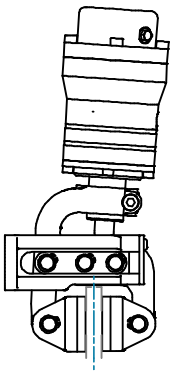
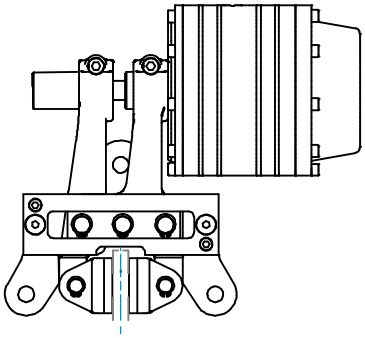
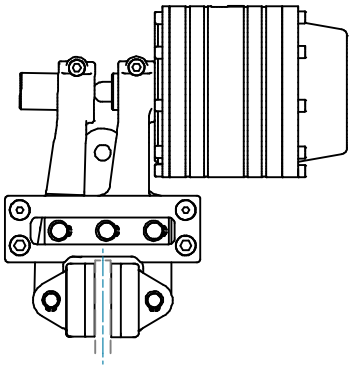


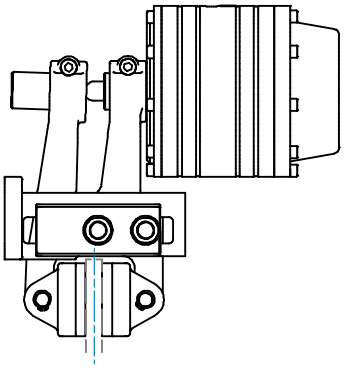
PPD-PN ...
Pag. 62-63



PPF-PN ...
Pag. 64-66



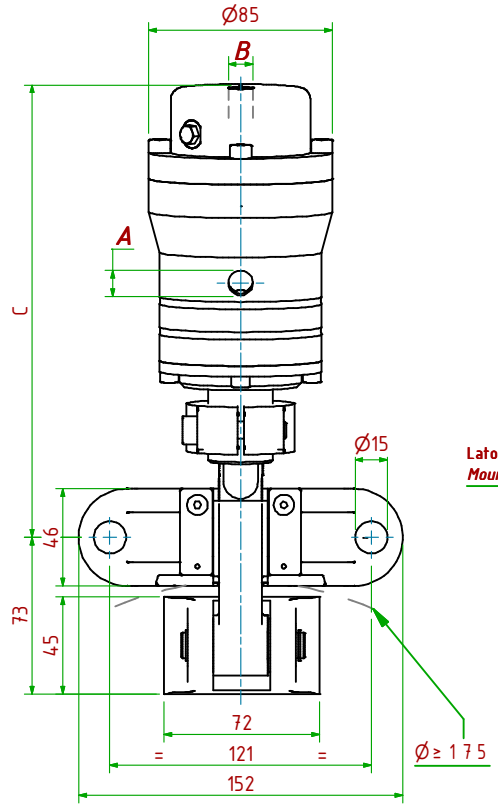
PPH-PN ...
Pag. 67-68

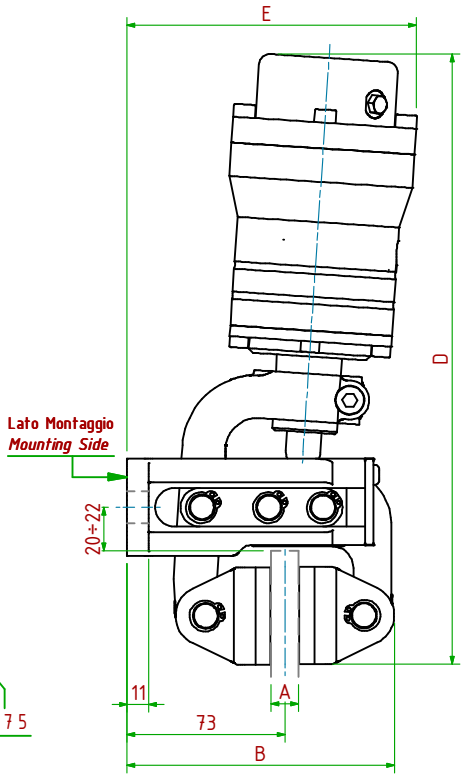


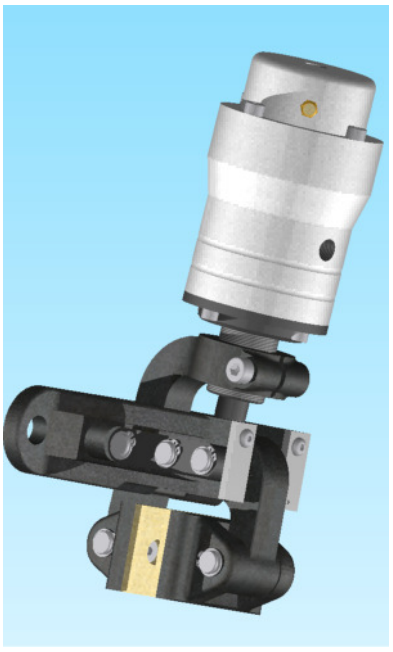
PPHP-PN ...
Pag. 69-70

PPD-PN011/□□□

Pneumatico DUO / Pneumatically DUO







Funzionamento Positivo/*Pneumatically Applied*

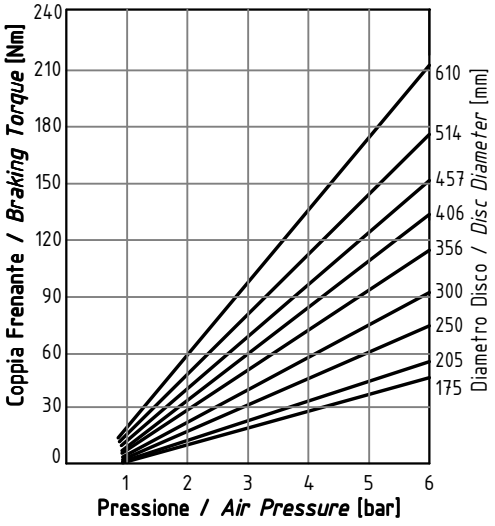
- Pressione di Lavoro/*Operating Pressure* **Pl= 6bar**
- Alimentazione Cilindro/*Pneumatic Cylinder Supply* **A: 1/4 "Gas**
- Volume Max Cilindro/*Max Cylinder Volume* **27 cm³**
- Coppia Frenante/*Braking Torque* **Md= [Ftx(Φ(m)/2-0.029(m))]**

Funzionamento Negativo/*Pneumatically Released*

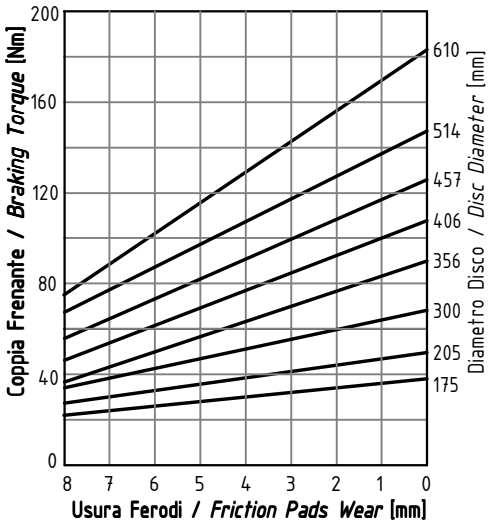
- Pressione di Apertura/*Release Pressure* **Pa= 6bar**
- Alimentazione Cilindro/*Spring Applied Cylinder Supply* **B: 1/4 "Gas**
- Volume Max Cilindro/*Max Cylinder Volume* **32 cm³**
- Usura Ferodi Massima Totale/*Maximum total wear of pads* =**9mm**

