

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

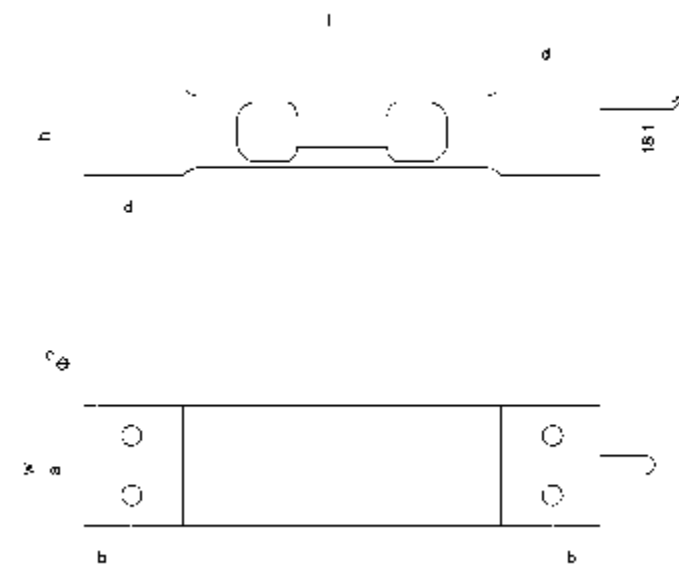
- OIML APPROVED
- PRECISION CLASS C3
- COMPENSATE FOR OFF-CENTRE LOADS
- ALUMINIUM ALLOY STRUCTURE
- IP66 PROTECTION RATING
- MAX. CAPACITY FROM 3 kg TO 75 kg, UP TO 200 kg ON DEMAND
- FOR WEIGHING SURFACES AND WEIGHING BELTS UP TO 350 X 350 mm IN SIZE
- SHIELDED CONNECTION CABLE

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



www.diniargeo.com

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OCEANIA
Australia



COMPANY HEADQUARTERS

Via Della Fisica, 20
41042 Spezzano di Fiorano Modena • Italy
Tel. +39.0536 843418

SERVICE ASSISTANCE

Via Dell'Elettronica, 15
41042 Spezzano di Fiorano Modena • Italy
Tel. +39.0536 921784

SALES AND TECHNICAL ASSISTANCE SERVICE