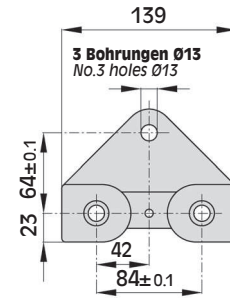
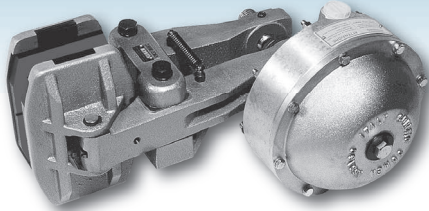
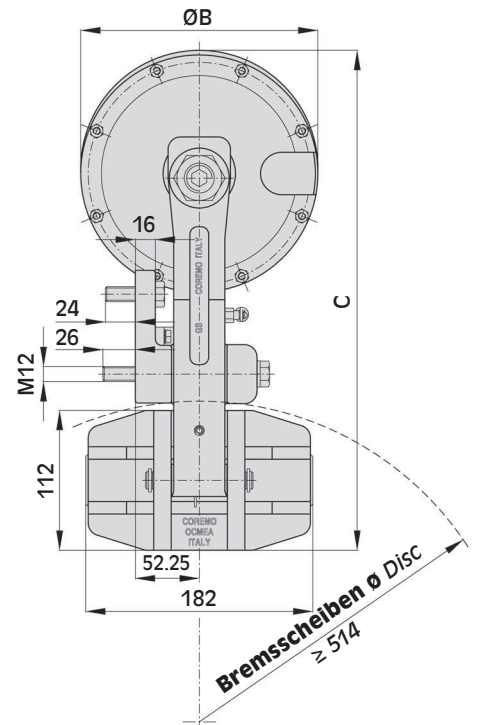
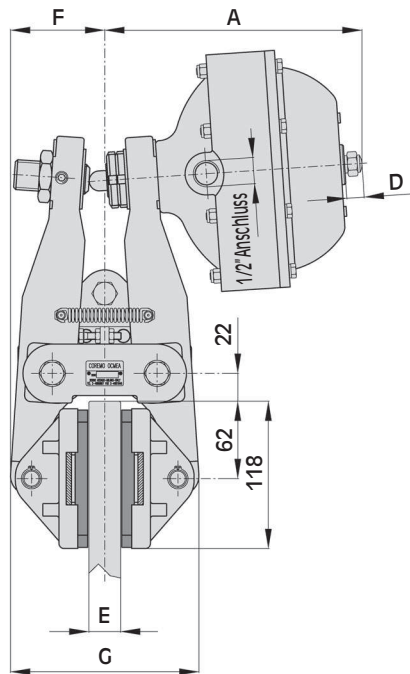


# G-N



Ansicht Anschraubfläche Bremse  
View on caliper base



## ABMESSUNGEN/DIMENSIONS

TYP SIZE	Teil-Nr Product Number	A	ØB	C	D	E	F	G	Luftvolumen Air Volume dm <sup>3</sup>	Gewicht Weight kg
G-2N	A2161	178	144	375	14	25.4	75.5	151	0.3	18.2
	A2862	186	144	375	14	40	86	165.5	0.3	18.2
G-3N	A2164	206	190	399	14	25.4	75.5	151	0.7	21.3
	A2866	214	190	399	14	40	86	165.5	0.7	21.3
G-3.5N	A2167	222	240	426	16	25.4	75.5	151	0.95	25.7
	A2870	230	240	426	16	40	86	165.5	0.95	25.7

**Warnung:** Das anfängliche Bremsmoment neuer Bremsen/Bremsbeläge kann um 30-50% zu den Katalogwerten verringert sein, bis Bremsbeläge u. -scheiben eingelaufen sind!  
**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.

## Techn. Daten

Bremskraft F:

G-2N	5250 N
G-3N	10400 N
G-3.5N	19260 N

dyn. Bremsmoment:

$$= F \cdot (\text{Scheibenradius(m)} - 0.062) = \text{Nm}$$

Max. Belagverschleiss: 10 mm

Bremsbelagsdicke (neu): 8 mm

Dauerwärmeleistung: Qc = 14 kW

Dauerwärmeleistung: 5 bar

Die Br.-Momente beziehen sich auf

8 Bet.-Federn (2N & 3N)

12 Bet.-Federn (3.5N)

Proportional geringere Br.-Momente sind

erreichbar durch den Einsatz von

6-4-2 Bet.-Federn (2N & 3N)