MODELLO/*MODEL*	CODICE/*CODE*	A	B	C	DMax	EMax	Forza Frenante: Positivo-Negativo / *Braking Force*	Peso
PPD-PN011/12.7	19.56.011.03	12.7	124	217	290	134	Ftpos= 770N (6bar) Ftneg= 640N (0bar)	5.4 kg
PPD-PN011/25.4	19.56.011.04	25.4	130	217	290	136	Ftpos= 770N (6bar) Ftneg= 640N (0bar)	5.5 kg

FRENO A PINZA USO POSITIVO
CALIPER BRAKE AIR APPLIED



FRENO A PINZA USO NEGATIVO
CALIPER BRAKE SPRING APPLIED



Coppia Frenante Md

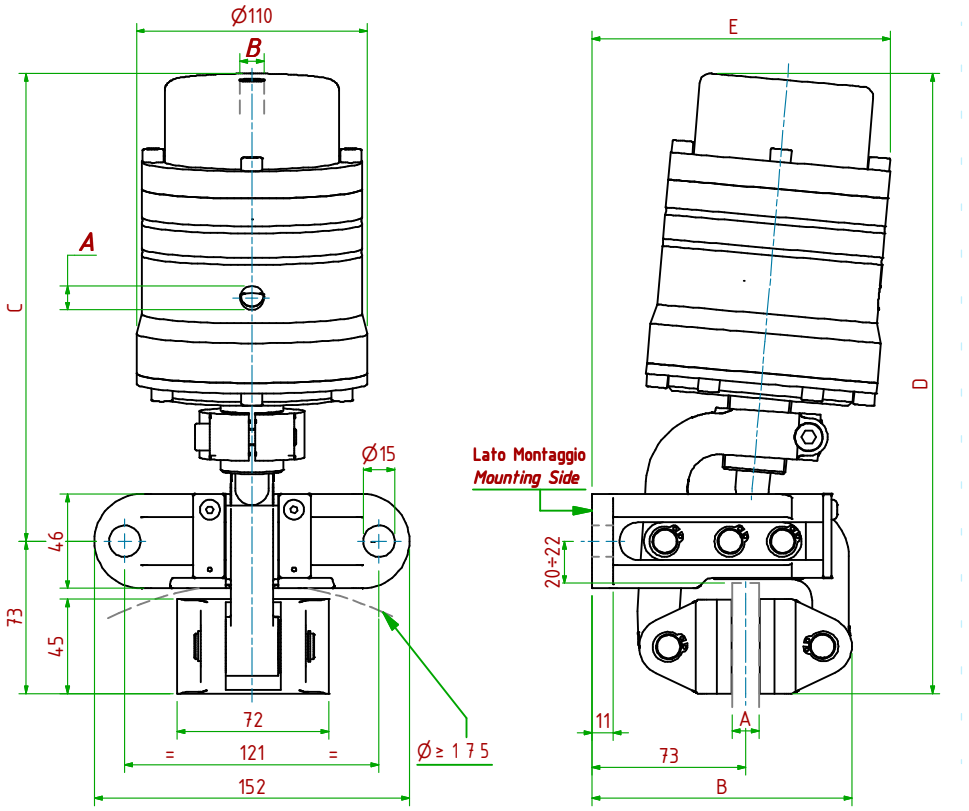
La coppia frenante iniziale può essere dal 30% al 50% in meno rispetto al valore nominale, fino al completo assestamento del ferodo sulla superfice del disco.

Braking Torque Md

The initial braking torque can be from 30% up to 50% less than nominal torque, untill the friction pad works correctly on the disc surface.

PPD-PN012/□□□

Pneumatico DUO / Pneumatically DUO



Funzionamento Positivo/*Pneumatically Applied*

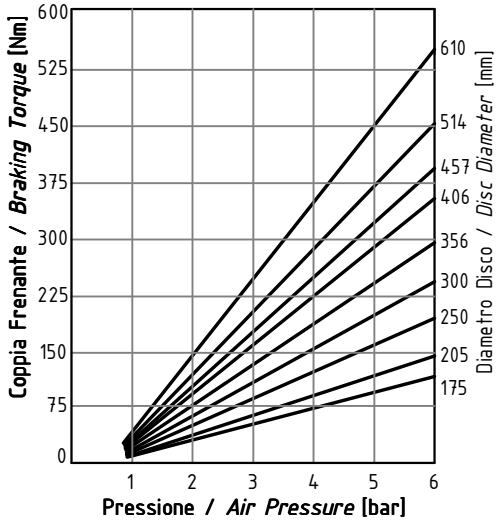
- Pressione di Lavoro/*Operating Pressure* **Pl= 6bar**
- Alimentazione Cilindro/*Pneumatic Cylinder Supply* **A: 1/4"Gas**
- Volume Max Cilindro/*Max Cylinder Volume* **63 cm³**
- Coppia Frenante/*Braking Torque* **Md= [Ftx(Φ(m)/2-0.029(m))]**

Funzionamento Negativo/*Pneumatically Released*

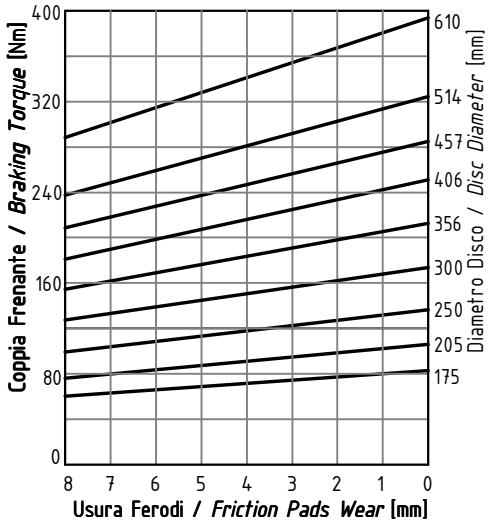
- Pressione di Apertura/*Release Pressure* **Pa= 6bar**
- Alimentazione Cilindro/*Spring Applied Cylinder Supply* **B: 1/4"Gas**
- Volume Max Cilindro/*Max Cylinder Volume* **75 cm³**
- Usura Ferodi Massima Totale/*Maximum total wear of pads* =**9mm**

MODELLO/*MODEL*	CODICE/*CODE*	A	B	C	DMax	EMax	Forza Frenante: Positivo-Negativo / *Braking Force*	Peso
PPD-PN012/12.7	19.56.012.03	12.7	124	227	300	142	Ftpos= 1990N (6bar) Ftneg= 1420N (0bar)	6.9 kg
PPD-PN012/25.4	19.56.012.04	25.4	130	227	300	146	Ftpos= 1990N (6bar) Ftneg= 1420N (0bar)	7.0 kg

FRENO A PINZA USO POSITIVO
CALIPER BRAKE AIR APPLIED



FRENO A PINZA USO NEGATIVO
CALIPER BRAKE SPRING APPLIED



Coppia Frenante Md

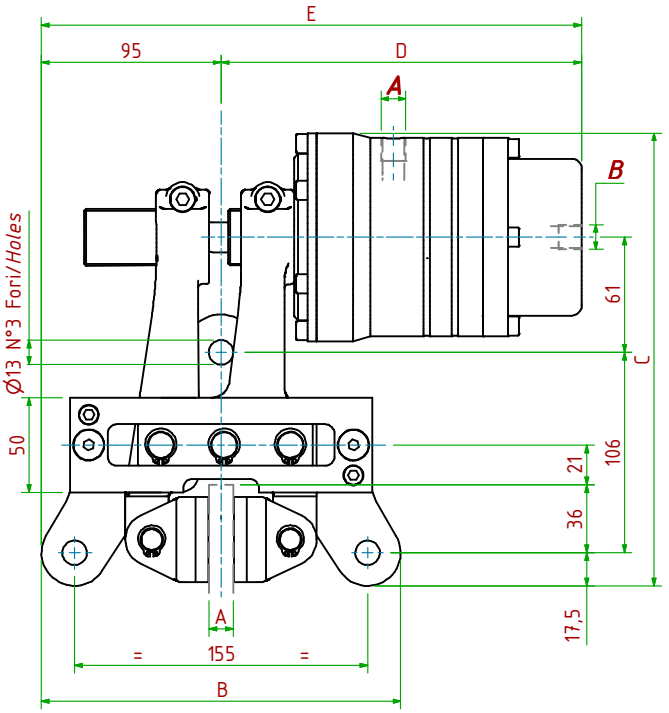
La coppia frenante iniziale può essere dal 30% al 50% in meno rispetto al valore nominale, fino al completo assestamento del ferodo sulla superfice del disco.

