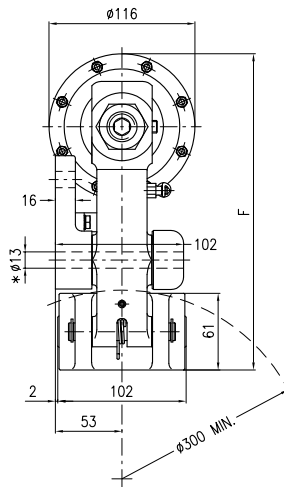
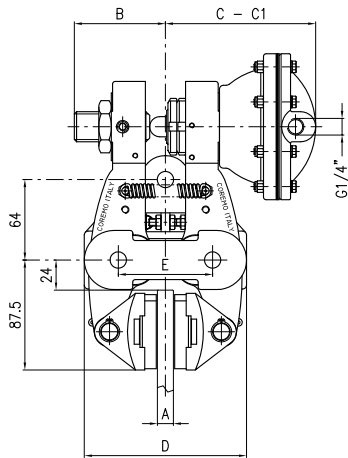


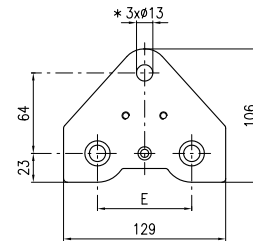
**D1**

# Freno Pneumatico a Pinza - Positivo

## Pneumatic Caliper Brake - Air applied



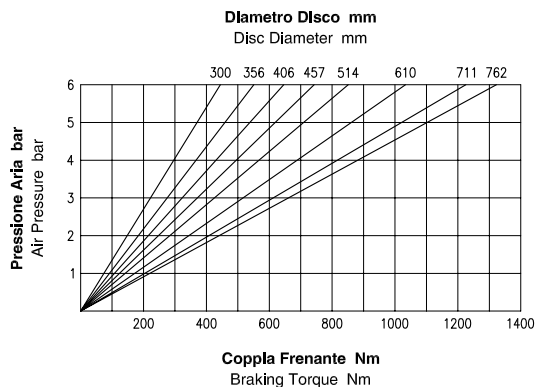
A	B	C	C1 (max)	D	E	F
Spessore Disco Disc Thickness mm	mm	mm	mm	mm	mm	mm
12.7	72.5	119.5	132.5	129	75	251.5
25.4	72	120	133.5	132	84	253
30	83.5	128.5	142	140	75	251.5
40	79	133	145.5	149	84	251.5



**Vista Base di Montaggio**  
Mounting Base View

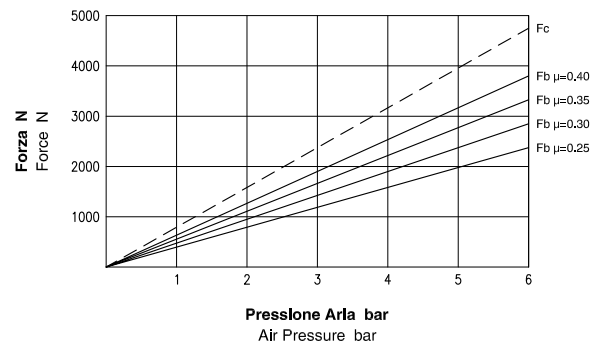
- \* Viti M12 classe 8.8 fornite con la pinza
- \* Bolts M12 grade 8.8 supplied with caliper

### Dati Coppia / Torque data



**Attenzione:** La coppia iniziale può essere inferiore dal 30% al 50% rispetto al valore nominale. **Warning:** The initial braking torque can be from 30% to 50% lower than the nominal value.

### Dati Forza / Force data



**NOTA:** Il grafico riporta l'andamento della forza tangenziale al variare del coefficiente di attrito. **NOTE:** The diagram shows the braking force performance with different friction coefficients.

### Dati Tecnici

**Coefficiente di attrito nominale  $\mu = 0.40$**   
**Forza tangenziale  $F_b = F_c \cdot 2 \cdot \mu$  (N)**

**Forza di chiusura  $F_c$  : 4750 N a 6 bar**  
**Forza tangenziale  $F_b$  : 3800 N a 6 bar**

**Raggio effettivo disco  $R_e =$  Raggio disco (m) - 0.033**  
**Coppia frenante  $M_b = F_b \cdot R_e$  (Nm)**

**Pressione Max : 6 bar**  
**Volume aria : 0.1 dm<sup>3</sup>**

**Peso : 9.8 kg**

**Spessore del ferodo nuovo : 12 mm**  
**Usura Max totale : 11 mm**

### Technical Data

**Nominal friction coefficient  $\mu = 0.40$**   
**Braking force  $F_b = F_c \cdot 2 \cdot \mu$  (N)**

**Clamping force  $F_c$  : 4750 N at 6 bar**  
**Braking force  $F_b$  : 3800 N at 6 bar**

**Effective disc radius  $R_e =$  Disc radius (m) - 0.033**  
**Braking torque  $M_b = F_b \cdot R_e$  (Nm)**

**Max pressure : 6 bar**  
**Air Volume : 0.1 dm<sup>3</sup>**

**Weight : 9.8 kg**

**Thickness of new lining : 12 mm**  
**Max total wear : 11 mm**



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