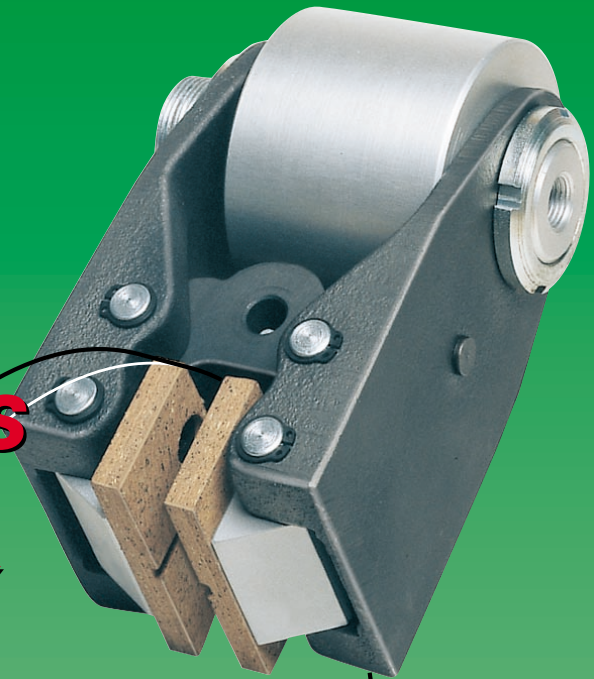


**FRENI A PINZA
MANUALI
E PNEUMATICI**

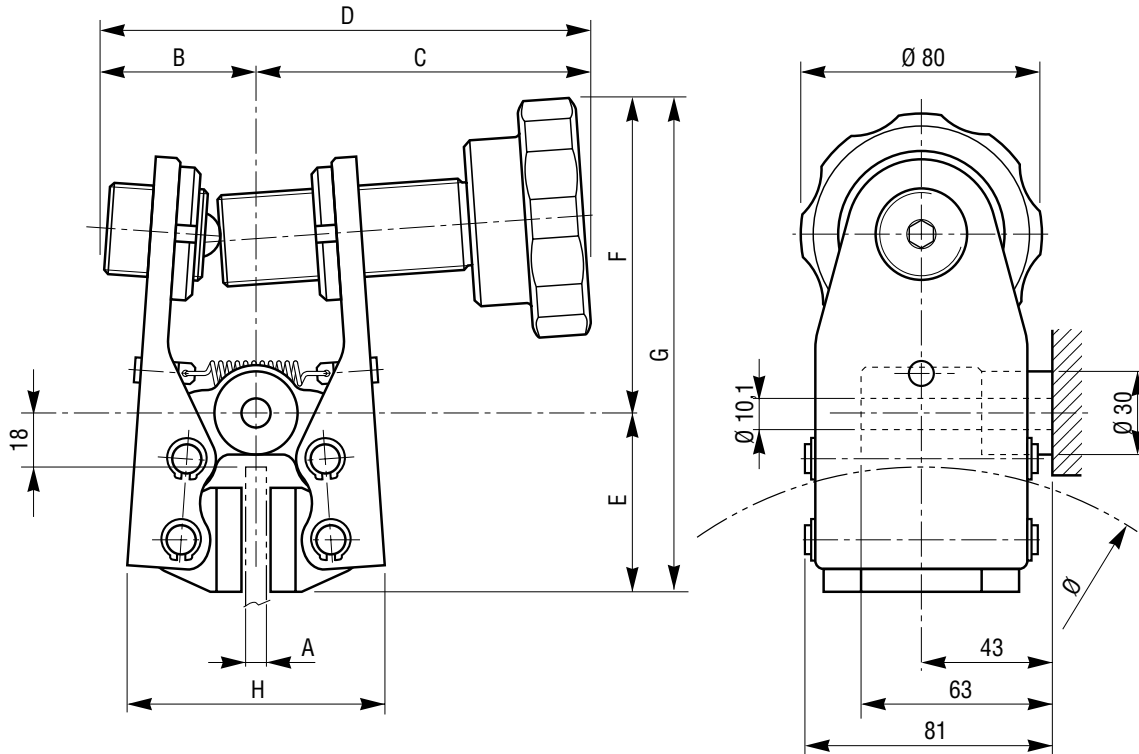
**CALIPER BRAKES
HAND AND
PNEUMATICALLY
OPERATED**



MWM

MWM FRENI-FRIZIONI S.R.L.
I-20148 MILANO (ITALY) - VIA CACCIALEPORI, 18
Tel. 02.40.07.08.45 - 02.48.70.60.44 - Fax 02.40.78.041
www.mwmfrenifrizioni.it
e-mail: info@mwmfrenifrizioni.it

SERIE / MODEL PMB 000 □□
CODICE / CODE 19.06.000.□□



□□	A	B	C	D min	D max	E	F	G	H max	Forza frenante - Ft (N) Braking force - Ft (N)	Peso (kg) Weight (kg)
02	8	50	84-108	134	158	60	102	159-162	86	3160	3
03	12,7	52	84-108	136	160	60	102	159-162	90	3160	3,1
04	25,4	54	84-108	138	162	60	102	159-162	104	3160	3,2

COPPIA FRENANTE (Md)

