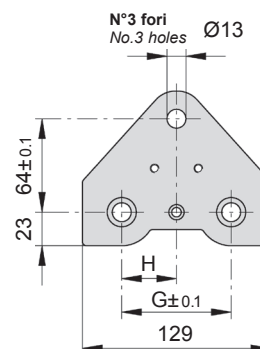
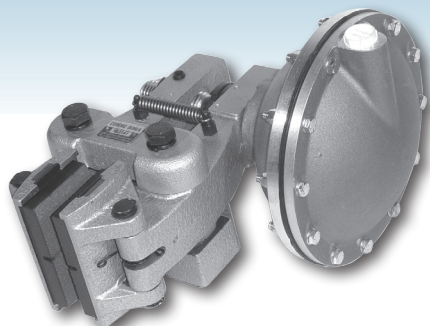
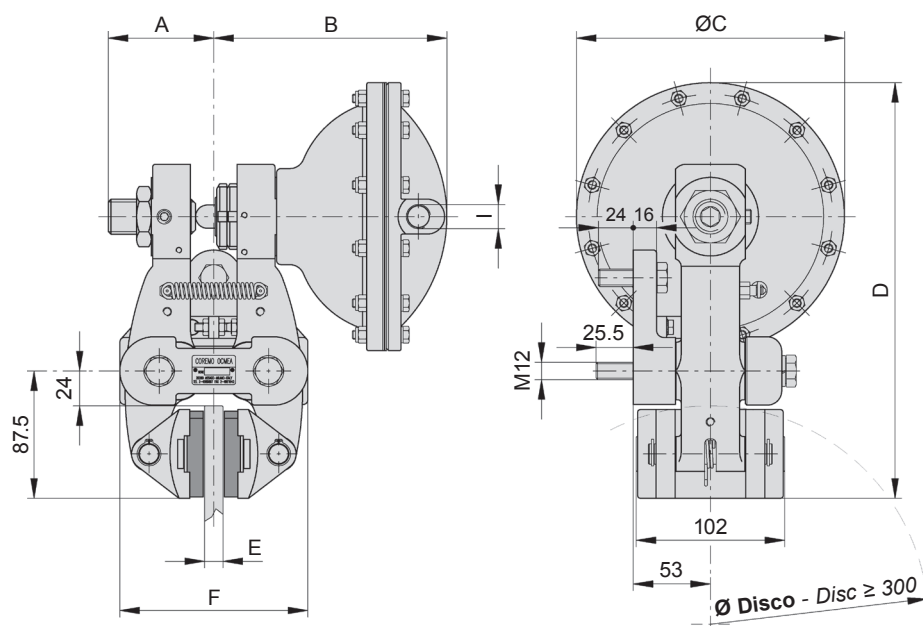


D



Vista base di montaggio
View on caliper base



DIMENSIONI/DIMENSIONS

TIPO SIZE	Cod. Prodotto Product Number	A	B	ØC	D	E	F	G	H	I	Volume aria Air Volume dm³	Peso Weight kg
D05	A2398	75	107	74	230.5	12.7	129	75	37.5	1/4"gas	0.025	9.5
	A2406	74.5	109	74	232.5	25.4	132	84	42	1/4"gas	0.025	9.5
	A2414	86	116	74	230.5	30	140	75	37.5	1/4"gas	0.025	9.5
	A2422	81.5	120.5	74	230.5	40	149	84	42	1/4"gas	0.025	9.5
D1	A2430	72.5	119.5	116	251.5	12.7	129	75	37.5	1/4"gas	0.1	9.8
	A2438	72	120	116	253	25.4	132	84	42	1/4"gas	0.1	9.8
	A2446	83.5	128.5	116	251.5	30	140	75	37.5	1/4"gas	0.1	9.8
	A2454	79	133	116	251.5	40	149	84	42	1/4"gas	0.1	9.8
D2	A2462	72.5	141.5	142	264.5	12.7	129	75	37.5	3/8"gas	0.2	10.6
	A2470	72	142	142	267.5	25.4	132	84	42	3/8"gas	0.2	10.6
	A2478	83.5	150.5	142	264.5	30	140	75	37.5	3/8"gas	0.2	10.6
	A2486	79	155	142	264.5	40	149	84	42	3/8"gas	0.2	10.6
D3	A2494	72.5	160	184	285.5	12.7	129	75	37.5	3/8"gas	0.4	11.8
	A2502	72	161	184	289	25.4	132	84	42	3/8"gas	0.4	11.8
	A2510	83.5	169	184	285.5	30	140	75	37.5	3/8"gas	0.4	11.8
	A2518	79	174	184	285.5	40	149	84	42	3/8"gas	0.4	11.8

