

SCBX

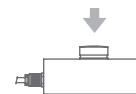
COMPRESSION LOAD CELLS - LOW PROFILE

STAD

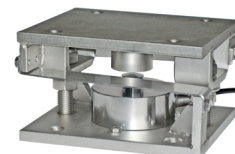


Manufactured according to OIML R60 standards

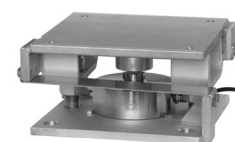
Capacity from 15000 kg to 50000 kg



MOUNTING KITS



SV10000 - SV10275



SV15000 - SV30000 -
SV100000

- 17-4 PH STAINLESS STEEL
- COMBINED ERROR $\leq \pm 0.03\%$
- PROTECTION CLASS IP68

CAPACITY	kg			EAC	NET WEIGHT OF LOAD CELL (kg)	CODE
15000		•	•		1.4	SCBX15000
30000		•	•		2.2	SCBX30000
50000		•	•		3.8	SCBX50000

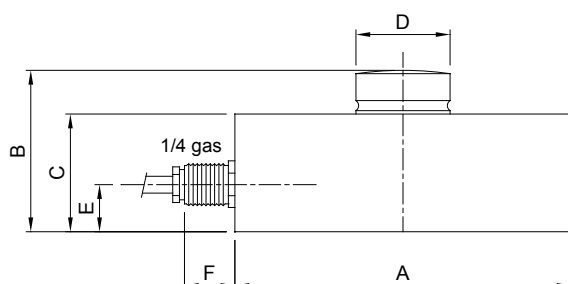
ON REQUEST

CERTIFICATIONS

CERTIFICATIONS ON REQUEST

✓	Calibration report (ACCREDIA LAT traceability)
Ex	ATEX II 1GD (zone 0-1-2-20-21-22)
IECEx	IECEx II 1GD (zone 0-1-2-20-21-22)
EAC	Complies with the Eurasian Custom Union regulations (Russia, Belarus, Kazakhstan)

DIMENSIONS (mm)



kg	15000	30000	50000
A	Ø82	Ø100	Ø126
B	44	48	54
C	32	35	40
D	Ø22	Ø28	Ø35
E	14	14	14
F	15	15	15



TECHNICAL FEATURES

Material	17-4 PH stainless steel		
Nominal load (E max)	15000 - 30000 - 50000 kg		
Combined error	$\leq \pm 0.035\%$		
Protection class	IP68		
Rated output	2 mV/V $\pm 0.1\%$	Input resistance	700 $\Omega \pm 5$
Temperature effect on zero	0.005% $^{\circ}\text{C}$	Output resistance	700 $\Omega \pm 5$
Temperature effect on span	0.003% $^{\circ}\text{C}$	Zero balance	$\pm 1\%$
Compensated temperature range	-10 $^{\circ}\text{C}$ / +50 $^{\circ}\text{C}$	Insulation resistance	> 10000 M Ω
Operating temperature range	-20 $^{\circ}\text{C}$ / +70 $^{\circ}\text{C}$	Safe overload (% of full scale)	150%
Creep at nominal load in 30 minutes	0.03%	Ultimate overload (% of full scale)	300%
Max supply voltage without damage	15 V	Deflection at nominal load	0.4 mm

ELECTRICAL CONNECTIONS

Cable lenght	10 m
Cable diameter	5 mm
Cores	4/6 x 0.25 mm ²