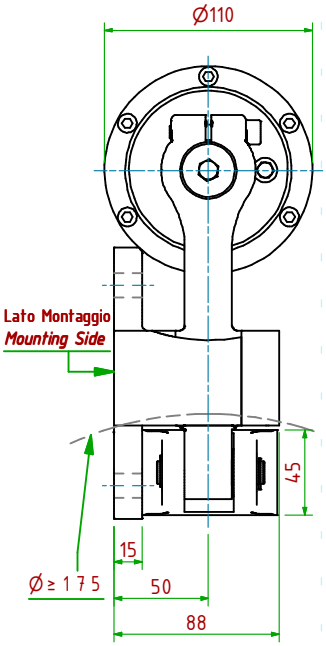
Braking Torque Md

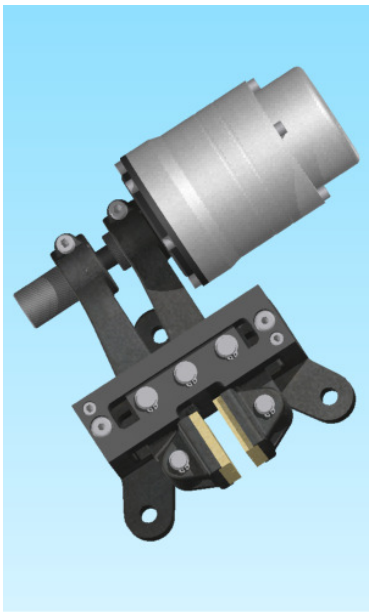
The initial braking torque can be from 30% up to 50% less than nominal torque, untill the friction pad works correctly on the disc surface.

PPF-PN022/□□□

Pneumatico DUO / Pneumatically DUO







Funzionamento Positivo/*Pneumatically Applied*

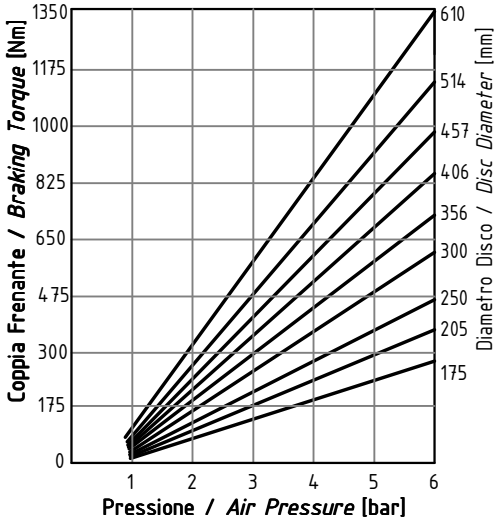
- Pressione di Lavoro/*Operating Pressure* **Pl= 6bar**
- Alimentazione Cilindro/*Pneumatic Cylinder Supply* **A: 1/4"Gas**
- Volume Max Cilindro/*Max Cylinder Volume* **63 cm³**
- Coppia Frenante/*Braking Torque* **Md= [Ftx(Φ(m)/2-0.029(m))]**

Funzionamento Negativo/*Pneumatically Released*

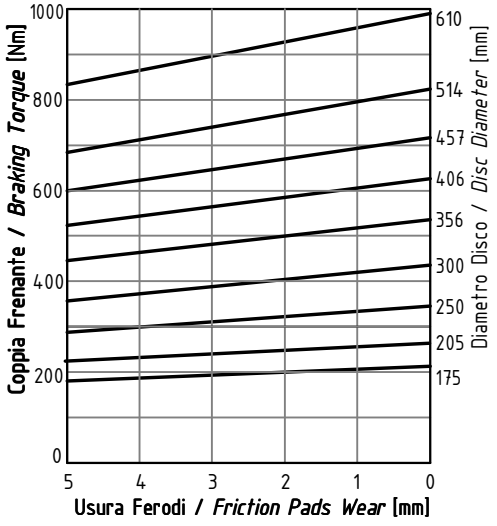
- Pressione di Apertura/*Release Pressure* **Pa= 6bar**
- Alimentazione Cilindro/*Spring Applied Cylinder Supply* **B: 1/4"Gas**
- Volume Max Cilindro/*Max Cylinder Volume* **75 cm³**
- Usura Ferodi Massima Totale/*Maximum total wear of pads* =**9mm**

MODELLO/*MODEL*	CODICE/*CODE*	A	B	C	DMax	EMax	Forza Frenante: Positivo-Negativo / *Braking Force*		Peso
PPF-PN022/12.7	19.56.022.03	12.7	190	240	191	286	Ftpos= 4880N (6bar)	Ftneg= 3590N (0bar)	10.7 kg
PPF-PN022/25.4	19.56.022.04	25.4	190	240	197	292	Ftpos= 4880N (6bar)	Ftneg= 3590N (0bar)	10.8 kg

FRENO A PINZA USO POSITIVO
CALIPER BRAKE AIR APPLIED



FRENO A PINZA USO NEGATIVO
CALIPER BRAKE SPRING APPLIED



Coppia Frenante Md

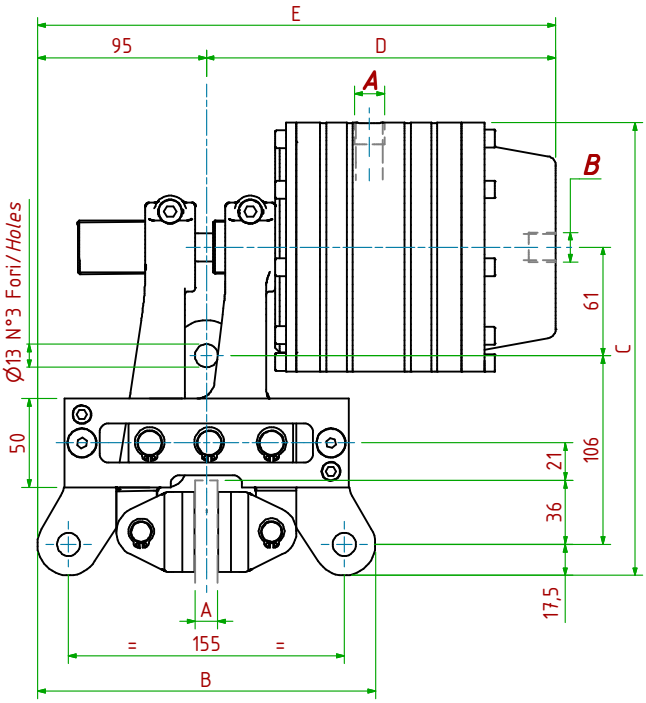
La coppia frenante iniziale può essere dal 30% al 50% in meno rispetto al valore nominale, fino al completo assestamento del ferodo sulla superfice del disco.

