DINI ARGEO
Scales - Weighing systems

SPSY

SPSY SERIES SINGLE POINT STAINLESS STEEL LOAD CELLS



Stainless steel load cells for off center loads, suitable for example to build CE-M approved scales with a single load cell with maximum dimensions of 500x400 mm.

CAPACITIES (kg): 50, 100.

17-4 PH stainless steel. IP68 protection. C3 precision class.

Working in cooperation with:

SC DATA SPEED SRL

STR DONATH N. 115/33 - 400331 - JUD. CLUJ
Tel. 0040-264566473 Fax. 0040-364-815440
office@cantare.com.ro

The best solution
for advanced industrial
applications

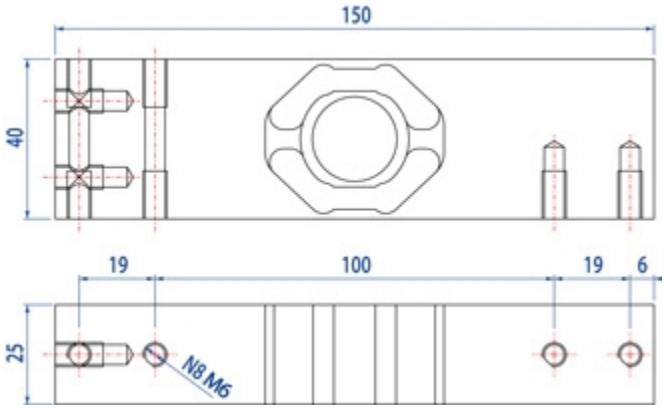
MAIN FEATURES

- C3 PRECISION CLASS
- OFF CENTER LOAD COMPENSATED
- MADE IN 17-4 PH STAINLESS STEEL
- IP68 PROTECTION
- MAX. CAPACITIES FROM 50 TO 100 kg
- FOR PLATFORMS WITH DIMENSIONS UP TO 500 X 400 mm
- SHIELDED CONNECTION CABLE
- TEST CERTIFICATE AVAILABLE UPON REQUEST

TECHNICAL FEATURES

- Minimum load cell verification interval: Vmin = EMax / 10.000
- Maximum number of verification intervals: nLC = 3000
- Full Scale Output: 2mV/V +/- 10%
- Temperature effect on zero: 0,01% FS/10K
- Temperature effect on full scale output: 0,001% FS/10K
- Compensated Temperature Range: -10°C/+40°C
- Operating Temperature Range: -10°C/+50°C
- Creep at nominal load in 30 minutes: ± 0,01% F.S.
- Maximum tolerated excitation voltage: 15 VDC
- Input Resistance: 380 ± 15 Ohm
- Output Resistance: 350 ± 10 Ohm
- Insulation Resistance (100V) >2000 MOhm
- Safe Overload: 300% F.S.
- Ultimate Overload: 300% F.S.
- Nominal displacement: < 0.5 mm
- 6-wire shielded cable, 3m long, 5mm diameter

DETAIL 1



Dimensions in mm

Wiring Code	
Colour	*Function*
WHITE	OUTPUT +
GREEN	SENSE +
BLUE	INPUT +
RED	OUTPUT -
BLACK	INPUT -
GREY	SENSE -

VERSIONS

Available models

Code	Max (kg)	Platform l x w Max (mm)
SPSY50	50	500 x 400
SPSY100	100	500 x 400

www.diniargeo.com



DINI ARGEO FRANCE sarl
Nogent-sur-Marne

DINI ARGEO GMBH
Sinsheim - Germany

DINI ARGEO UK Ltd
Taunton - United Kingdom

DINI ARGEO WEIGHING INSTRUMENTS Ltd
Shanghai - China

DINI ARGEO WEIGHBRIDGES
Calto (RO) – Italy

DINI ARGEO
Scales - Weighing systems

HEAD OFFICE
Via Della Fisica, 20
41042 Spezzano di Fiorano Modena - Italy

ISO 9001:2008

SC DATA SPEED SRL

STR DONATH N. 115/33 - 400331 - JUD. CLUJ

Tel. 0040-264566473 Fax. 0040-364-815440

office@cantare.com.ro

SALES AND TECHNICAL ASSISTANCE SERVICE