Attenzione: La coppia iniziale può essere dal 30% al 50% in meno rispetto al valore nominale, fino all'assettamento del ferodo sul disco.

Warning: The initial torque on new units can be 30% to 50% less than the catalogue value until the friction facing and friction disc are lapped or worn in.

Dati tecnici

Forza tangenziale F:

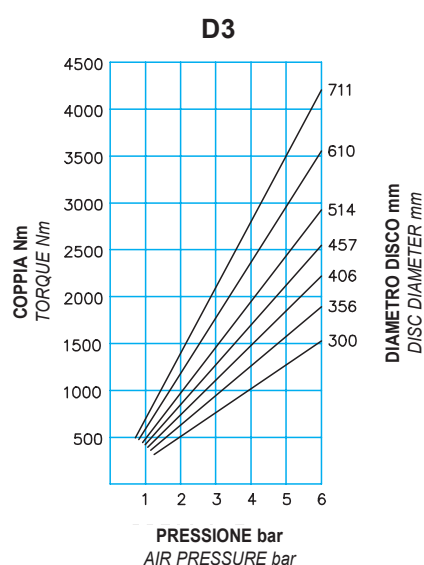
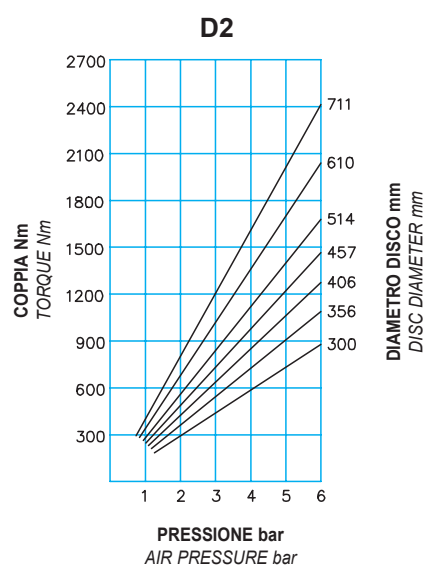
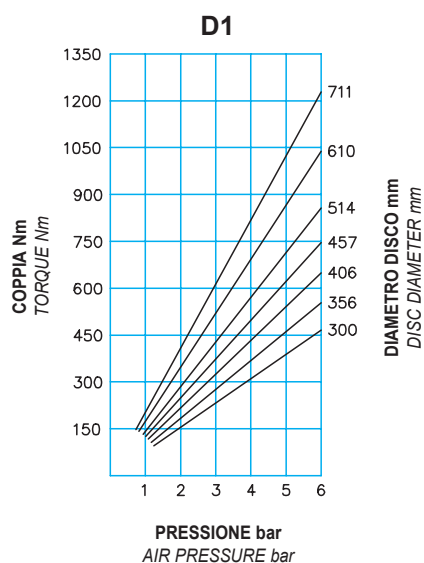
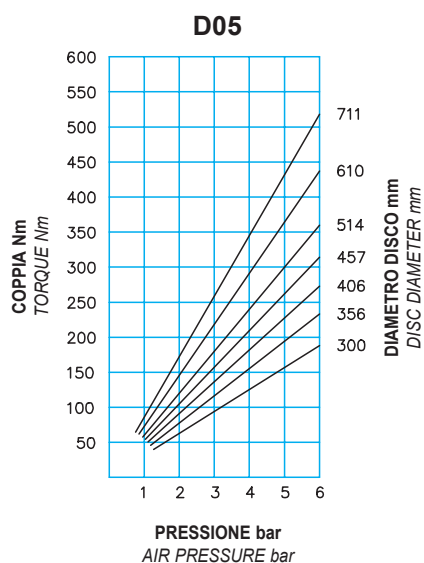
D05	1600 N a 6 bar
D1	3800 N a 6 bar
D2	7500 N a 6 bar
D3	12700 N a 6 bar

