

## Welded, Hermetically sealed Load Cell



### FEATURES

- Capacities 5kg - 500kg
- Alloy steel construction  
Stainless construction
- OIML R60
- IP68 protection

### DESCRIPTION

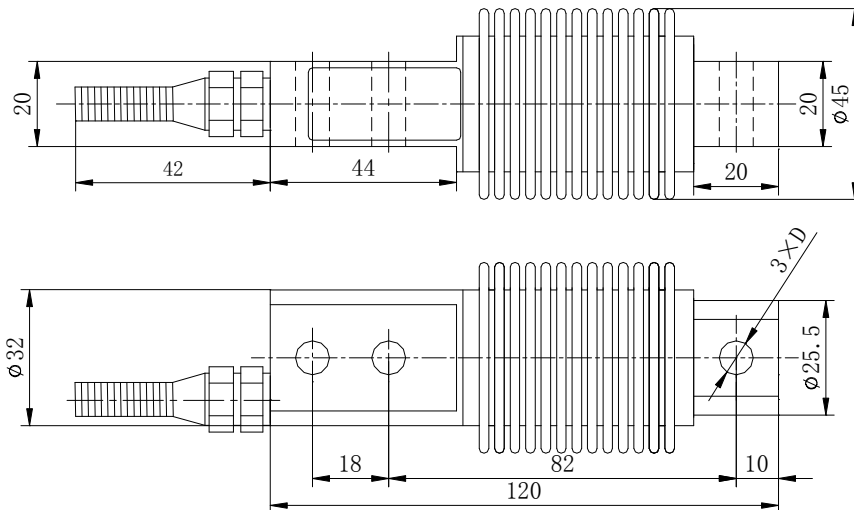
Model **HSX-ASS** is a welded bending load cell manufactured in stainless steel. Hermetically sealed against moisture the model **HSX-ASS** construction and polyurethane shielded cable enables the load cell to function in harsh environment while maintaining its operating specifications.

The low profile, high accuracy and sealing makes this load cell highly suitable for applications such as low profile platforms, weighing and packing machines, conversion of mechanical scales and variety of other applications where sealed cells are required.

### APPLICATIONS

- Low profile platform
- Loss-in-weight feeders
- Marine and hybrid scales
- Belt conveyor scales
- Food industry harsh environment

### OUTLINE DIMENSIONS in mm



Capacities (kg)	5~250	300, 500
D	Ø8.2	Ø10.2

# HSX-ASS

## SPECIFICATIONS

PARAMETER	VALUE	UNIT
Rated capacity-R.C.(E <sub>max</sub> )	5, 10, 20, 30, 40, 50, 75, 100, 150, 200, 250, 300, 500	kg
OIML Accuracy class	C3	
Total Error	0.02	± % FSO
Rated output	2.0±0.002	mV/V
Zero balance	1	± % FSO
Creep Error	0.02	± % FSO
Temperature effect on zero	0.02	± % FSO/10°C
Temperature effect on output	0.02	± % FSO/10°C
Temperature Range, compensated	-10~+40	°C
Operating Temperature Range	-20~+70	°C
Maximum safe load limit	120	% of R.C.
Ultimate over load	150	% of R.C.
Recommend excitation voltage	10	Vdc
Maximum excitation voltage	15	Vdc
Input resistance	400±20	Ω
Output resistance	352±3	Ω
Insulation resistance	≥5000	M Ω
sealing	IP68	
Construction	Stainless steel	
Cable	Length:3m	Diameter: Φ 5mm

Note: FSO-Full Scale Output

All specifications listed subject to change without notice.