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

$$Md = Ft \times \left(\frac{\varnothing [m]}{2} - 0,025 [m] \right)$$

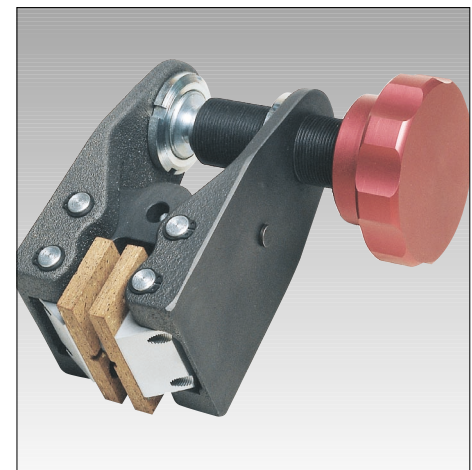
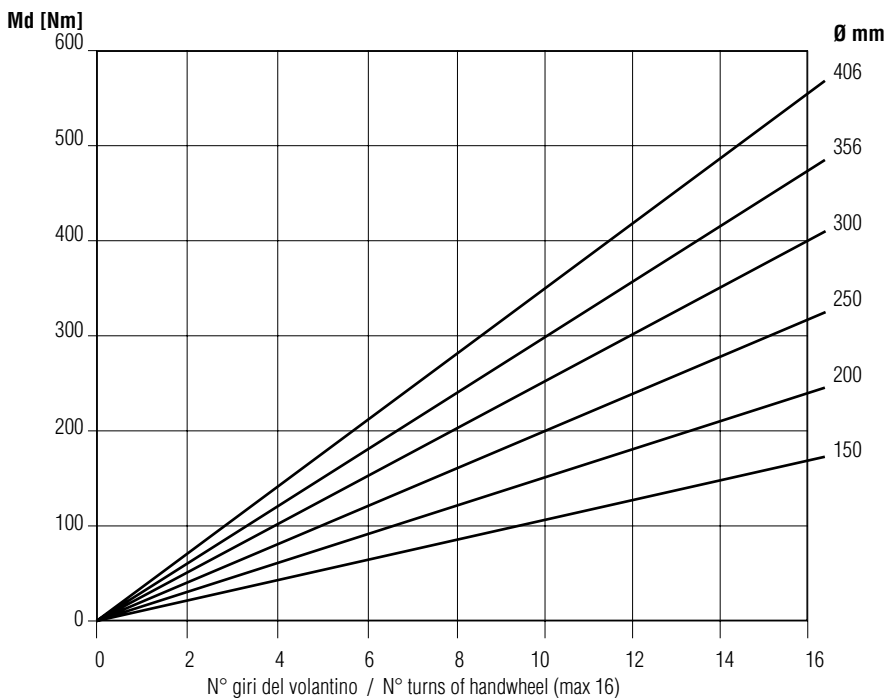
BRAKING TORQUE (Md)

Warning: Initial braking torque can be from 30% up to 50% less than nominal torque, until the friction pad works correctly on the disc surface.

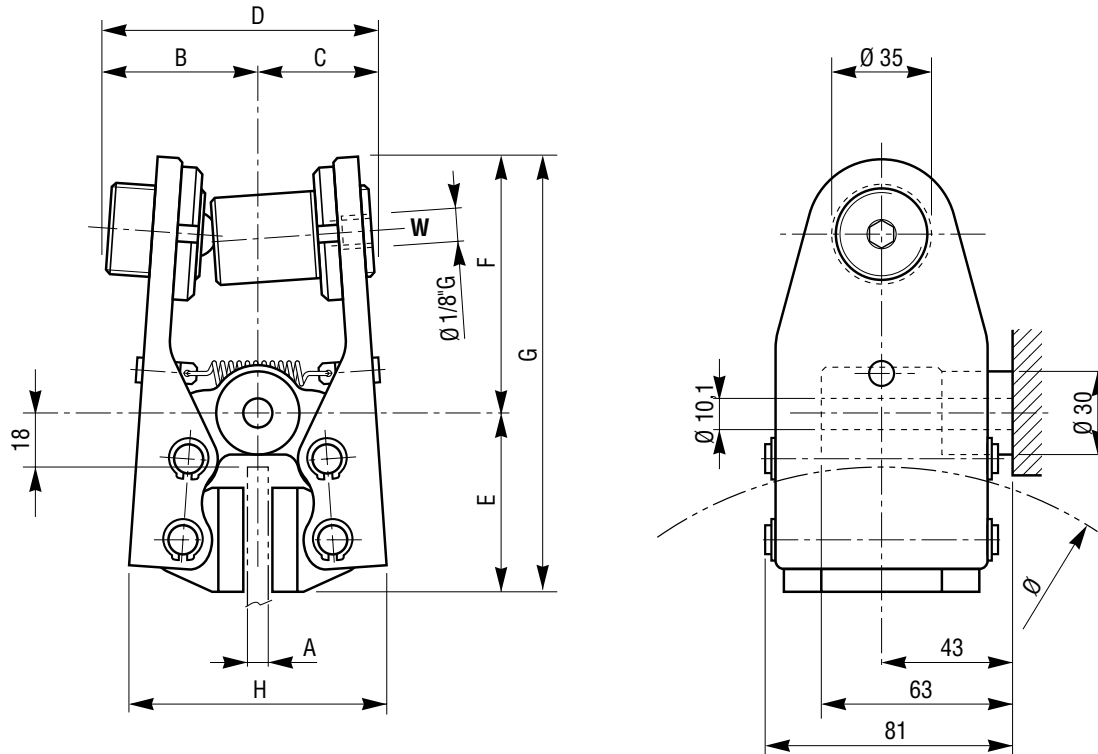
Ø = Diametro disco / Disc diameter.... [mm]

Spessore Ferodo Nuovo
Thickness of new pad..... 8 mm

Massima usura totale Ferodi
Maximum total wear of pads 6 mm



SERIE / MODEL	PPB 001 □□
CODICE / CODE	19.16.001.□□



□□	A	B	C	D min	D max	E	F	G	H max	Forza frenante - Ft (N) Braking force - Ft (N)	Peso (kg) Weight (kg)
02	8	60	45	105	114	60	86	146	86	640 (6 bar)	2,40
03	12,7	62	47	109	118	60	86	146	90	640 (6 bar)	2,45
04	25,4	69	54	123	132	60	86	146	104	640 (6 bar)	2,50

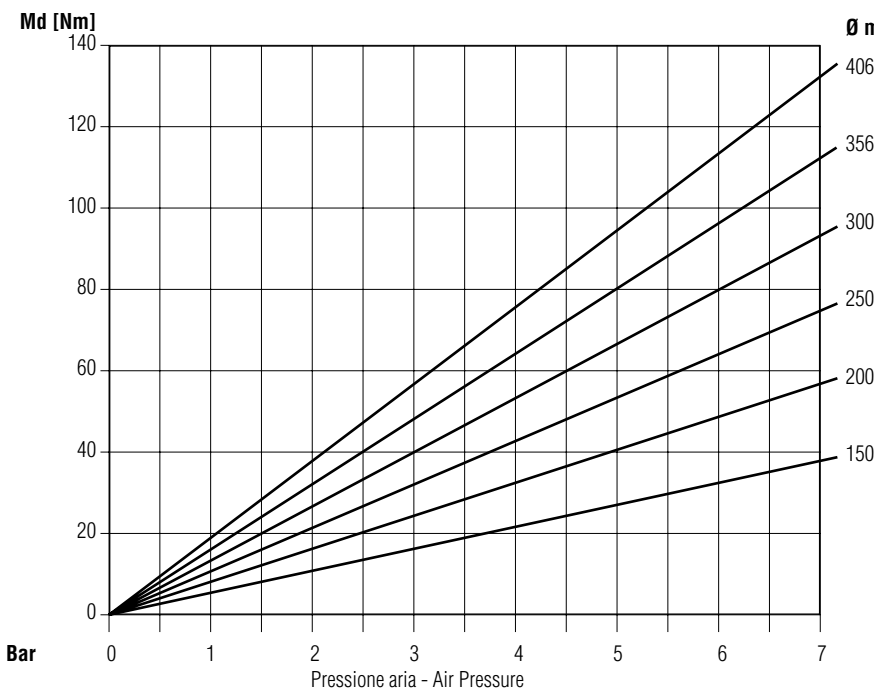
COPPIA FRENANTE (Md)