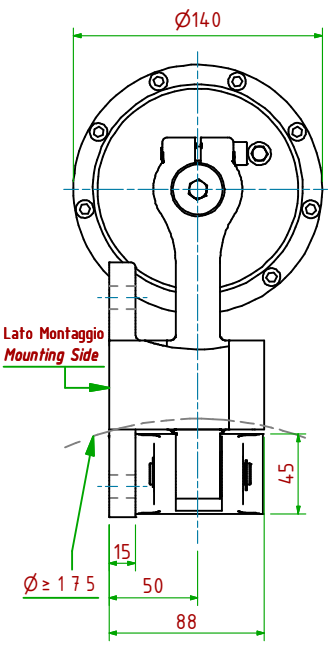
Braking Torque Md

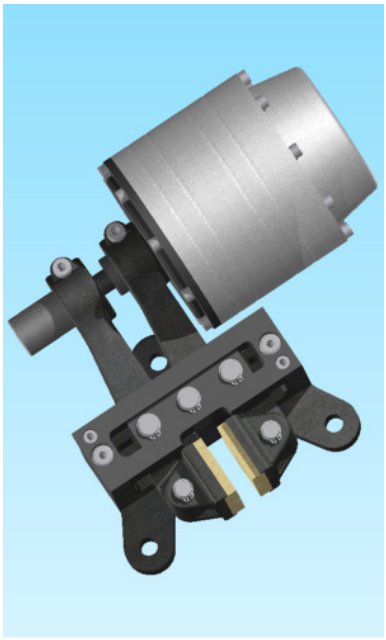
The initial braking torque can be from 30% up to 50% less than nominal torque, untill the friction pad works correctly on the disc surface.

PPF-PN023/□□□

Pneumatico DUO / Pneumatically DUO







Funzionamento Positivo/*Pneumatically Applied*

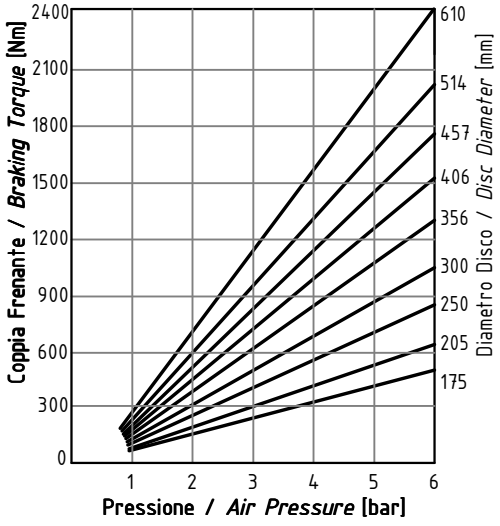
- Pressione di Lavoro/*Operating Pressure* **Pl= 6bar**
- Alimentazione Cilindro/*Pneumatic Cylinder Supply* **A: 3/8"Gas**
- Volume Max Cilindro/*Max Cylinder Volume* **110 cm³**
- Coppia Frenante/*Braking Torque* **Md= [Ftx(Φ(m)/2-0.029(m))]**

Funzionamento Negativo/*Pneumatically Released*

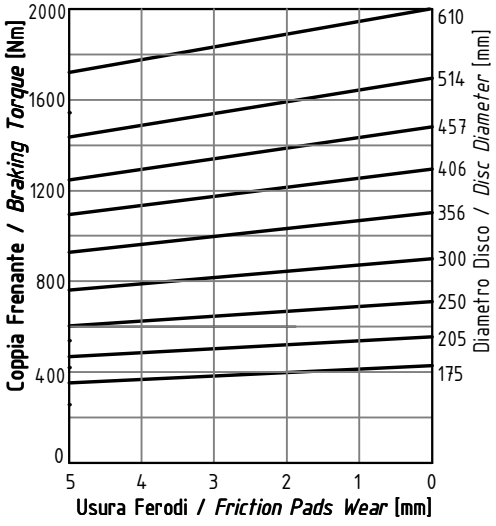
- Pressione di Apertura/*Release Pressure* **Pa= 6bar**
- Alimentazione Cilindro/*Spring Applied Cylinder Supply* **B: 3/8"Gas**
- Volume Max Cilindro/*Max Cylinder Volume* **160 cm³**
- Usura Ferodi Massima Totale/*Maximum total wear of pads* =**9mm**

MODELLO/*MODEL*	CODICE/*CODE*	A	B	C	DMax	EMax	Forza Frenante: Positivo-Negativo / *Braking Force*		Peso
PPF-PN023/12.7	19.56.023.03	12.7	190	255	196	291	Ftpos= 8770N (6bar)	Ftneg= 7430N (0bar)	12.9 kg
PPF-PN023/25.4	19.56.023.04	25.4	190	255	203	298	Ftpos= 8770N (6bar)	Ftneg= 7430N (0bar)	13.0 kg

FRENO A PINZA USO POSITIVO
CALIPER BRAKE AIR APPLIED



FRENO A PINZA USO NEGATIVO
CALIPER BRAKE SPRING APPLIED



Coppia Frenante Md

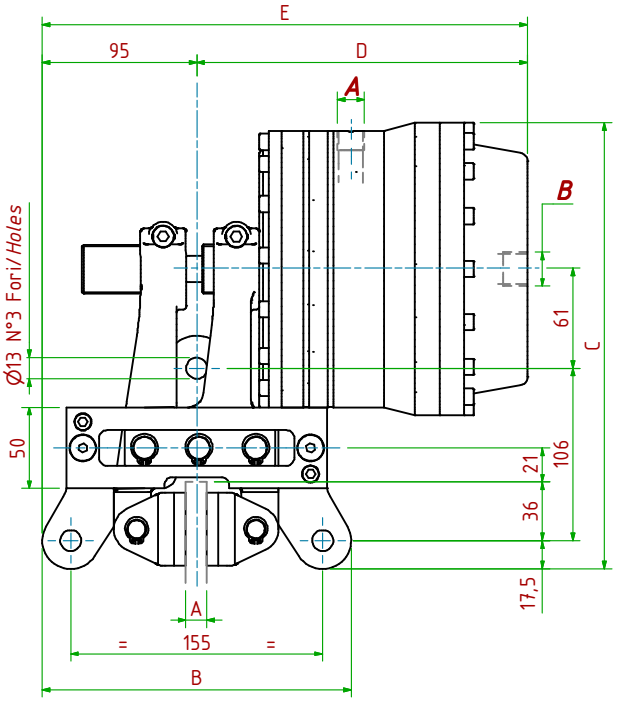
La coppia frenante iniziale può essere dal 30% al 50% in meno rispetto al valore nominale, fino al completo assestamento del ferodo sulla superfice del disco.

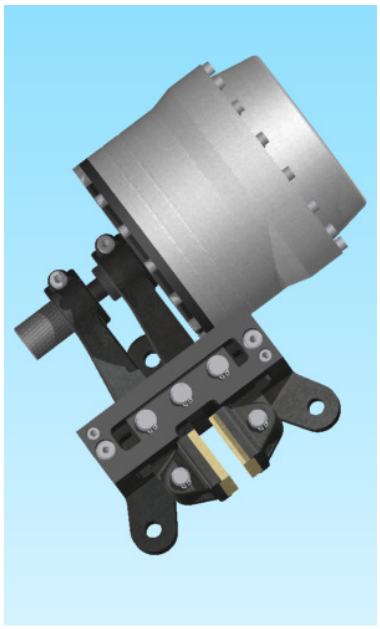
Braking Torque Md

The initial braking torque can be from 30% up to 50% less than nominal torque, untill the friction pad works correctly on the disc surface.