Coppia dinamica
 $= F \cdot (\text{raggio del disco in m} - 0.033) = \text{Nm}$

Usura max totale: 12 mm

Spessore del ferodo nuovo: 11 mm

Dissipazione del calore in continuo
 Qc: 3.4 kW



Technical data

Braking force F:

D05	1600 N at 6 bar
D1	3800 N at 6 bar
D2	7500 N at 6 bar
D3	12700 N at 6 bar

Dynamic torque
 $= F \cdot (\text{disc radius in m} - 0.033) = \text{Nm}$

Max total wear: 12 mm

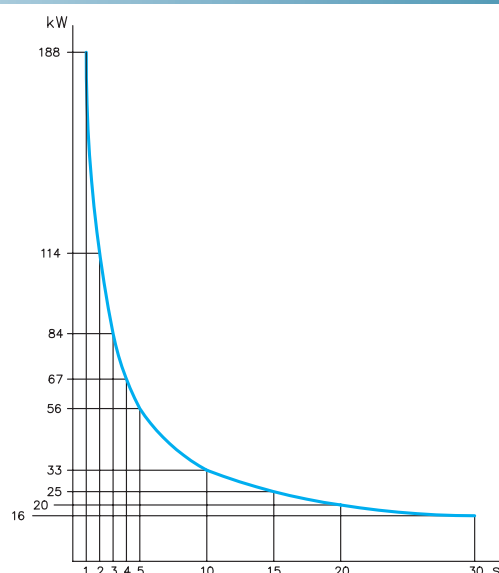
Thickness of new lining: 11 mm

Continuous thermal capacity
 Qc: 3.4 kW

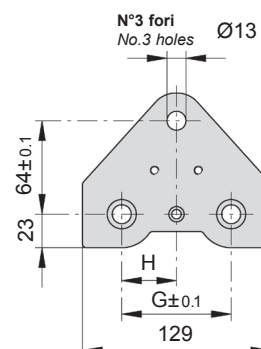
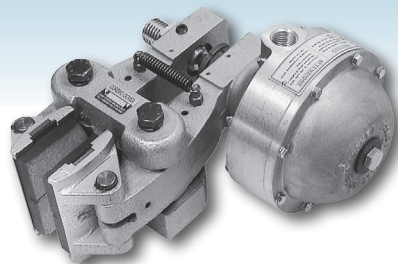
DIAGRAMMA/CHART