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

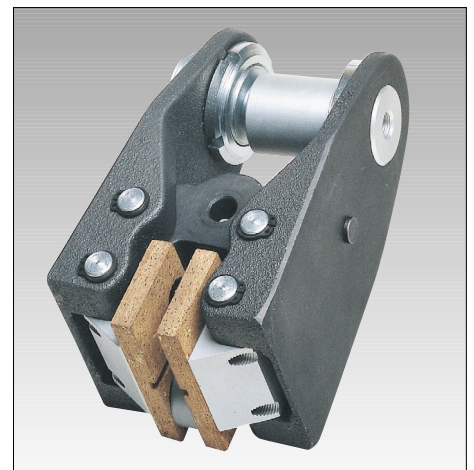
$$Md = Ft \times \left(\frac{\varnothing [m]}{2} - 0,025 [m] \right)$$

BRAKING TORQUE (Md)

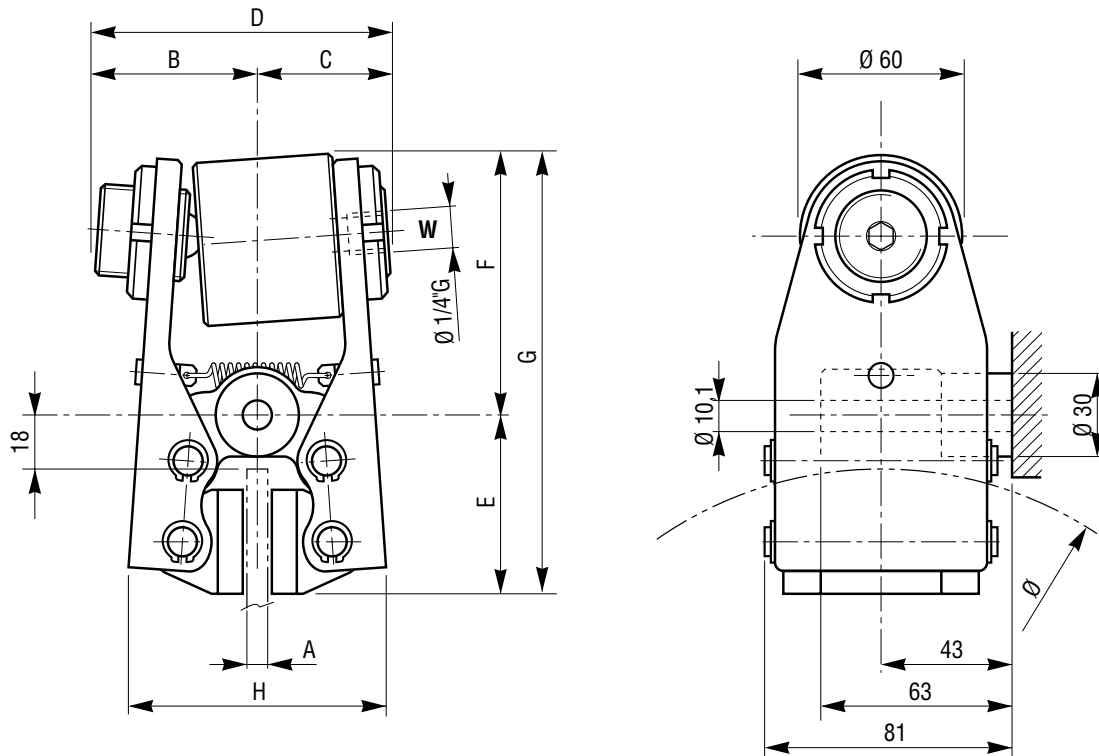
Warning: Initial braking torque can be from 30% up to 50% less than nominal torque, until the friction pad works correctly on the disc surface.



- W** = Alimentazione aria / Air supply [bar]
- Ø** = Diametro disco / Disc diameter [mm]
- Spessore Ferodo Nuovo
Thickness of new pad 8 mm
- Massima usura totale Ferodi
Maximum total wear of pads 6 mm
- Superficie Ferodo
Brake pad area 2275 mm²



SERIE / MODEL PPB 002 □□
CODICE / CODE 19.16.002.□□



□□	A	B	C	D min	D max	E	F	G	H max	Forza frenante - Ft (N) Braking force - Ft (N)	Peso (kg) Weight (kg)
02	8	60	45	105	114	60	91	151	86	1780 (6 bar)	2,45
03	12,7	62	47	109	118	60	91	151	90	1780 (6 bar)	2,50
04	25,4	69	54	123	132	60	91	151	104	1780 (6 bar)	2,60