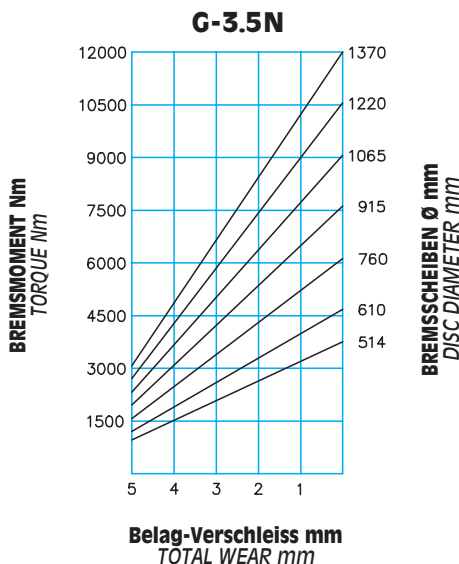
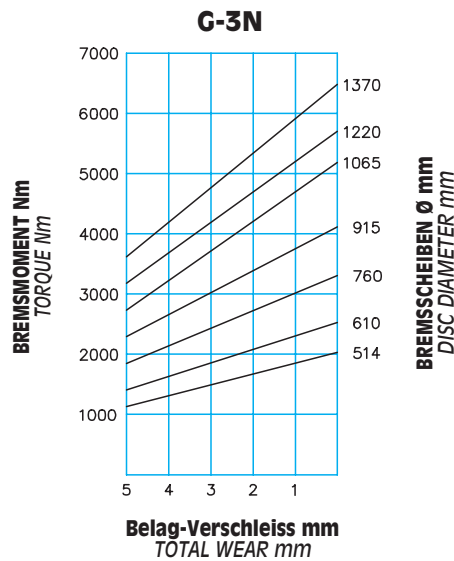
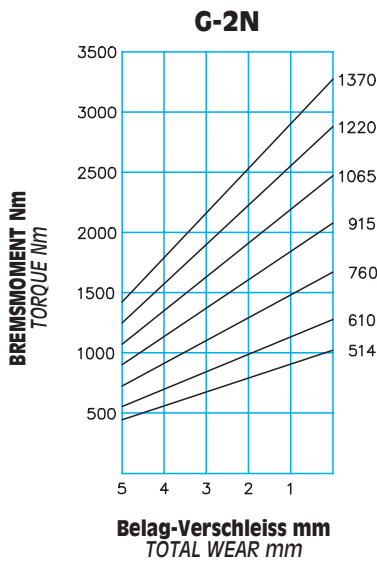
10-8-6 Bet.-Federn (3.5N)

Das Diagramm zeigt die Bremsmoment-

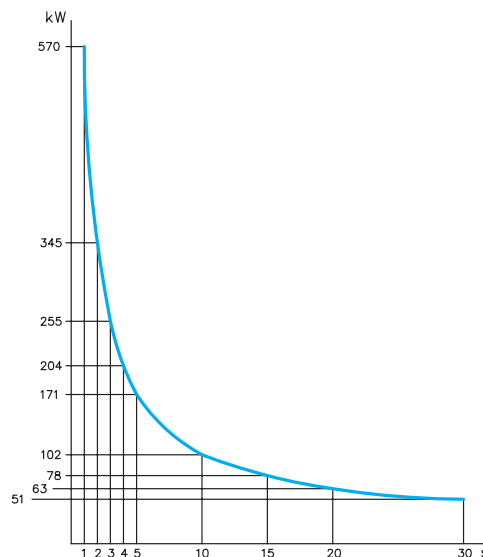
abweichungen je 1 mm Belagverschleiss.

Für gleichbleibendes Br.-Moment muss die

Bremse entsprechend nachjustiert werden.



## DIAGRAMM/CHART



### Therm. Kapazität für Notstop

Thermal capacity for emergency stop

## Technical data

Braking force F:

G-2N	5250 N
G-3N	10400 N
G-3.5N	19260 N

Dynamic torque

$$= F \cdot (\text{disc radius in m} - 0.062) = \text{Nm}$$

Max total wear: 10 mm

Thickness of new lining: 8 mm

Continuous thermal capacity

Qc: 14 kW

Minimum release pressure: 5 bar

The torque values specified

are obtained with

No. 8 springs for 2N-3N,

No. 12 springs for 3.5N.

Torque proportionally less

are achievable with

No. 6-4-2 springs for 2N-3N,

No. 10-8-6 springs for 3.5N.

The diagram shows the torque

variation for each millimeter

of linings wear.

Adjust according to ensure the

correct torque value is achieved.