Dissipazione
di calore
per frenatura
di emergenza

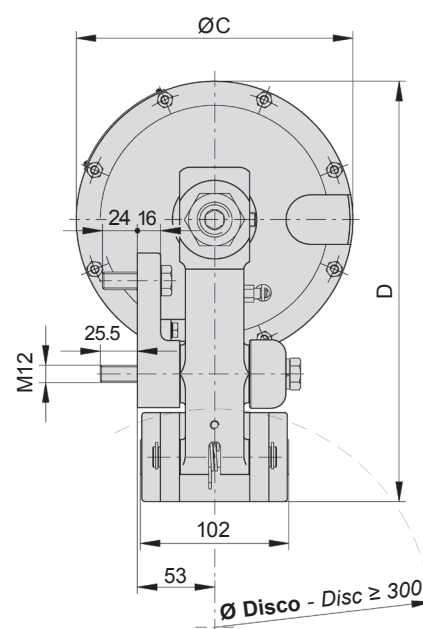
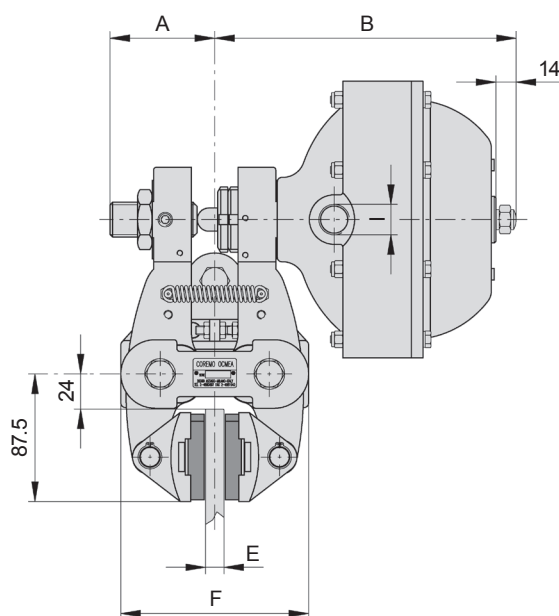
Thermal capacity
for emergency stop



D-N



Vista base di montaggio
View on caliper base



DIMENSIONI/DIMENSIONS

TIPO SIZE	Cod. Prodotto Product Number	A	B	ØC	D	E	F	G	H	I	Volume aria Air Volume dm³	Peso Weight kg
D-1N	A2526	70	189	98	242.5	12.7	129	75	37.5	1/4"gas	0.16	11.3
	A2534	69.5	190	98	246.5	25.4	132	84	42	1/4"gas	0.16	11.3
	A2542	81	198	98	242.5	30	140	75	37.5	1/4"gas	0.16	11.3
	A2550	76.5	202.5	98	242.5	40	149	84	42	1/4"gas	0.16	11.3
D-2N	A2558	72	179	144	265.5	12.7	129	75	37.5	1/2"gas	0.3	12.3
	A2566	71.5	180	144	268	25.4	132	84	42	1/2"gas	0.3	12.3
	A2574	83	188	144	265.5	30	140	75	37.5	1/2"gas	0.3	12.3
	A2582	78.5	192.5	144	265.5	40	149	84	42	1/2"gas	0.3	12.3
D-3N	A2590	72	207	190	288.5	12.7	129	75	37.5	1/2"gas	0.7	15.4
	A2598	71.5	208	190	292	25.4	132	84	42	1/2"gas	0.7	15.4
	A2606	83	216	190	288.5	30	140	75	37.5	1/2"gas	0.7	15.4
	A2614	78.5	220.5	190	288.5	40	149	84	42	1/2"gas	0.7	15.4

Attenzione: La coppia iniziale può essere dal 30% al 50% in meno rispetto al valore nominale, fino all'assestamento del ferodo sul disco.

Warning: The initial torque on new units can be 30% to 50% less than the catalogue value until the friction facing and friction disc are lapped or worn in.

Dati tecnici

Forza tangenziale F:

D-1N	2625 N
D-2N	5250 N
D-3N	10400 N

Coppia dinamica
 $= F \cdot (\text{raggio del disco in m} - 0.033) = \text{Nm}$
 Usura max totale: 12 mm
 Spessore del ferodo nuovo: 11 mm
 Dissipazione del calore in continuo
 Qc: 3.4 kW