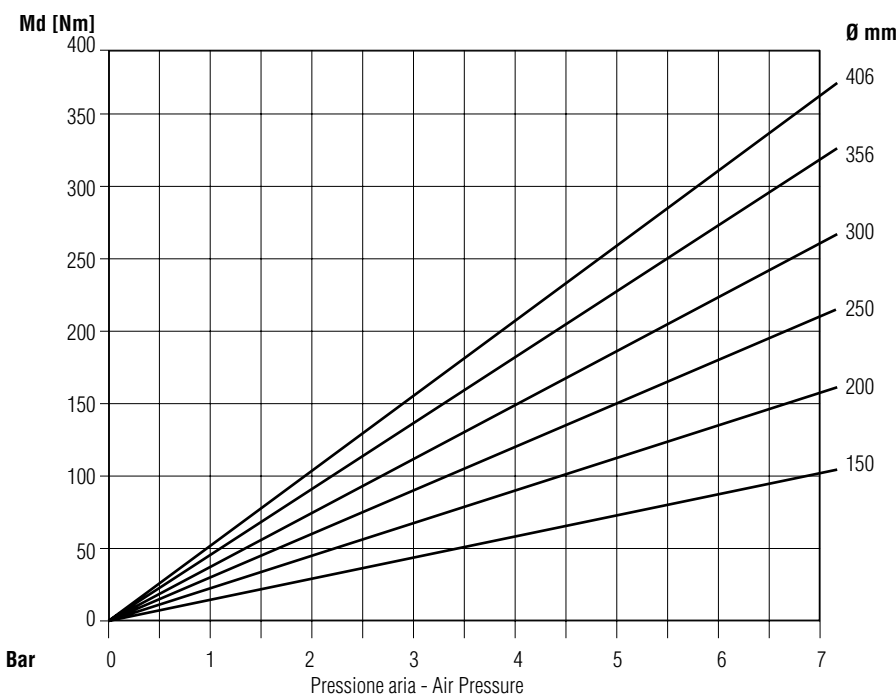
COPPIA FRENANTE (Md)

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

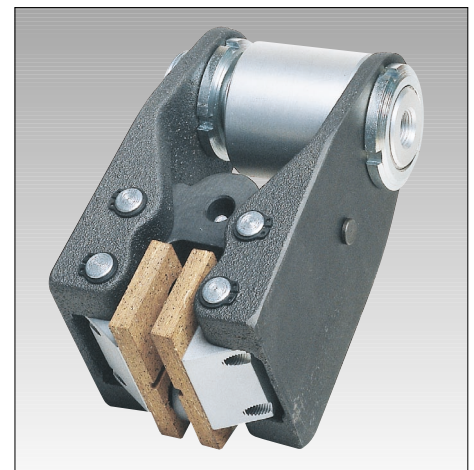
$$Md = Ft \times \left(\frac{\varnothing}{2} - 0,025 \text{ [m]} \right)$$

BRAKING TORQUE (Md)

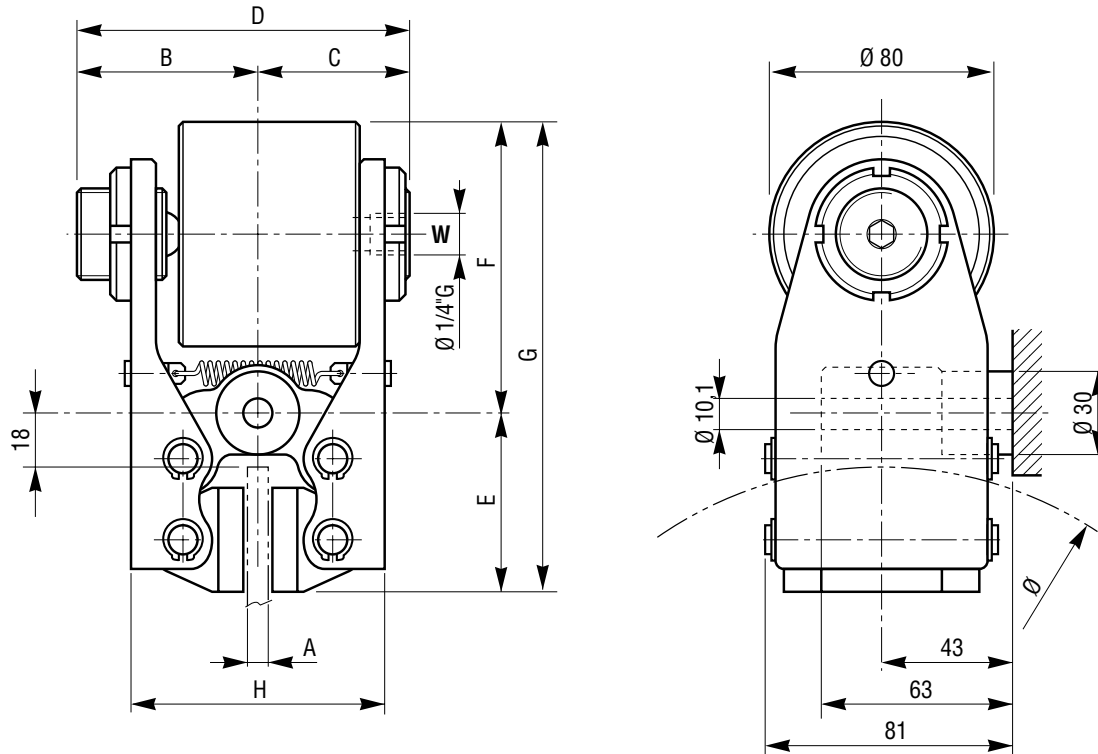
Warning: Initial braking torque can be from 30% up to 50% less than nominal torque, until the friction pad works correctly on the disc surface.



- W = Alimentazione aria / Air supply..... [bar]
- Ø = Diametro disco / Disc diameter [mm]
- Spessore Ferodo Nuovo
Thickness of new pad 8 mm
- Massima usura totale Ferodi
Maximum total wear of pads 6 mm
- Superficie Ferodo
Brake pad area 2275 mm²



SERIE / MODEL	PPB 003 □□
CODICE / CODE	19.16.003.□□



□□	A	B	C	D min	D max	E	F	G	H max	Forza frenante - Ft (N) Braking force - Ft (N)	Peso (kg) Weight (kg)
02	8	60	45	105	114	60	101	161	86	3500 (6 bar)	2,85
03	12,7	62	47	109	118	60	101	161	90	3500 (6 bar)	2,90
04	25,4	69	54	123	132	60	101	161	104	3500 (6 bar)	3,00