PPF-PN024/□□□

Pneumatico DUO / Pneumatically DUO





Funzionamento Positivo/*Pneumatically Applied*

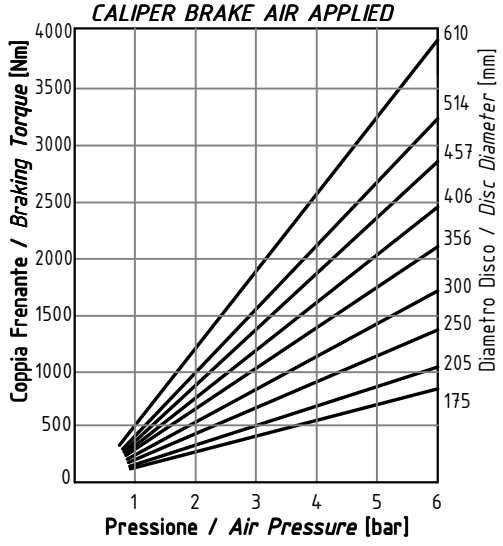
- Pressione di Lavoro/*Operating Pressure* **Pl= 6bar**
- Alimentazione Cilindro/*Pneumatic Cylinder Supply* **A:3/8"Gas**
- Volume Max Cilindro/*Max Cylinder Volume* **175cm³**
- Coppia Frenante/*Braking Torque* **Md= [Ftx(Φ(m)/2-0.029(m))]**

Funzionamento Negativo/*Pneumatically Released*

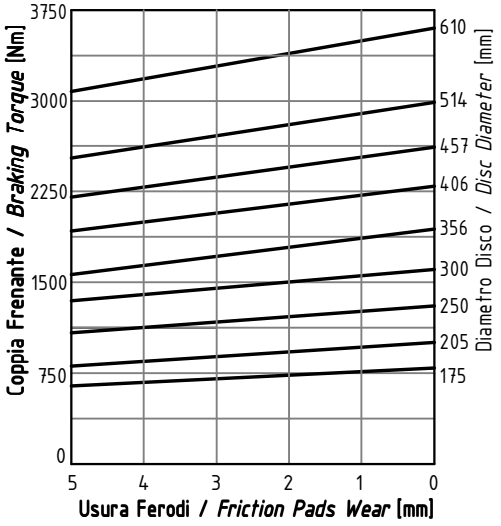
- Pressione di Apertura/*Release Pressure* **Pa= 6bar**
- Alimentazione Cilindro/*Spring Applied Cylinder Supply* **B:1/2"Gas**
- Volume Max Cilindro/*Max Cylinder Volume* **285cm³**
- Usura Ferodi Massima Totale/*Maximum total wear of pads* =**9mm**

MODELLO/*MODEL*	CODICE/*CODE*	A	B	C	DMax	EMax	Forza Frenante: Positivo-Negativo / *Braking Force*		Peso
PPF-PN024/12.7	19.56.024.03	12.7	190	275	203	298	Ftpos= 14100N(6bar)	Ftneg= 13100N (0bar)	16.4 kg
PPF-PN024/25.4	19.56.024.04	25.4	190	275	210	305	Ftpos= 14100N(6bar)	Ftneg= 13100N (0bar)	16.5 kg

FRENO A PINZA USO POSITIVO
CALIPER BRAKE AIR APPLIED



FRENO A PINZA USO NEGATIVO
CALIPER BRAKE SPRING APPLIED



Coppia Frenante Md

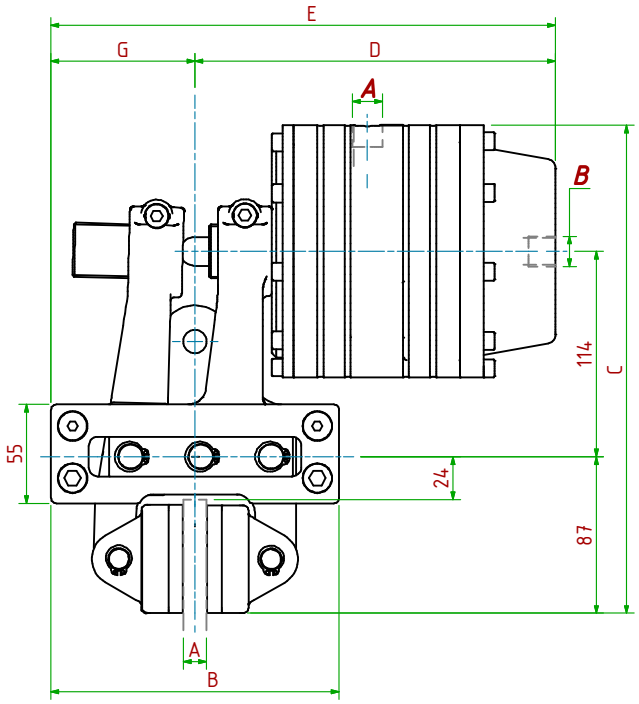
La coppia frenante iniziale può essere dal 30% al 50% in meno rispetto al valore nominale, fino al completo assestamento del ferodo sulla superfice del disco.

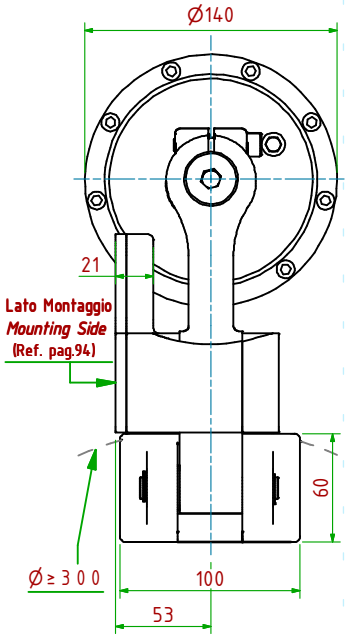
Braking Torque Md

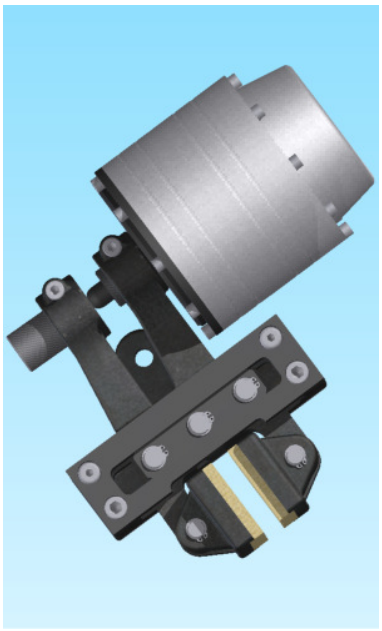
The initial braking torque can be from 30% up to 50% less than nominal torque, untill the friction pad works correctly on the disc surface.