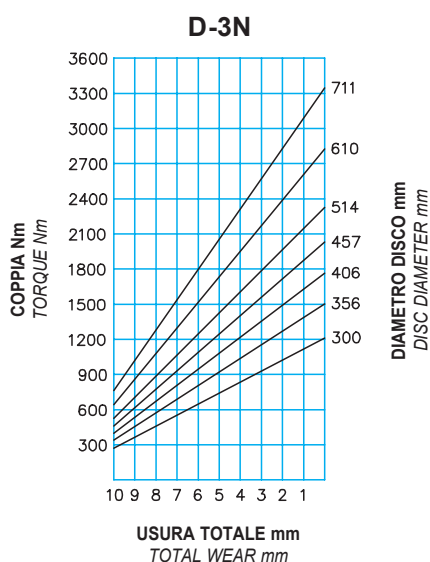
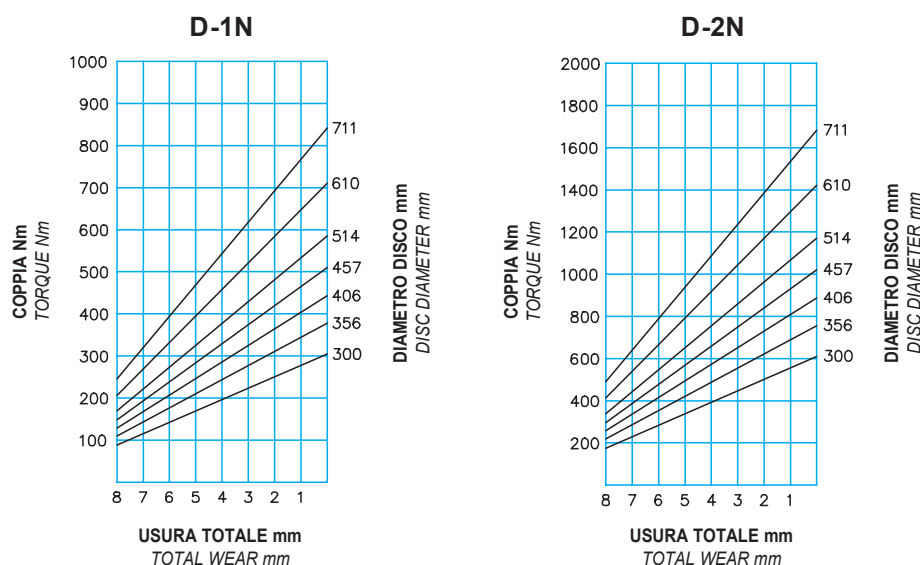
Pressione minima di apertura: 5 bar

I valori di coppia indicati sono
 ottenuti con n. 4 molle per 1N,
 n. 8 molle per 2N e 3N.

Coppie proporzionalmente inferiori
 si possono ottenere con n. 2 molle per 1N,
 n. 6-4-2 molle per 2N e 3N.

Il grafico rappresenta l'andamento
 della coppia per ogni millimetro
 di usura dei ferodi.

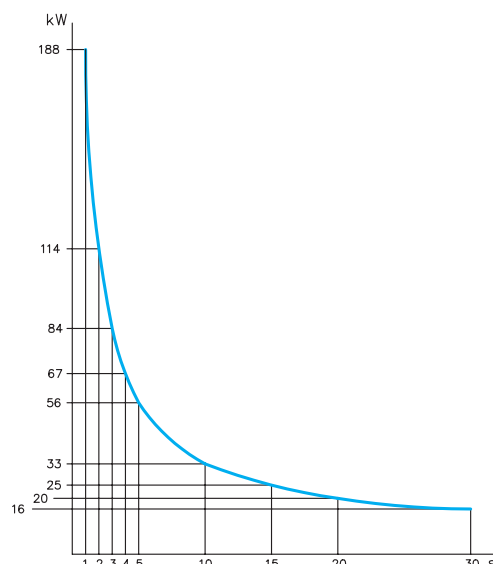
Per ripristinare il valore
 nominale della coppia intervenire
 sul sistema di regolazione.



