

CT

Compression load cell

1. Product description

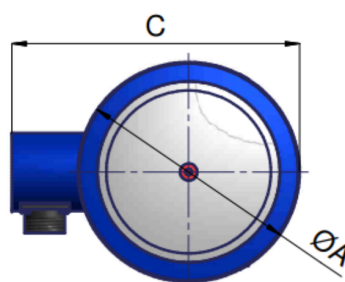
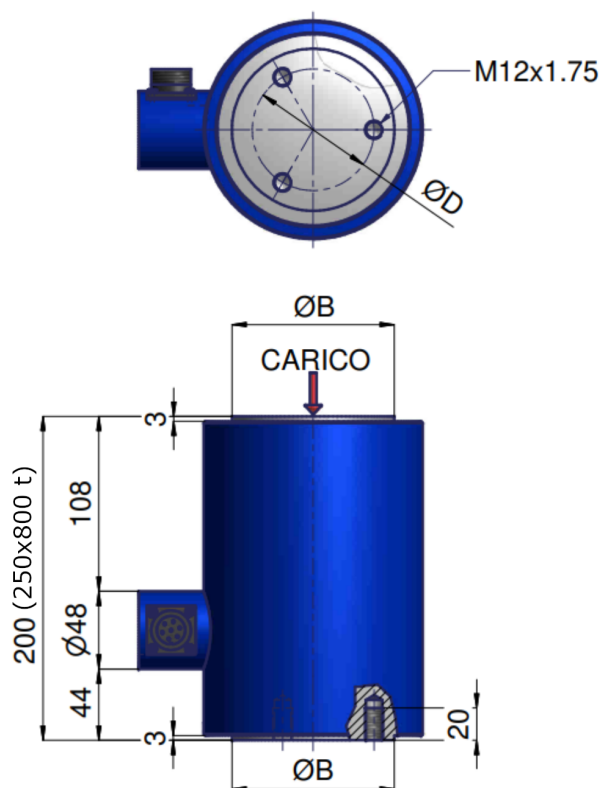


- 1 Capacities from 30 t to 800 t
- 2 Stainless steel construction
- 3 Protection IP 60 - IP67 (EN 60529)
- 4 High accuracy
- 5 On request ATEX e IECEx version
- 6 On request class C1 version (ISO376)

2. Applications

The compression load cells model CT are mainly used in material testing machines.

3. Dimensions (mm.)



Portata t	Std	OIML	ATEX
30 t	✓		✓
60 t	✓		✓
100 t	✓		✓
200 t	✓		✓
300 t	✓		✓
500 t	✓		✓
800 t	✓		✓
1000÷1500 t	✓		✓

Portata t	A	B	C	D
30 - 60 - 100 - 200 - 300 t	135	100	175	75
500 t	180	140	220	75
800 t	216	170	256	/
1000 ÷ 1500 t	DIM. SU RICHIESTA			

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4. Product features

Accuracy class	Standard
Capacities fs (Emax)	30 ÷ 800 t
Rated output (Cn)	2 mV/V ± 0,1%
Nominal excitation range	5 ÷ 10V
Maximum excitation	15V
Zero balance output	± 0,02 mV/V
Input resistance	400 ± 25 Ω
Output resistance	350 ± 2 Ω
Insulation resistance	> 5 GΩ
Combined error	<± 0,1% fs
Non repeatability	<± 0,03% fs
Creep 30 min.	<± 0,05% fs
Temperature effect on zero balance (5°C)	<± 0,01% fs
Temperature effect on rated output (5°C)	<± 0,005% fs
Compensated temperature range	-10°C ÷ +40°C
Operating temperature range	-20°C ÷ +70°C
Maximum safe load	150% fs
Ultimate load	>300% fs
Protection class (EN60529)	IP60 - IP67
Material	Stainless steel
Weight	Max ~ 21 kg
Cable lenght	5m - 6 x 0,35 mm ²

5. Wire diagram

