

ASC-941

COMPRESSION TYPE LOAD CELL



Available
in Digital
Protocol



DESCRIPTION

AMC-941 is a single column designed compression load cell.



APPLICATIONS

- Weighing Bridge
- Truck Scale
- Tank & Silo Weighing



KEY FEATURE

- Easy to Install with Less Maintenance.
- Provided with Industry standard height and mounting pattern.
- Anti Rotation Slots for Restoration of Load Cell

SPECIFICATIONS

Rated Capacity (Tonf.)	: 10, 20, 30, 40, 50
Excitation Voltage	: 10 V DC – Maximum 15 V DC
Rated Output	: 2.0 mV / V
Non – Linearity	: < +/- 0.025 % of FSO (Full Scale Output)
Hysteresis	: < +/- 0.03 % of FSO
Non-Repeatability	: < +/- 0.02 % of FSO
Creep Error (30 Minute)	: < +/- 0.03 % of FSO
Zero Output	: +/- 1.0 % of FSO
Input Resistance	: 750 +/- 10 Ohms
Output Resistance	: 700 +/- 5 Ohms
Insulation Resistance	: > 1000 Mega Ohms
Safe Overload	: 150 % of Rated Capacity
Ultimate Overload	: 300 % of Rated Capacity
Temperature Compensated	: 0 – 60 °C
Temperature Effect on Output:	: < 0.0015 % of FSO/ °C
Temperature Effect on Zero	: < 0.0015 % of FSO/ °C
Deflection	: < 0.4 mm at Rated Load
Finish & Construction	: Electroless Nickel Plated Tool Steel. Stainless Steel Available optionally.
Environment Protection	: IP67



ADI CONTROLS

1B, 1C Por Industrial Park, Behind Sahyog Hotel, Por 391243, Dist.: Vadodara (India)



www.adicontrols.com

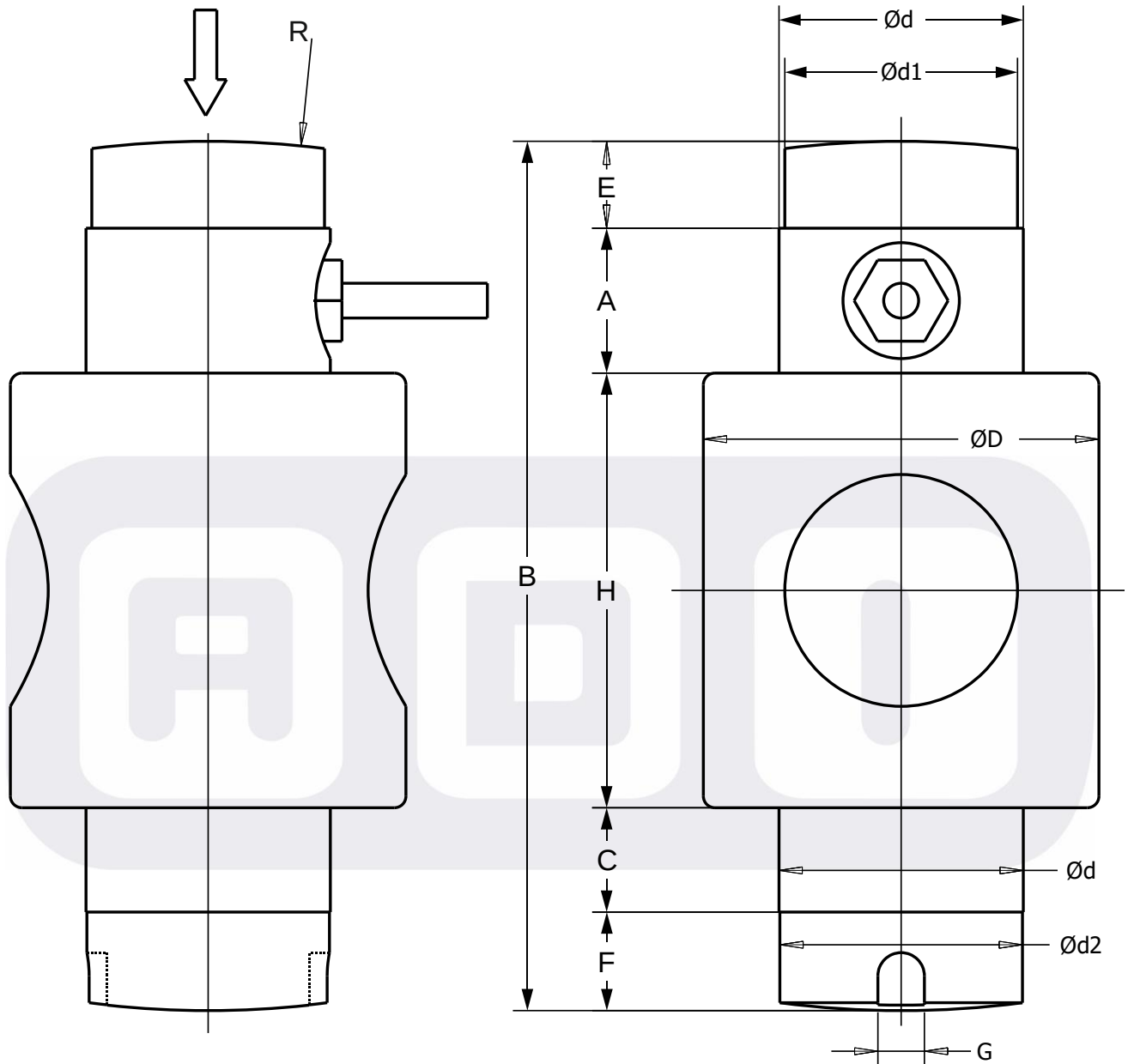


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LOADING DIRECTION



Capacity Tonf.	A	B	C	$\varnothing D$	$\varnothing d$	$\varnothing d1$	$\varnothing d2$	E	F	G	H	R
10, 20, 30, 40	25	150	18	68	42	40	41.70	15	17	8	75	160
50	25	150	18	70	45	44	44.70	15	17	8	75	160



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