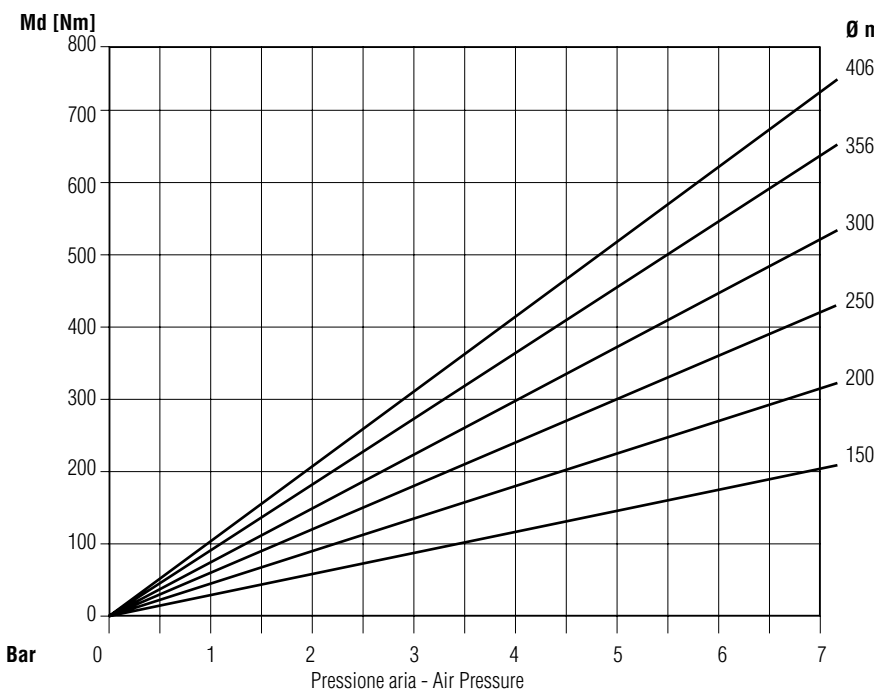
COPPIA FRENANTE (Md)

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

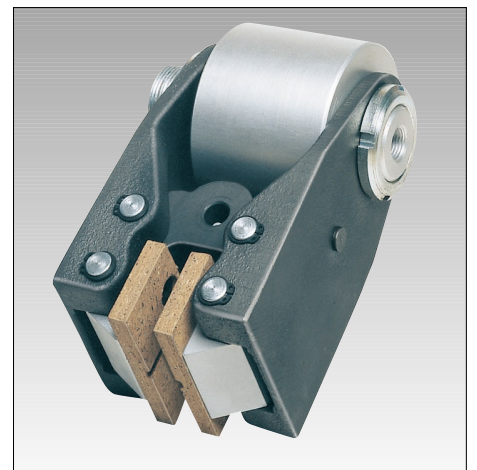
$$Md = Ft \times \left(\frac{\varnothing [m]}{2} - 0,025 [m] \right)$$

BRAKING TORQUE (Md)

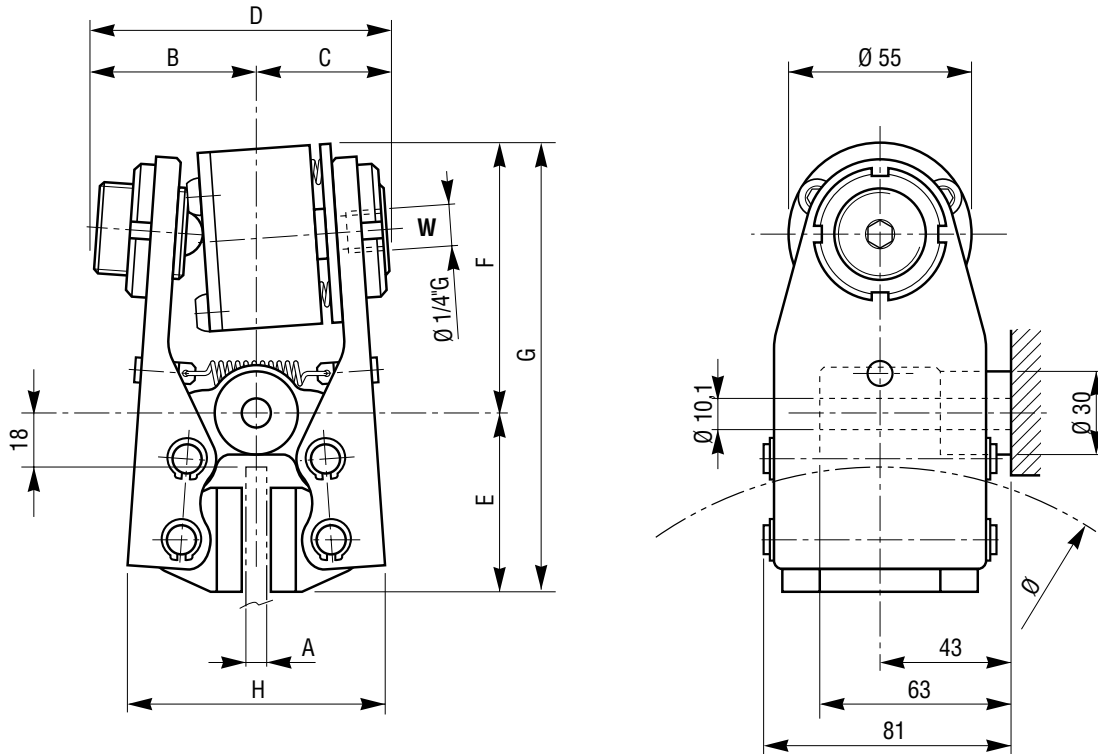
Warning: Initial braking torque can be from 30% up to 50% less than nominal torque, until the friction pad works correctly on the disc surface.



- W = Alimentazione aria / Air supply [bar]
- Ø = Diametro disco / Disc diameter [mm]
- Spessore Ferodo Nuovo
Thickness of new pad 8 mm
- Massima usura totale Ferodi
Maximum total wear of pads 6 mm
- Superficie Ferodo
Brake pad area 2275 mm²



SERIE / MODEL PPB-N 001 □□
CODICE / CODE 19.36.001.□□



□□	A	B	C	D min	D max	E	F	G	H max	Forza frenante - Ft (N) Braking force - Ft (N)	Peso (kg) Weight (kg)
02	8	60	45	105	114	60	89	149	86	640 (molle/springs)	2,5
03	12,7	62	47	109	118	60	89	149	90	640 (molle/springs)	2,6
04	25,4	69	54	123	132	60	89	149	104	640 (molle/springs)	2,7