PPH-PN033/□□□

Pneumatico DUO / Pneumatically DUO







Funzionamento Positivo/*Pneumatically Applied*

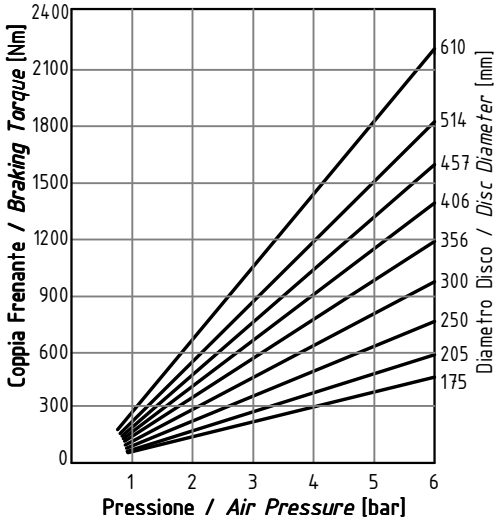
- Pressione di Lavoro/*Operating Pressure* **Pl= 6bar**
- Alimentazione Cilindro/*Pneumatic Cylinder Supply* **A: 3/8"Gas**
- Volume Max Cilindro/*Max Cylinder Volume* **110 cm³**
- Coppia Frenante/*Braking Torque* **Md= [Ftx(Φ(m)/2-0.029(m))]**

Funzionamento Negativo/*Pneumatically Released*

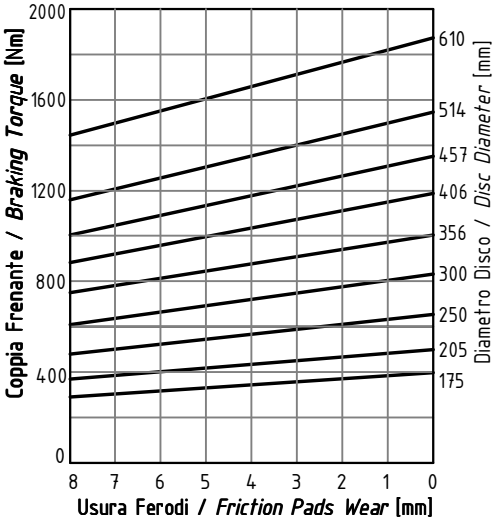
- Pressione di Apertura/*Release Pressure* **Pa= 6bar**
- Alimentazione Cilindro/*Spring Applied Cylinder Supply* **B: 3/8"Gas**
- Volume Max Cilindro/*Max Cylinder Volume* **160 cm³**
- Usura Ferodi Massima Totale/*Maximum total wear of pads* =**9mm**

MODELLO/*MODEL*	CODICE/*CODE*	A	B	C	DMax	EMax	G	Forza Frenante: Positivo-Negativo / *Braking Force*	Peso
PPH-PN033/12.7	19.56.033.03	12.7	160	271	200	280	80	Ftpos= 8020N (6bar) Ftneg= 6800N (0bar)	14.8 kg
PPH-PN033/25.4	19.56.033.04	25.4	180	271	207	297	90	Ftpos= 8020N (6bar) Ftneg= 6800N (0bar)	15.2 kg

FRENO A PINZA USO POSITIVO
CALIPER BRAKE AIR APPLIED



FRENO A PINZA USO NEGATIVO
CALIPER BRAKE SPRING APPLIED



Coppia Frenante Md

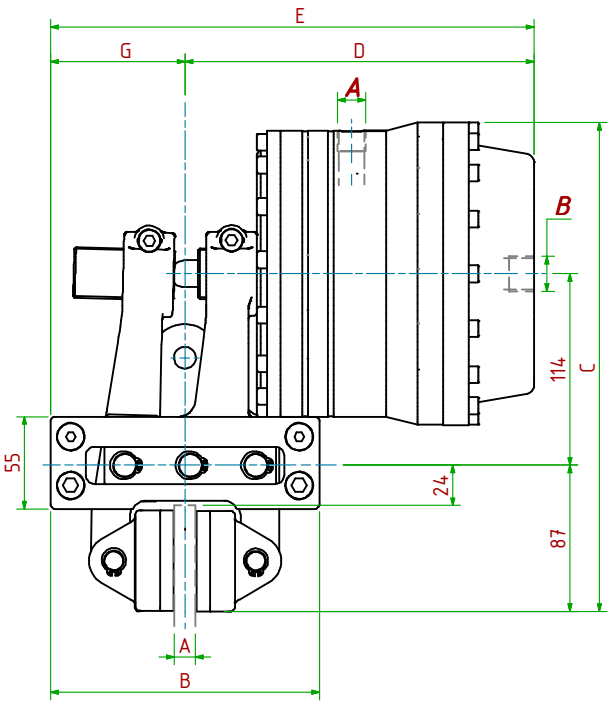
La coppia frenante iniziale può essere dal 30% al 50% in meno rispetto al valore nominale, fino al completo assestamento del ferodo sulla superfice del disco.

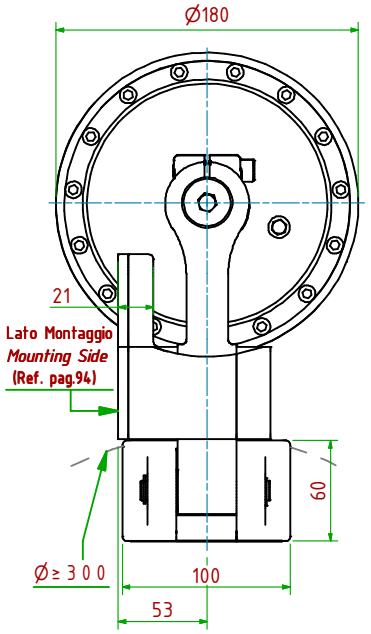
Braking Torque Md

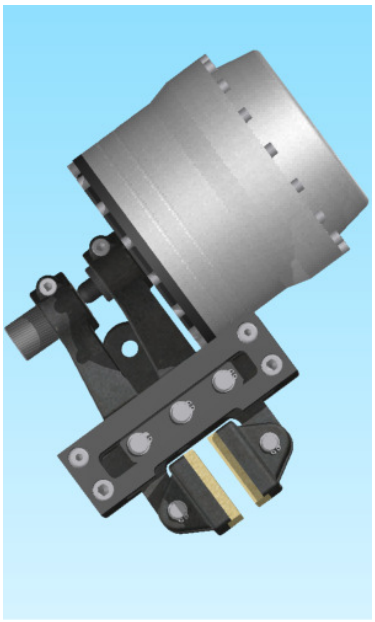
The initial braking torque can be from 30% up to 50% less than nominal torque, untill the friction pad works correctly on the disc surface.

PPH-PN034/□□□

Pneumatico DUO / Pneumatically DUO







Funzionamento Positivo/*Pneumatically Applied*

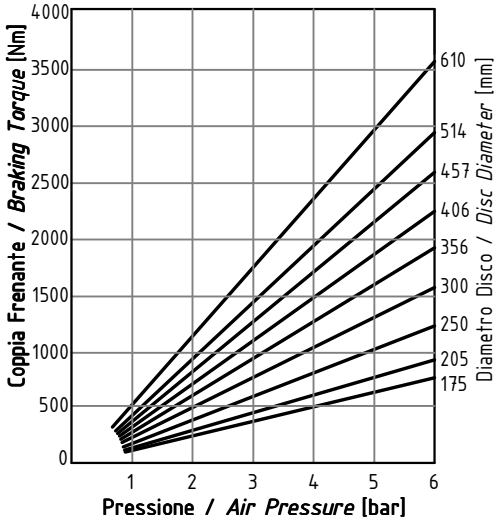
- Pressione di Lavoro/*Operating Pressure* **Pl= 6bar**
- Alimentazione Cilindro/*Pneumatic Cylinder Supply* **A: 3/8"Gas**
- Volume Max Cilindro/*Max Cylinder Volume* **175cm³**
- Coppia Frenante/*Braking Torque* **Md= [Ftx(Φ(m)/2-0.029(m))]**

