Compression load cell **PS24**

available with certification • OIML

General information

PWS27820261126

The compression load cell PS24 is made of stainless steel and hermetically sealed. The compression load cell PS24 is easy to install and may be used in several weighing systems, such as tank and silage weighing systems with low profile requirements. As all compression load cells, PS24 is suitable for fixed and perpendicular loads.



Suggested related products

A highly performing weighing system must be accurate, perfectly calibrated and well maintained. In order to improve the load cell performance and to optimize its functioning, you may need the following products:

Mounting kits MKX ®

Mounting kits MH MOUNTING KIT

Tester 1008 TESTER 1008

Shear beam load cells 65023

Compression load cell CC3

Shear beam load cells SBR

All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

PAVONE SISTEMI S.R.L.
Via Tiberio Bianchi 11/13/15, 20863 Concorezzo (MB), Milan, Italy
T (+39) 039 9162656 **F** (+39) 039 9162675 **W** pavonesistemi.com
Industrial Electronic Weighing Systems since 1963

Technical specifications

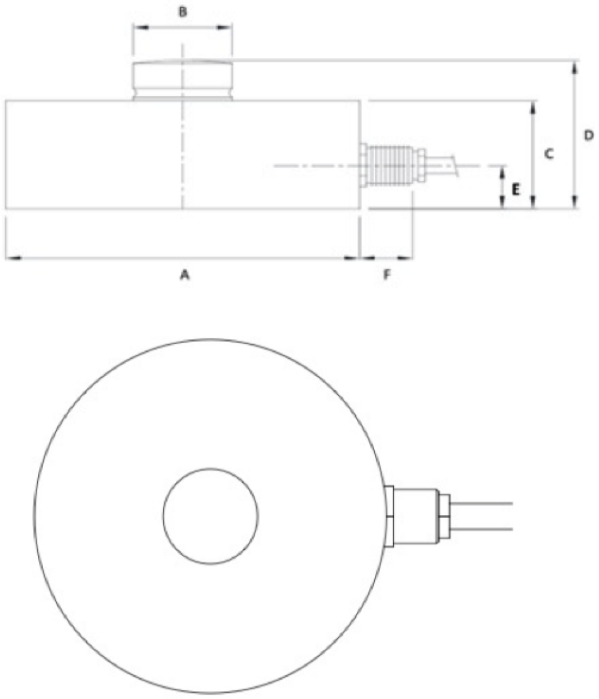
PWS27820261126

Rated Load (RL):	100 kg - 10 t, 15 t, 35 t, 50 t, 100 t
Combined error:	< ±0.05 % RO
Repeatability:	< ± 0,015 % RO
Creep (30 minutes):	±0.048 % RO
Service load:	150 % RL
Ultimate overload:	250 % RL
Minimum Load:	0 % RL
Material:	Stainless steel
Degree of protection:	IP68
Accuracy class:	1000 OIML
Deflection:	< 0.6 mm
Compensated Temperature:	-10 ÷ +40 °C
Temperature range:	-50 ÷ +70°C
Temperature effect on zero balance:	< ±0.01 % RO / 5°C
Temperature effect on output:	< ±0.018 % RO/5°C
Rated output RO:	2 mV/V ±0,1 %
Zero balance:	±2 % RO
Insulation resistance:	> 5000 MOhm
Input impedance:	800 ±30 Ohm
Maximum input voltage:	15 V
Nominal input voltage:	10 V
No load output:	±2 % RO
Output impedance:	705 ±5 Ohm

