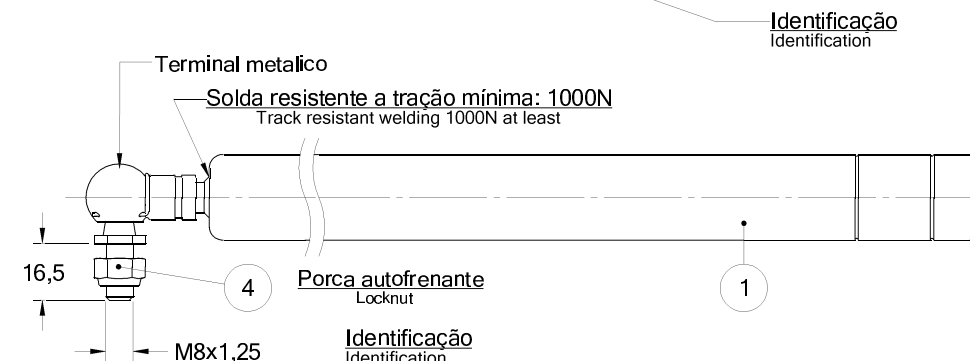
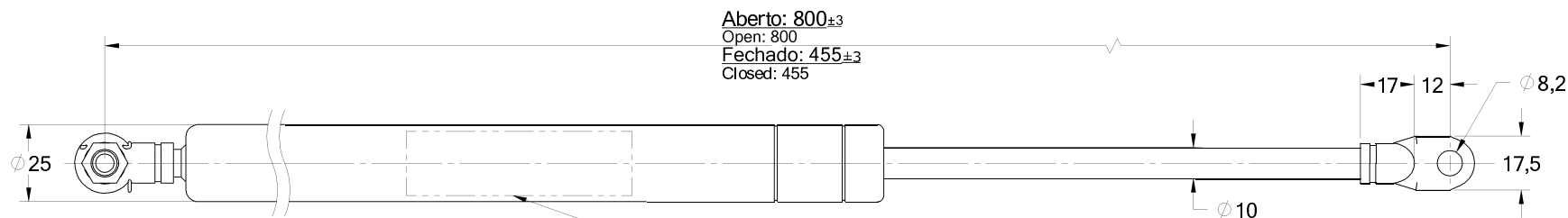




Data	No. CI LAN	Ver	Modification	Request	E	Drawer
500000130845	09/07/2013		ACRESCENTADO ESPECIFICAÇÃO FORÇA AUTO FRENANTE			MAURICAR



Marcopolo	
Codigo MARCOPOL: 10406980	F1: 60 Kgf
MARCOPOL code: 10406980	F1: 60 Kgf
Codigo fornecedor:	Nº Lote:
Supplier's code:	Note nº:

DIAMETRO INT. BUCHA PONTEIRA: 8,200
INTERNAL DIAMETER EXT. FINISH
DIAMETRO INT.BUE PUNTERA

ESPESSURA PONTEIRA: 5,000
EXTREMEY FINISHING THICKNESS:
ESPESURA PUNTERA

DIAMETRO HASTE: 10,000
ROD DIAMETER
DIAMETRO VARILLA

FORÇA CILINDRO (KGF/CM2): 60,000
CYLINDER FORCE (KGF/CM2)
FUERZA CILINDRO (KGF/CM2)

CURSO CILINDRO: 345,000
CYLINDER COURSE
CURSO CILINDRO

COMPRIMENTO MENOR: 455,000
SMALLEST LENGHT
LARGURA MENOR

COMPRIMENTO MAIOR: 800,000
LARGEST LENGTH
LARGURA MAIOR

DIAMETRO: 25,000
DIAMETER
DIAMETRO

OBSERVACAO: NÃO TEM
NOTE
OBSERVACION

E M E: PNT_002

ENG. MATER. SPECIFICATION
ESPECIFICACION MATERIAL INGENI

Materials

Itens 1: Aço ABNT 1008/10 NBR 6006
Items 1: Steel ABNT 1008/10 NBR 6006

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

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

Tratamento superficial: Cromo duro (10 µm mínimo)
Surface treatment: Hard chrome (10 µm mínimo)

Item 3: Aço ABNT 1008/10 NBR6006
Item 3: Steel ABNT 1008/10 NBR6006

Tratamento superficial: Fe/Zn 12C2 conforme STD. 0698611MP
Surface treatment: Fe/Zn 12C2 accordant STD. 0698611MP

Item 4: Porca autofreno M8x1,25 DIN 985 Classe 8
Item 4: Locknut M8x1,25 DIN 985 Class 8

Tratamento superficial: Fe/Zn 12C2 (zincado amarelo)
Surface treatment: Fe/Zn 12C2 (yellow zinc)

Forças estáticas a 20 °C ±2
Static forces at 20 °C ±2

F1: 60 Kgf ±3
F1: 60 Kgf ±3

Resistência a tração do conjunto: 2800 N
Track resistant of assembly: 2800 N

Temperatura máxima de trabalho: 110º (intermitente)
Maximun working temperature: 110º (intermittent)

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

ITEM	CODE	QTY
MOLA A GAS (PISTAO)		
GAS PISTON		
PISTON A GAS		
AC		
10406980		