DIAGRAMMA/CHART

Dissipazione
 di calore
 per frenatura
 di emergenza

Thermal capacity
 for emergency stop



Technical data

Braking force F:

D-1N	2625 N
D-2N	5250 N
D-3N	10400 N

Dynamic torque
 $= F \cdot (\text{disc radius in m} - 0.033) = \text{Nm}$

Max total wear: 12 mm

Thickness of new lining: 11 mm

Continuous thermal capacity
 Qc: 3.4 kW

Minimum release pressure: 5 bar

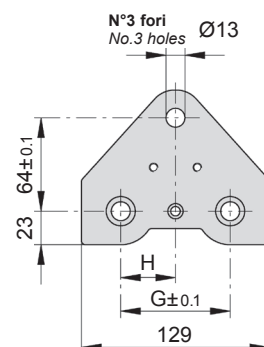
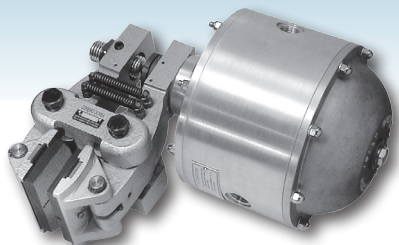
The torque values specified
 are obtained with n. 4 springs for 1N,
 n. 8 springs for 2N and 3N.

Torque proportionally less
 are achievable with n. 2 springs for 1N,
 n. 6-4-2 springs for 2N and 3N.

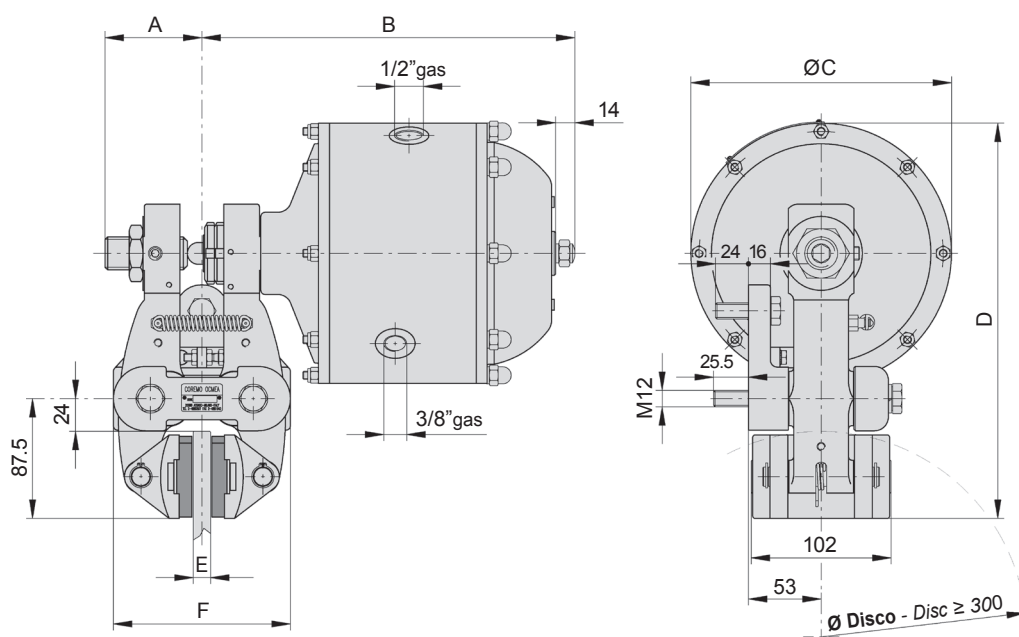
The diagram shows the torque
 variation for each millimeter
 of linings wear.

Adjust according to ensure the
 correct torque value is achieved.