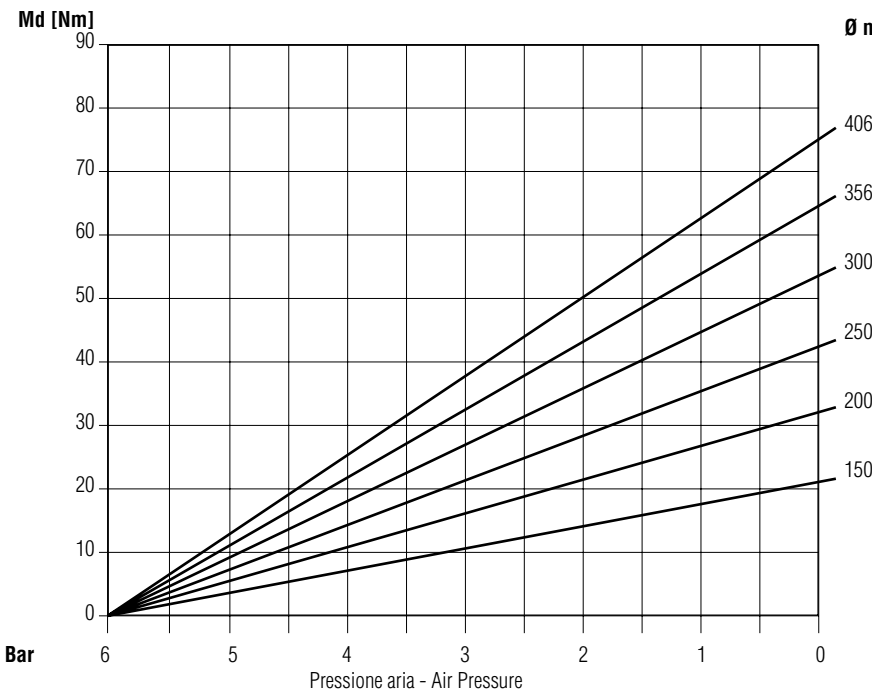
COPPIA FRENANTE (Md)

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

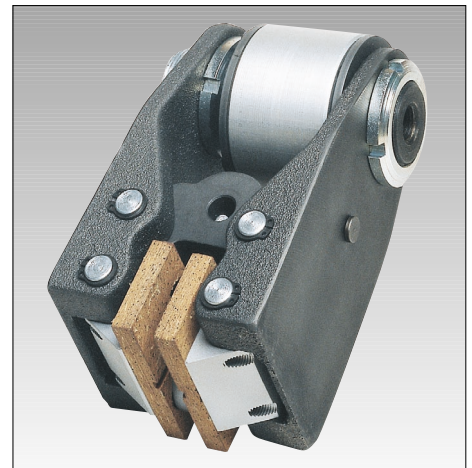
$$Md = Ft \times \left(\frac{\varnothing [m]}{2} - 0,025 [m] \right)$$

BRAKING TORQUE (Md)

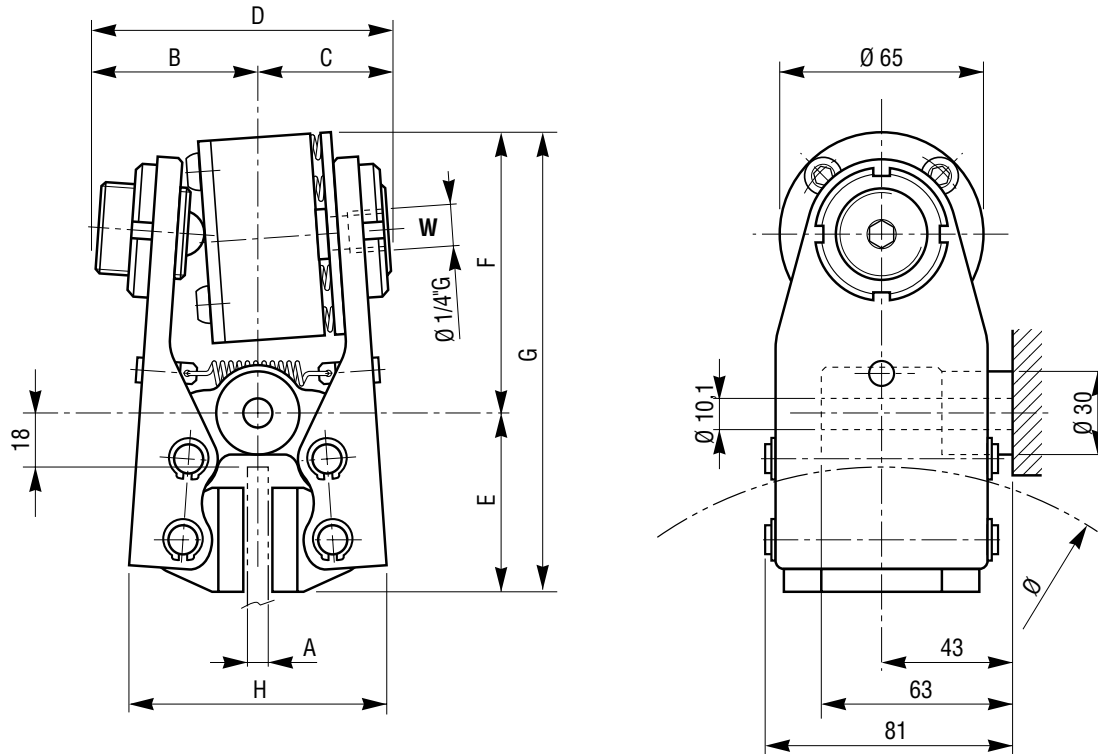
Warning: Initial braking torque can be from 30% up to 50% less than nominal torque, until the friction pad works correctly on the disc surface.



