

SPD_new

SPD SERIES SINGLE POINT LOAD CELLS



Dynamic off-centre load cells, suitable for fast and responsive weighing systems with load surface up to a maximum size of 350 x 350 mm.

CAPACITY (kg): 3, 5, 10, 15, 20, 35, 75 (up to 200 kg on demand).

Aluminium alloy. IP66 protection.

The best solution
for advanced industrial
applications

MAIN FEATURES

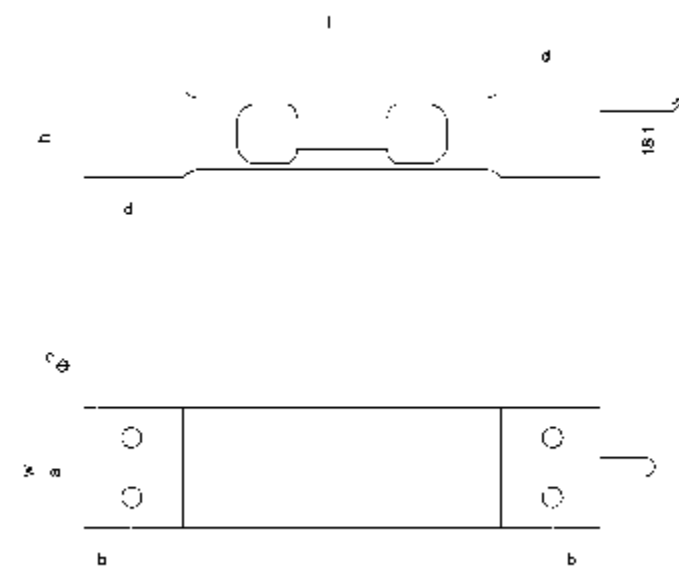
- OIML APPROVED
- PRECISION CLASS C3
- COMPENSATE FOR OFF-CENTRE LOADS
- ALUMINIUM ALLOY STRUCTURE
- IP66 PROTECTION RATING
- MAX. CAPACITY FROM 3 kg TO 75 kg, UP TO 200 kg ON DEMAND
- FOR WEIGHING SURFACES AND WEIGHING BELTS UP TO 350 X 350 mm IN SIZE
- SHIELDED CONNECTION CABLE

TECHNICAL FEATURES

- Ideal for applications up to 100,000 divisions (in combination with Dini Argeo "X-CORE" electronics)
- Sensitivity: 2 ± 0.2 mV/V
- Zero balancing: ± 0.1 mV/V
- Maximum size of the weighing area: 350 x 350 mm
- Thermal compensation: $-10^{\circ}\text{C}/+40^{\circ}\text{C}$
- Working temperature range: $-30^{\circ}\text{C}/+70^{\circ}\text{C}$
- Maximum tolerated power voltage: 15 Vdc
- Input resistance: 406 ± 15 Ohm
- Output resistance: 350 ± 3 Ohm
- Insulation resistance: >2000 MOhm
- Maximum static load: 150% F.S.
- Breaking load: 300% F.S.
- 4-pole shielded cable, length 3 m, diameter 3.8 mm with black PVC sheath.

Load Cell Connections	
<i>Color</i>	<i>Function</i>
YELLOW	SCREEN
WHITE	SIGNAL +
BLUE	POWER +
RED	SIGNAL -
NERO	POWER -

DETAIL 1



Max (kg)	Plate Max (mm)	l (mm)	w (mm)	h (mm)	a (mm)	b (mm)	c ø (mm)	d (mm)	Code
3	350x350	130	24	22	15	12	N°4 M6	25	SPD3
5									SPD5
10	350x350	130	30	22	15	12	N°4 M6	25	SPD10
15									SPD15
20									SPD20
35									SPD35
75									SPD75

VERSIONS

Available versions

Codice	Piatto Max (mm)	Max (kg)
SPD3	300x300	3
SPD5	300x300	5
SPD10	350x350	10
SPD15	350x350	15
SPD20	350x350	20
SPD35	350x350	35
SPD75	350x350	75



DINI ARGEO
FRANCE sarl
France

DINI ARGEO
GMBH
Germany

DINI ARGEO
UK Ltd
United Kingdom

DINI ARGEO WEIGHING
INSTRUMENTS Ltd
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SALES AND TECHNICAL ASSISTANCE SERVICE