Funzionamento Negativo/*Pneumatically Released*

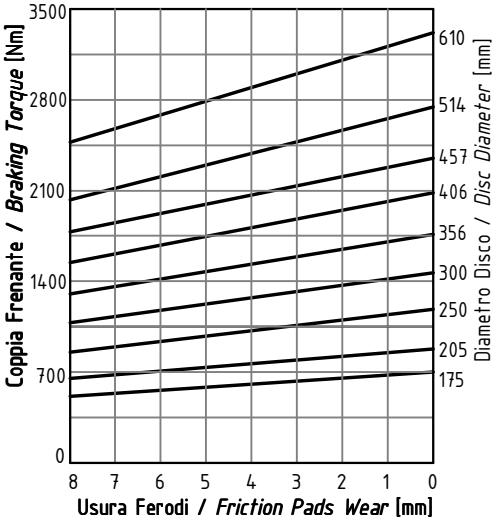
- Pressione di Apertura/*Release Pressure* **Pa= 6bar**
- Alimentazione Cilindro/*Spring Applied Cylinder Supply* **B:1/2"Gas**
- Volume Max Cilindro/*Max Cylinder Volume* **285cm³**
- Usura Ferodi Massima Totale/*Maximum total wear of pads* =**9mm**

MODELLO/*MODEL*	CODICE/*CODE*	A	B	C	DMax	EMax	G	Forza Frenante: Positivo-Negativo / *Braking Force*	Peso
PPH-PN034/12.7	19.56.034.03	12.7	160	291	208	288	80	Ftpos= 12910N (6bar) Ftneg= 12000N(0bar)	18.3 kg
PPH-PN034/25.4	19.56.034.04	25.4	180	291	214	304	90	Ftpos= 12910N (6bar) Ftneg= 12000N(0bar)	18.7 kg

FRENO A PINZA USO POSITIVO
CALIPER BRAKE AIR APPLIED



FRENO A PINZA USO NEGATIVO
CALIPER BRAKE SPRING APPLIED



Coppia Frenante Md

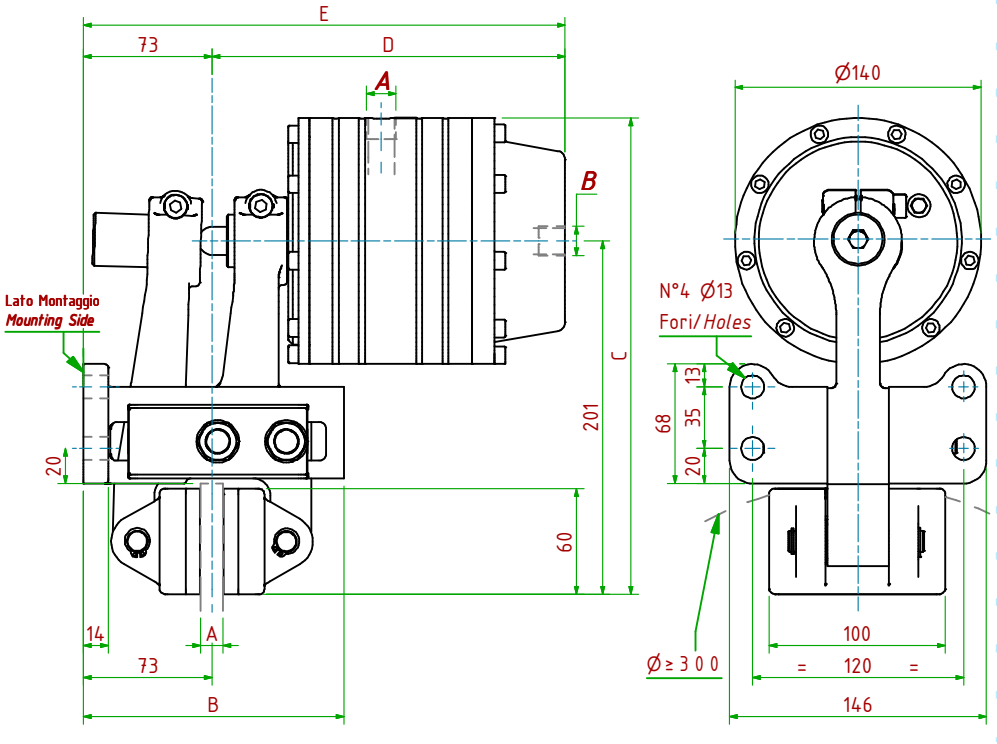
La coppia frenante iniziale può essere dal 30% al 50% in meno rispetto al valore nominale, fino al completo assestamento del ferodo sulla superfice del disco.

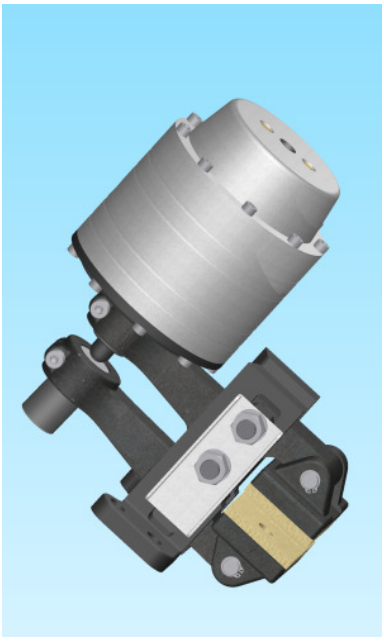
Braking Torque Md

The initial braking torque can be from 30% up to 50% less than nominal torque, untill the friction pad works correctly on the disc surface.

PPHP-PN330/□□□

Pneumatico DUO / Pneumatically DUO





Funzionamento Positivo/*Pneumatically Applied*

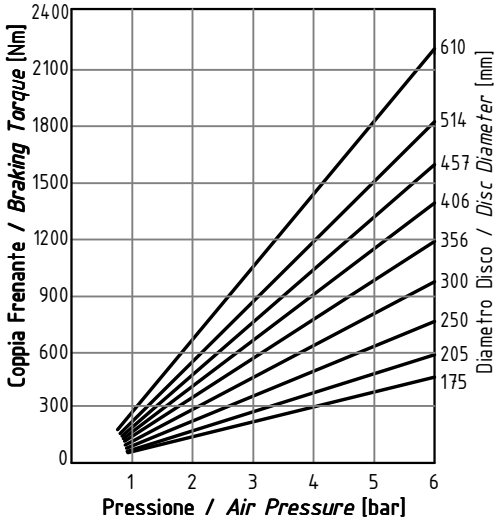
- Pressione di Lavoro/*Operating Pressure* **Pl= 6bar**
- Alimentazione Cilindro/*Pneumatic Cylinder Supply* **A: 3/8"Gas**
- Volume Max Cilindro/*Max Cylinder Volume* **110 cm³**
- Coppia Frenante/*Braking Torque* **Md= [Ftx(Φ(m)/2-0.029(m))]**

Funzionamento Negativo/*Pneumatically Released*

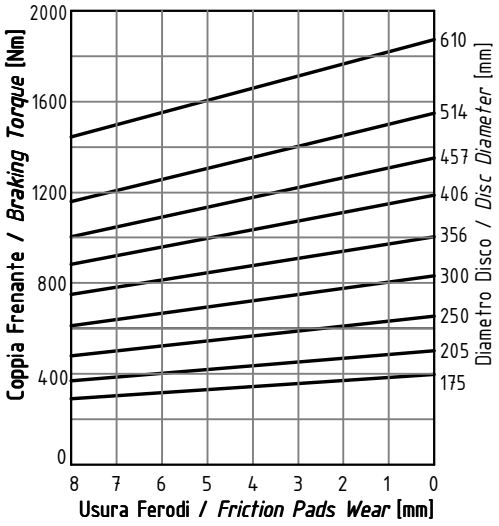
- Pressione di Apertura/*Release Pressure* **Pa= 6bar**
- Alimentazione Cilindro/*Spring Applied Cylinder Supply* **B: 3/8"Gas**
- Volume Max Cilindro/*Max Cylinder Volume* **160 cm³**
- Usura Ferodi Massima Totale/*Maximum total wear of pads* **=9mm**