All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

Compression load cell **PS24**

available with certification • OIML

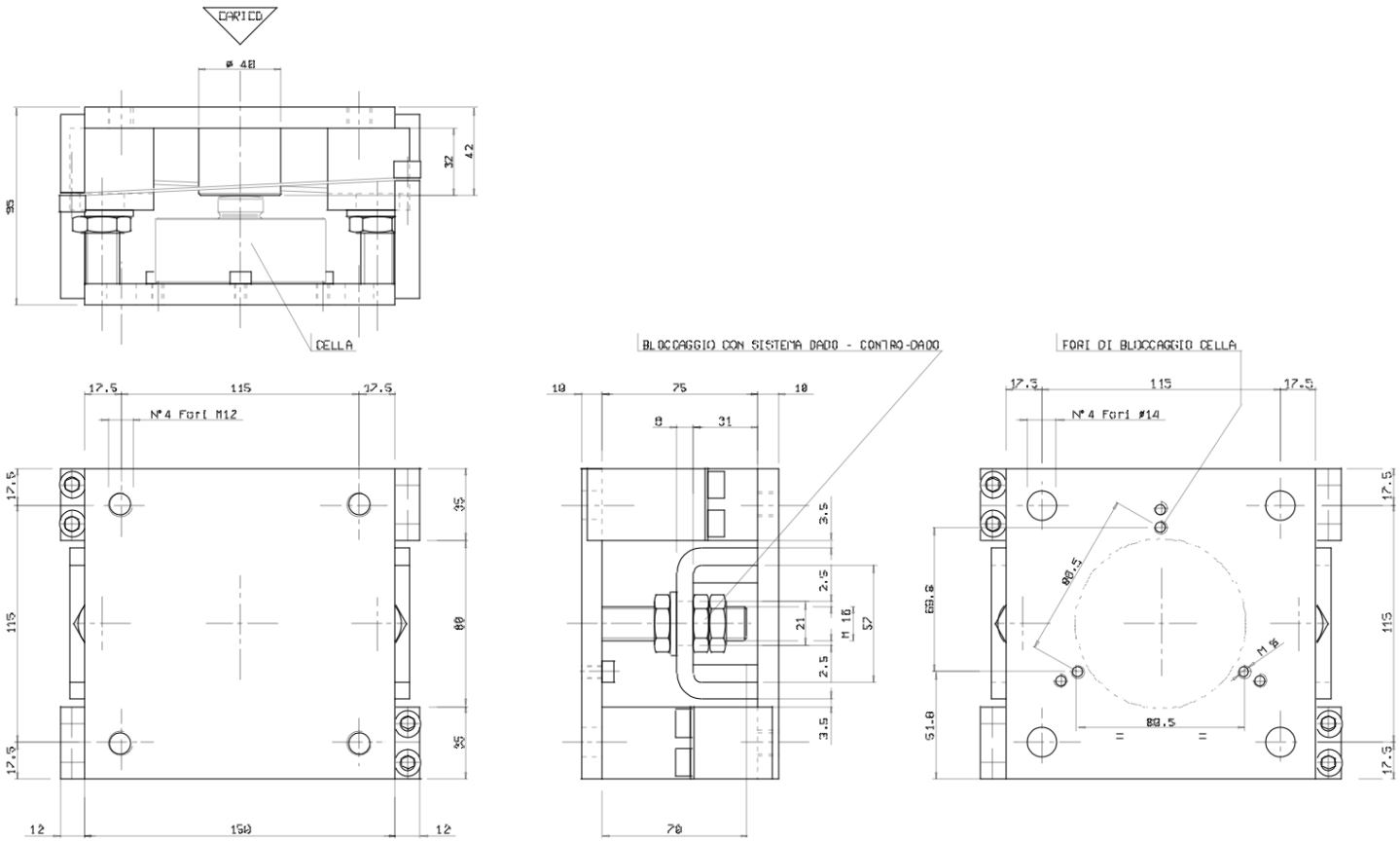


CAPACITY	100 kg - 10 t	15 t	35 t	50 t	100 t
A	diam 82	diam 100	diam 126	diam 164	diam 164
B	diam 22	diam 28	diam 35	diam 60	diam 60
C	32	35	40	60	60
D	44	48	54	80	80
E	15	15	15	15	15
F	14	14	14	26	26