D-Dual



Vista base di montaggio
View on caliper base



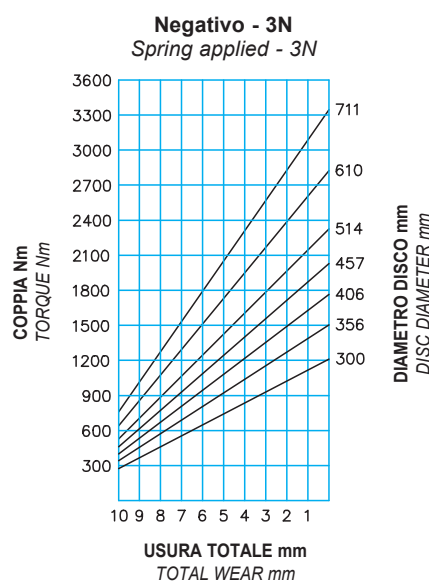
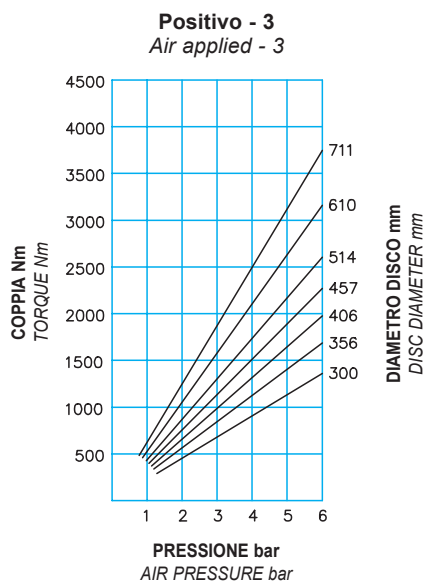
DIMENSIONI/DIMENSIONS

TIPO SIZE	Cod. Prodotto Product Number	A	B	ØC	D	E	F	G	H	Volume aria Air VolumeWeight dm ³		Peso kg
										Positivo Air actuated	Negativo Spring applied	
D1-2N	A3094	72	242	144	265.5	12.7	129	75	37.5	0.12	0.22	15.1
	A3079	71	243	144	270	25.4	132	84	42	0.12	0.22	15.1
	A3111	83	251	144	265.5	30	140	75	37.5	0.12	0.22	15.1
	A3119	79	256	144	265.5	40	149	84	42	0.12	0.22	15.1
D3-3N	A2718	70.5	272	190	288.5	12.7	129	75	37.5	0.26	0.4	20.6
	A2726	70	272.5	190	289	25.4	132	84	42	0.26	0.4	20.6
	A2734	81.5	281	190	288.5	30	140	75	37.5	0.26	0.4	20.6
	A2742	77	285.5	190	288.5	40	149	84	42	0.26	0.4	20.6

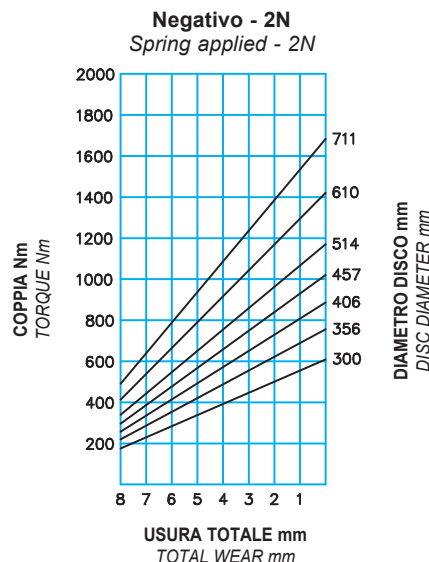
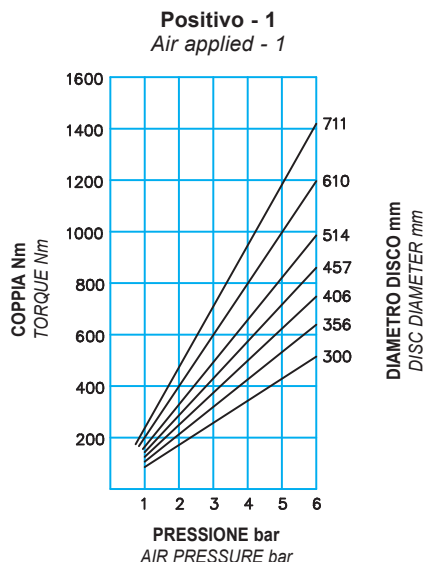
Attenzione: La coppia iniziale può essere dal 30% al 50% in meno rispetto al valore nominale, fino all'assettamento del ferodo sul disco.

