

Model SSC

STAINLESS STEEL COMPRESSION

5t~100t

APPLICATIONS

- Hopper weighing
- Tank & silo weighing
- Industrial weighing
- Food industries
- Hostile environments
- High capacity weighing



FEATURES

- Stainless steel construction
- Nitrogen filled
- High safe overload capacity
- Sealed to IP67 standards
- 3 year warranty
- ISO 9001 certified manufacturing facilities



Model SSC

STAINLESS STEEL COMPRESSION

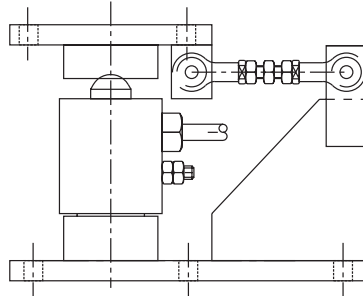
5t~100t

Ordering Information

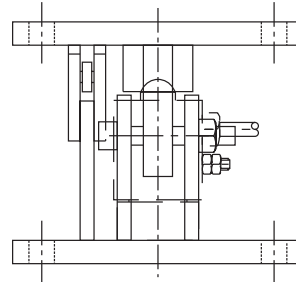
Capacity	Model
5t	SSC-5
10t	SSC-10
20t	SSC-20
30t	SSC-30
50t	SSC-50
100t	SSC-100

Cable Colour Code

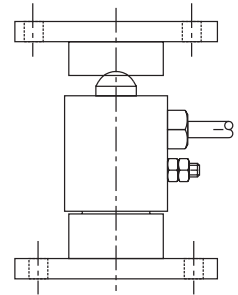
Excitation +ve	Red
Sense +ve	Brown
Excitation -ve	Black
Sense -ve	Blue
Signal +ve	Green
Signal -ve	White



SSC MOUNT TYPE I
5t-20t, 30t-50t horizontal
restraining mounts

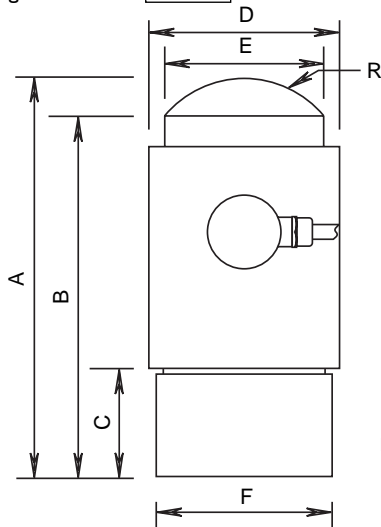


SSC MOUNT TYPE 2
5t-20t, 30t-50t horizontal and
vertical restraining mounts



SSC MOUNT TYPE 3
5t-20t, 30t-50t and 100t mount
for compression load applications

Detailed dimension drawings for the above accessories are available at our web site



Full load
defect G
Net weight
H kg

Accessories

Capacity	TYPE 1	TYPE 2	TYPE 3
5t-20t	M-SSC1-20	M-SSC2-20	M-SSC3-20
30t-50t	M-SSC1-50	M-SSC2-50	M-SSC3-50
100t	N/A	N/A	M-SSC30-100

Dimensions

Capacity	A	B	C	D	E	F	G	H	R
5t	138.5	120.5	33	76	38	70	0.2	3.3	15
10t	138.5	120.5	33	76	38	70	0.2	3.3	15
20t	138.5	120.5	33	76	38	70	0.9	3.4	15
30t	138.5	120.5	28	90	54	70	1.2	3.6	35
50t	138.5	120.5	28	90	54	70	1.2	3.6	35
100t	200	168	53	114	76	105	1.6	11.5	50

Specifications

Factory Calibration Mode	Compression	Insulation Resistance (brg to gnd)	> 5000 Mohms at 100 VDC
Linearity Error	< 0.05 % FSO	Insulation Resistance (cable to gnd)	> 1000 Mohms at 100 VDC
Repeatability	< 0.02 % FSO	Excitation Voltage (recommended)	5 to 20 Volts AC or DC
Zero Balance	< 2.00 % FSO	Excitation Voltage (maximum)	25 Volts AC or DC
Zero Return	< 0.03 in 30 minutes % FSO	Safe Load	200% of Rated Capacity
Temperature Effect on Span 10 °C	< 0.025 % FSO	Ultimate Load	500% of Rated Capacity
Temperature Effect on Zero 10 °C	< 0.025 % Rated Load Output	Cable Type	6 conductor screened Polyurathane Jacket
Tilt, max. transverse displacement	12mm	Cable Length	10 m standard (0.5t-50t) 13 m standard (100t)
Rated Output (±0.1%)	1.0 mV/V	Environmental Protection	IP67 Standards
Compensated Temperature Range	-10° to 50° C	Material	Stainless Steel
Operating Temperature Range	-30° to 65° C		
Input Resistance	820 Ohms nominal		
Output Resistance	705 Ohms		



Precision Transducers Ltd.

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Due to Precision Transducer's policy of continuous development, these specifications are subject to change without notice.