All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

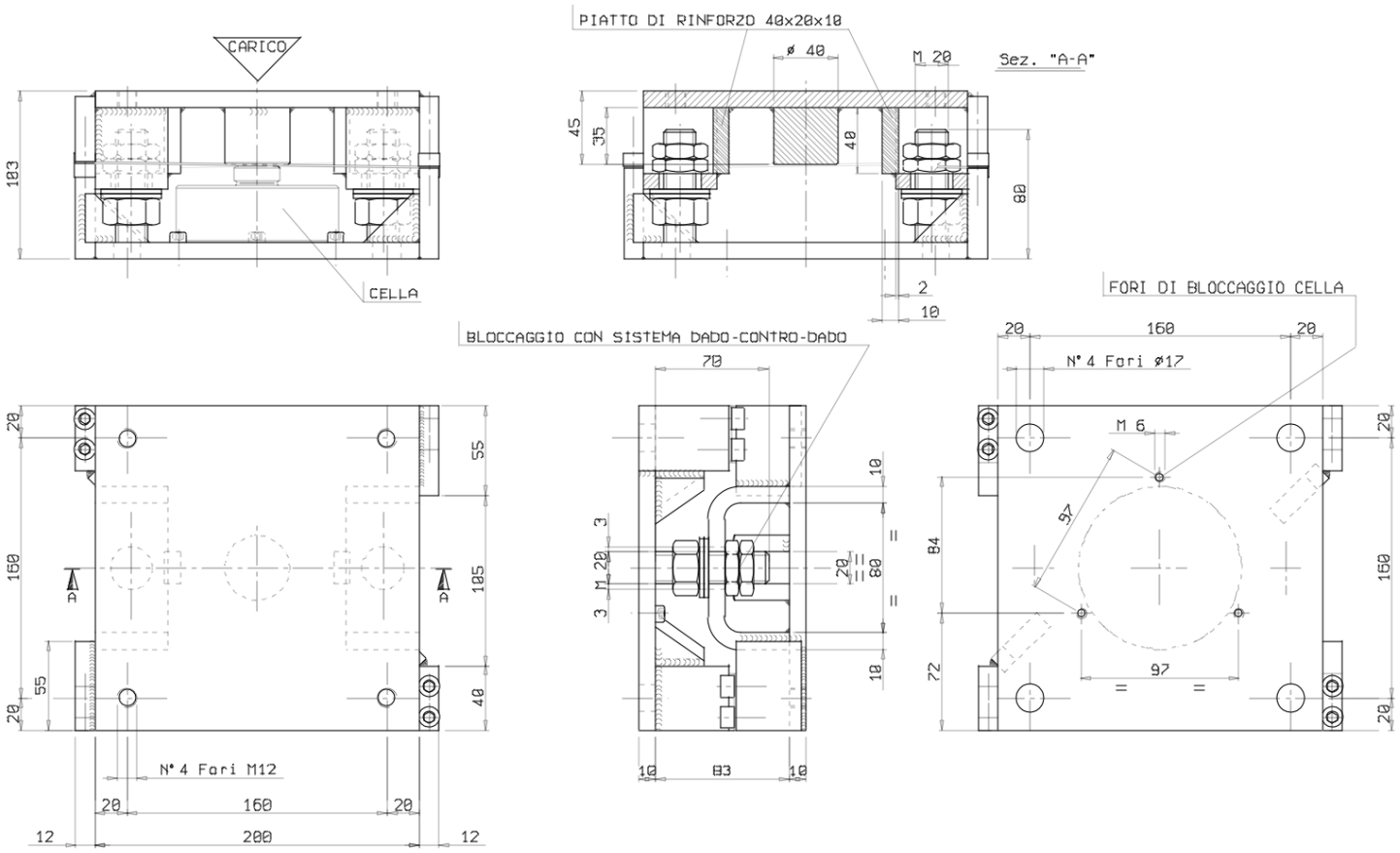
PAVONE SISTEMI S.R.L.
Via Tiberio Bianchi 11/13/15, 20863 Concorezzo (MB), Milan, Italy
T (+39) 039 9162656 **F** (+39) 039 9162675 **W** pavonesistemi.com
Industrial Electronic Weighing Systems since 1963

Mounting kit with load capacity up to 10 tons



All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

Mounting kit with load capacity of 15 tons



All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).