MODELLO/*MODEL*	CODICE/*CODE*	A	B	C	DMax	EMax	Forza Frenante: Positivo-Negativo / *Braking Force*	Peso
PPHP-PN330/12.7	19.56.330.03	12.7	148	271	201	274	Ftpos= 8020N (6bar) Ftneg= 6800N (0bar)	13.4 kg
PPHP-PN330/25.4	19.56.330.04	25.4	148	271	207	280	Ftpos= 8020N (6bar) Ftneg= 6800N (0bar)	13.5 kg

FRENO A PINZA USO POSITIVO
CALIPER BRAKE AIR APPLIED



FRENO A PINZA USO NEGATIVO
CALIPER BRAKE SPRING APPLIED



Coppia Frenante Md

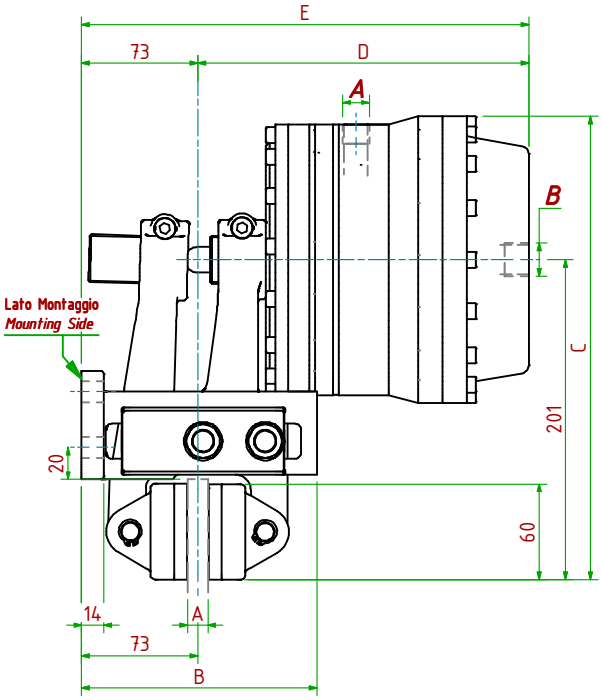
La coppia frenante iniziale può essere dal 30% al 50% in meno rispetto al valore nominale, fino al completo assestamento del ferodo sulla superfice del disco.

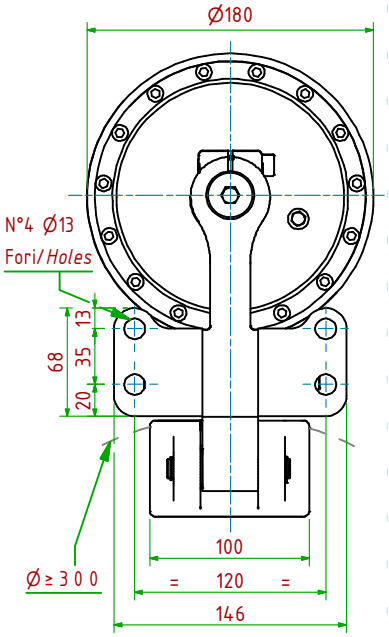
Braking Torque Md

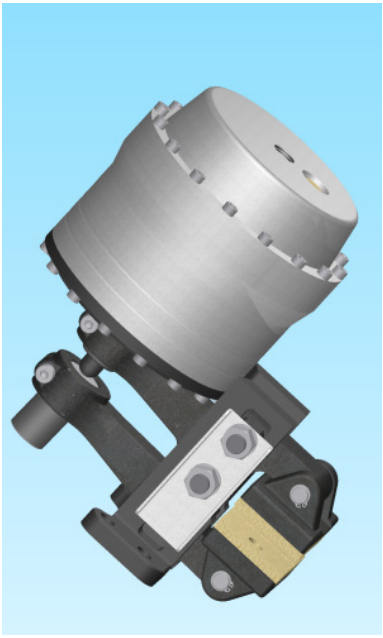
The initial braking torque can be from 30% up to 50% less than nominal torque, untill the friction pad works correctly on the disc surface.

PPHP-PN340/□□□

Pneumatico DUO / Pneumatically DUO







Funzionamento Positivo/*Pneumatically Applied*

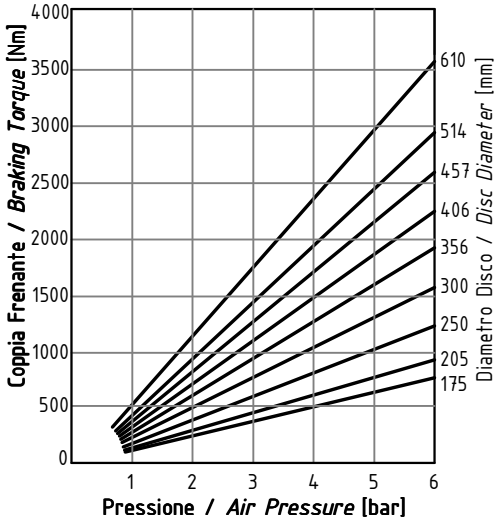
- Pressione di Lavoro/*Operating Pressure* **Pl= 6bar**
- Alimentazione Cilindro/*Pneumatic Cylinder Supply* **A: 3/8"Gas**
- Volume Max Cilindro/*Max Cylinder Volume* **175cm³**
- Coppia Frenante/*Braking Torque* **Md= [Ftx(Φ(m)/2-0.029(m))]**

Funzionamento Negativo/*Pneumatically Released*

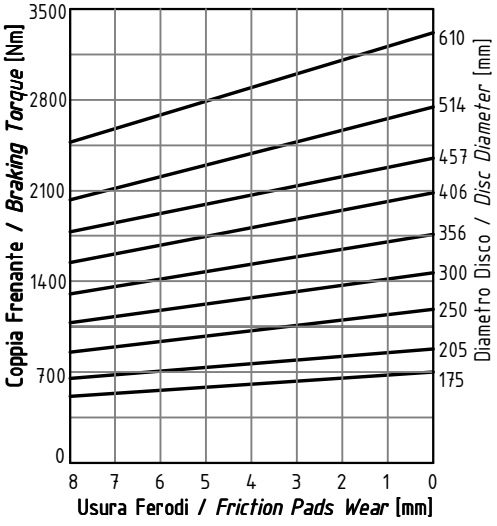
- Pressione di Apertura/*Release Pressure* **Pa= 6bar**
- Alimentazione Cilindro/*Spring Applied Cylinder Supply* **B: 1/2"Gas**
- Volume Max Cilindro/*Max Cylinder Volume* **285cm³**
- Usura Ferodi Massima Totale/*Maximum total wear of pads* =**9mm**

MODELLO/*MODEL*	CODICE/*CODE*	A	B	C	DMax	EMax	Forza Frenante: Positivo-Negativo / *Braking Force*	Peso
PPHP-PN340/12.7	19.56.340.03	12.7	148	291	208	281	Ftpos= 12910N (6bar) Ftneg= 12000N(0bar)	16.8 kg
PPHP-PN340/25.4	19.56.340.04	25.4	148	291	214	287	Ftpos= 12910N (6bar) Ftneg= 12000N(0bar)	16.9 kg

FRENO A PINZA USO POSITIVO
CALIPER BRAKE AIR APPLIED



FRENO A PINZA USO NEGATIVO
CALIPER BRAKE SPRING APPLIED



Coppia Frenante Md
La coppia frenante iniziale può essere dal 30% al 50% in meno rispetto al valore nominale, fino al completo assestamento del ferodo sulla superfice del disco.

Braking Torque Md
The initial braking torque can be from 30% up to 50% less than nominal torque, untill the friction pad works correctly on the disc surface.