W = Alimentazione aria / Air supply..... [bar]
 Ø = Diametro disco / Disc diameter [mm]
 Spessore Ferodo Nuovo
 Thickness of new pad 8 mm
 Massima usura totale Ferodi
 Maximum total wear of pads 6 mm
 Superficie Ferodo
 Brake pad area 2275 mm²



SERIE / MODEL	PPB-N 002 □□
CODICE / CODE	19.36.002.□□



□□	A	B	C	D min	D max	E	F	G	H max	Forza frenante - Ft (N) Braking force - Ft (N)	Peso (kg) Weight (kg)
02	8	60	45	105	114	60	94	154	86	1180 (molle/springs)	2,7
03	12,7	62	47	109	118	60	94	154	90	1180 (molle/springs)	2,8
04	25,4	69	54	123	132	60	94	154	104	1180 (molle/springs)	2,9

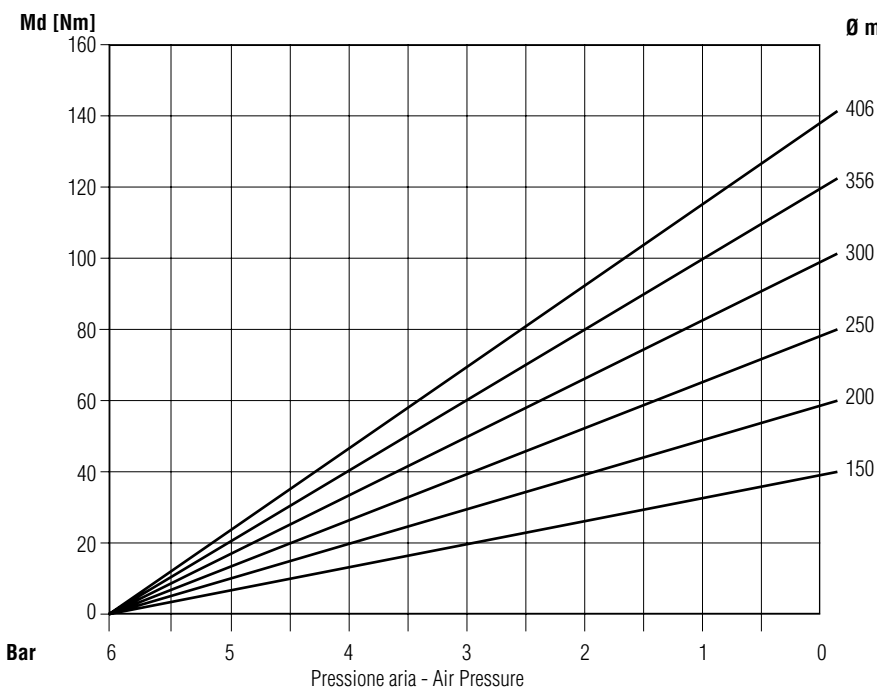
COPPIA FRENANTE (Md)

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

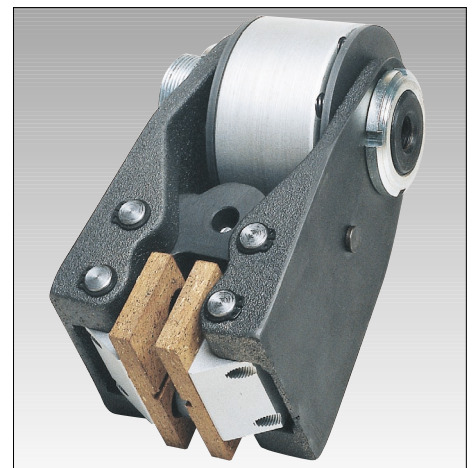
$$Md = Ft \times \left(\frac{\varnothing [m]}{2} - 0,025 [m] \right)$$

BRAKING TORQUE (Md)

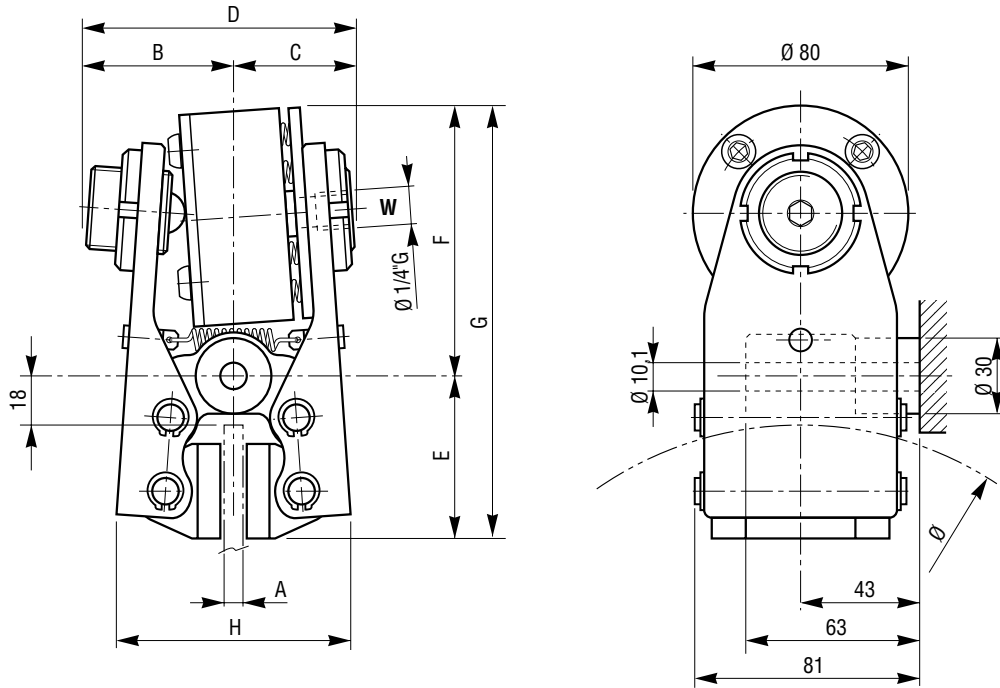
Warning: Initial braking torque can be from 30% up to 50% less than nominal torque, until the friction pad works correctly on the disc surface.



- W = Alimentazione aria / Air supply [bar]
- Ø mm = Diametro disco / Disc diameter [mm]
- Spessore Ferodo Nuovo
Thickness of new pad 8 mm
- Massima usura totale Ferodi
Maximum total wear of pads 6 mm
- Superficie Ferodo
Brake pad area 2275 mm²



SERIE / MODEL PPB-N 003 □□
CODICE / CODE 19.36.003.□□



□□	A	B	C	D min	D max	E	F	G	H max	Forza frenante - Ft (N) Braking force - Ft (N)	Peso (kg) Weight (kg)
02	8	60	45	105	114	60	101	161	86	2300 (molle/springs)	2,9
03	12,7	62	47	109	118	60	101	161	90	2300 (molle/springs)	3,0
04	25,4	69	54	123	132	60	101	161	104	2300 (molle/springs)	3,1

