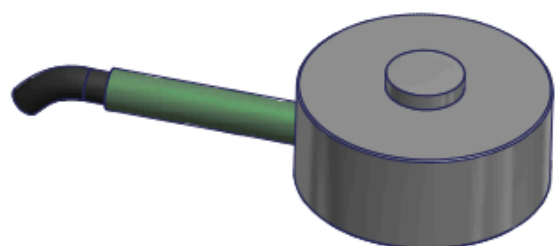


CO MIN

Compression load cell

1. Product description

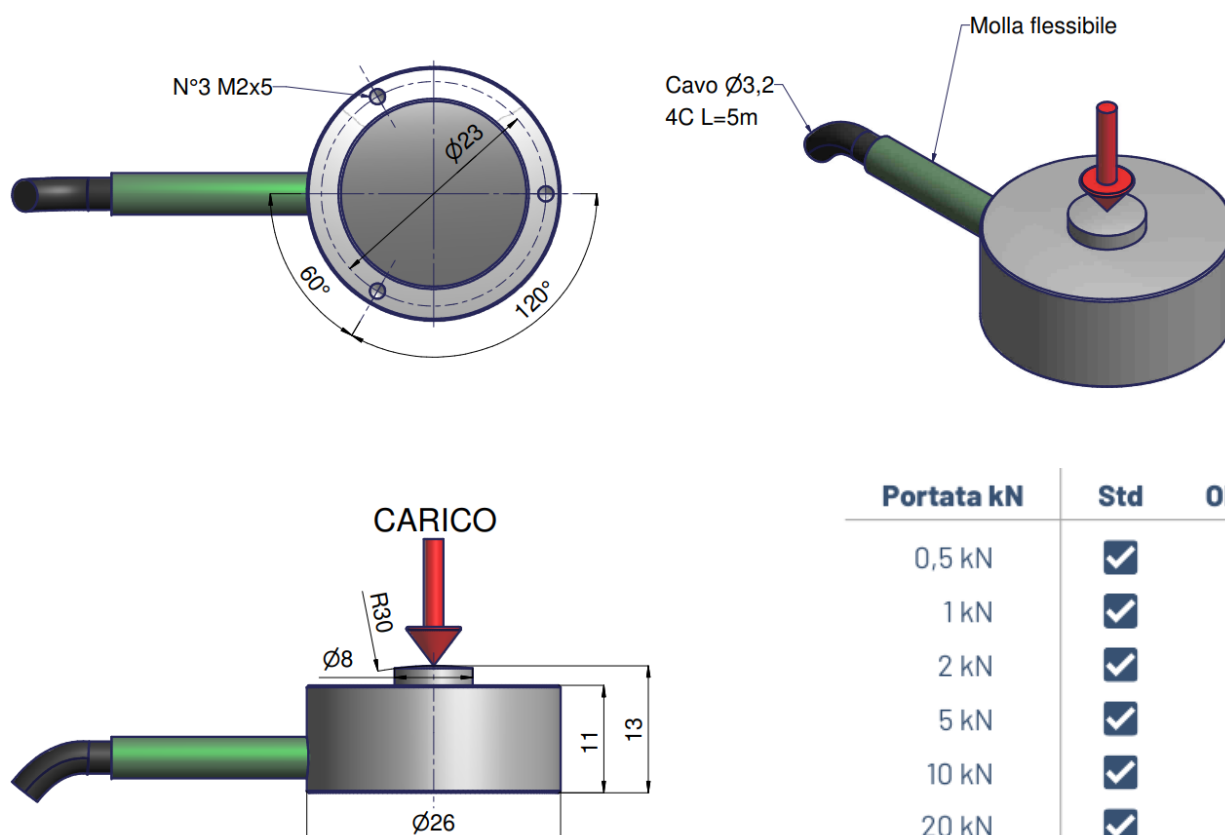


- 1 Capacities from 0,5 kN to 20 kN
- 2 Stainless steel construction
- 3 Protection IP67 (EN 60529)
- 4 High accuracy
- 5 On request ATEX zona 22 version

2. Applications

The compression load cells mod. CO MIN, are usually used into industrial and medical scales, textile machines and test benches

3. Dimensions (mm.)



Portata kN	Std	OIML	ATEX
0,5 kN	✓		✓
1 kN	✓		✓
2 kN	✓		✓
5 kN	✓		✓
10 kN	✓		✓
20 kN	✓		✓

CO MIN

Compression load cell

4. Product features

Accuracy class	Standard
Capacities fs (E _{max})	0,5÷20 kN
Rated output (C _n)	1 mV/V ± 0,1%
Nominal excitation range	5 ÷ 10V
Maximum excitation	15V
Zero balance output	<± 1% fs
Input resistance	380 ± 25 Ω
Output resistance	350 ± 2 Ω
Insulation resistance	> 5 GΩ
Combined error	<± 0,5% fs
Non repeatability	<± 0,002% fs
Creep 30 min.	<± 0,03% fs
Temperature effect on zero balance (5°C)	<± 0,01% fs
Temperature effect on rated output (5°C)	<± 0,01% 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)	IP67
Material	Stainless steel
Weight	~ 0,1 kg
Cable lenght	5m - 4 x 0,12 mm ²

5. Wire diagram