Warning: The initial torque on new units can be 30% to 50% less than the catalogue value until the friction facing and friction disc are lapped or worn in.

D3-3N Dual



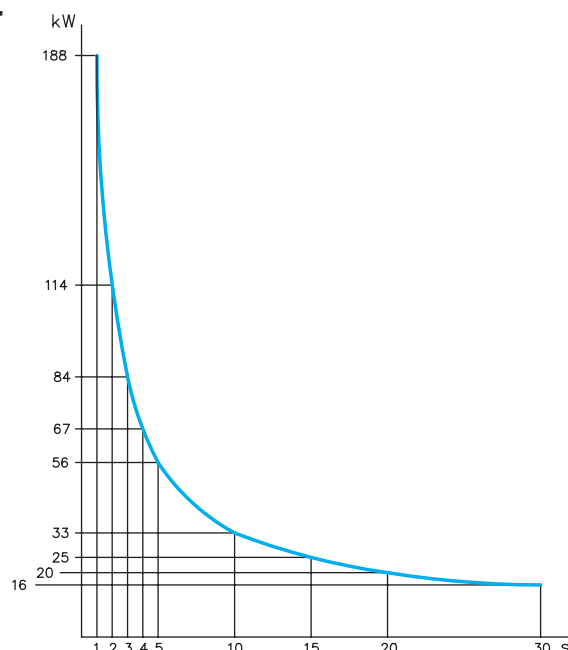
D1-2N Dual



DIAGRAMMA/CHART

**Dissipazione
di calore
per frenatura
di emergenza**

*Thermal capacity
for emergency stop*



Dati tecnici

Forza tangenziale F:

D3-3N positivo 11620 N a 6 bar
negativo 10400 N

D1-2N positivo 4480 N a 6 bar
negativo 5250 N

Coppia dinamica
= $F \cdot (\text{raggio del disco in m} - 0.033) = \text{Nm}$

Usura max totale: 12 mm

Spessore del ferodo nuovo: 11 mm

Dissipazione del calore in continuo
Qc: 3.4 kW

Pressione minima di apertura
(negativo): 5 bar

I valori di coppia indicati per
il freno, quando negativo, sono ottenuti
con n. 8 molle.

Coppie proporzionalmente inferiori
si possono ottenere con
n. 6-4-2 molle.

Il grafico rappresenta l'andamento
della coppia per ogni millimetro
di usura dei ferodi.

Per ripristinare il valore
nominale della coppia intervenire
sul sistema di regolazione.

Technical data

Braking force F:

D3-3N air actuated 11620 N at 6 bar
spring applied 10400 N

D1-2N air actuated 4480 N at 6 bar
spring applied 5250 N

Dynamic torque
= $F \cdot (\text{disc radius in m} - 0.033) = \text{Nm}$

Max total wear: 12 mm

Thickness of new lining: 11 mm

Continuous thermal capacity
Qc: 3.4 kW

Minimum release pressure
(spring applied): 5 bar

The torque values specified,
when the brake is spring applied,
are obtained with n. 8 springs.

Torque proportionally less
are achievable with n. 6-4-2 springs.

The diagram shows the torque
variation for each millimeter
of lining wear.

Adjust according to ensure the
correct torque value is achieved.