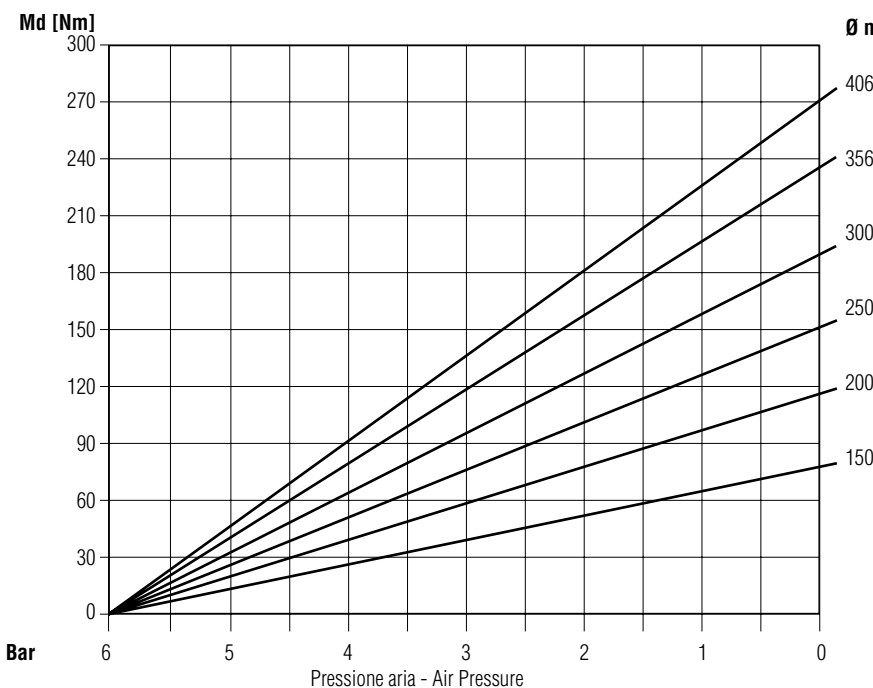
COPPIA FRENANTE (Md)

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

$$Md = Ft \times \left(\frac{\varnothing [m]}{2} - 0,025 [m] \right)$$

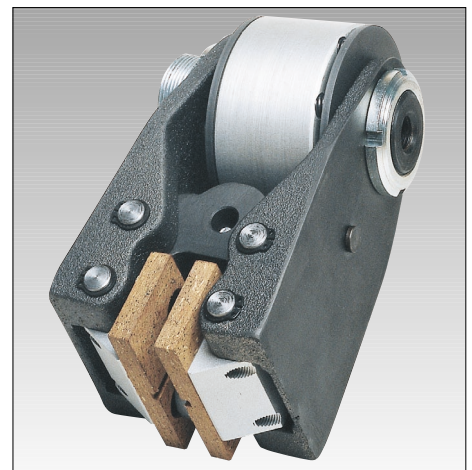
BRAKING TORQUE (Md)

Warning: Initial braking torque can be from 30% up to 50% less than nominal torque, until the friction pad works correctly on the disc surface.



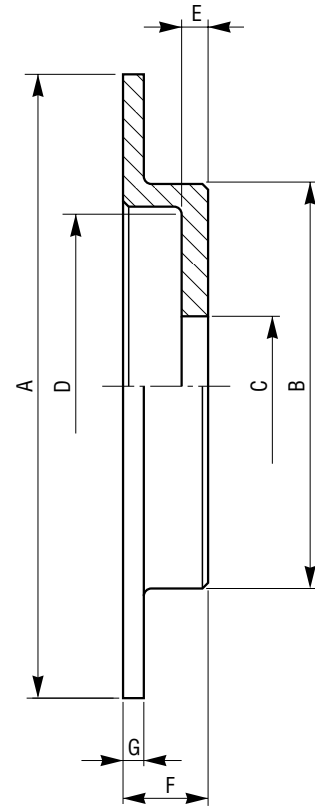
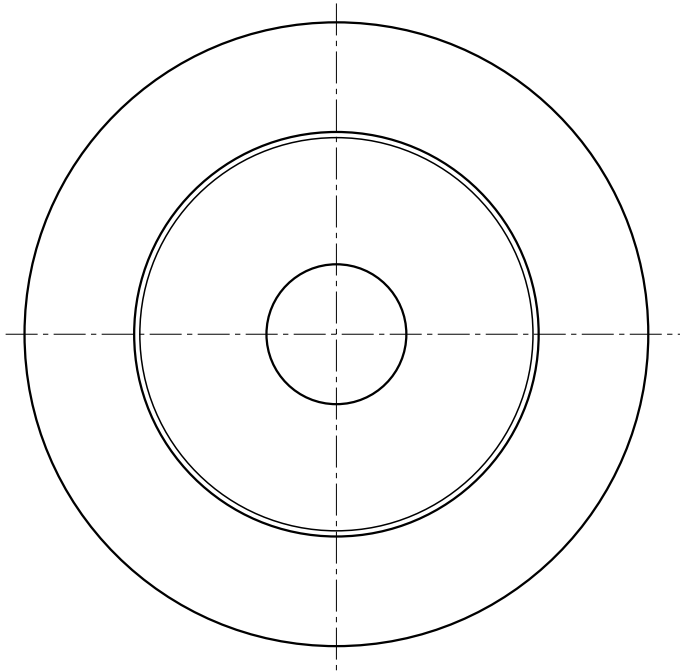
W = Alimentazione aria / Air supply..... [bar]
Ø = Diametro disco / Disc diameter [mm]

- Spessore Ferodo Nuovo
Thickness of new pad 8 mm
- Massima usura totale Ferodi
Maximum total wear of pads 6 mm
- Superficie Ferodo
Brake pad area 2275 mm²



SERIE / MODEL
CODICE / CODE

DF □□□
41.50.□□□.01



□□□	A	B	C Grezzo Rough	D	E	F	G	J kg/m ²	Peso Weight kg	Velocità del disco R.P.M. limit max
250	250	128	20	116	6	36	12,7	0,03125	4,1	4500
300	300	181	30	161	13	41	12,7	0,07875	7,4	4000
356	356	210	40	171	16	54	12,7	0,15842	12	3500
406	406	260	44	234	16	54	12,7	0,26786	15	3000
457	457	311	44	273	16	54	12,7	0,46991	20	2750
514	514	368	44	336	16	54	12,7	0,75957	25	2450
610	610	464	44	425	16	54	12,7	1,58142	36	2000

Materiale:

Ghisa sferoidale GS 400-12

Material:

Spheroidal Graphite Iron GS 400-12

