



DESCRIPTION

AS is a high precision double-sided shear beam type load cell manufactured in various capacities from 1 and 2 tons. AS provides reliable precision in demanding industrial applications with nickel-plated alloy steel or stainless steel housing and hermetic sealing. AS can be used in a wide range of industrial weighing applications with mounting kits developed for AS.

APPLICATIONS

Onboard weighing/ Break test machines / Vehicle test machines

TECHNICAL SPECIFICATIONS

Capacity	: 1, 2 Ton	Isolation Resistance	: $\leq 5000 \text{ M}\Omega$ (100VDC)
Accuracy Class	: C1	Compensated Temperature	: $-10 \sim +40 \text{ }^\circ\text{C}$
Minimum Load	: 0 kg	Operating Temperature	: $-30 \sim +70 \text{ }^\circ\text{C}$
Maximum Intervals (nLC)	: 1000	Excitation, Recommended Voltage	: 10 VDC
Minimum Verification Interval	: 4000	Maximum Excitation Voltage (Umax)	: 15 VDC
Total Error	: $\pm 0.05 \text{ \%FS}$	Safe Overload	: 150 % FS
Output Sensitivity (FS)	: $2.00 \pm 0.02 \text{ mV/V}$	Ultimate Overload	: 300 % FS
Zero Balance	: $\pm 1 \text{ \%FS}$	Ingress Protection (EN60529)	: IP 66
Input Resistance	: $750 \Omega \pm 20 \Omega$	Element Material	: Alloy Steel / Stainless Steel
Output Resistance	: $702 \Omega \pm 3 \Omega$	Cable	: $4 \times 0.22 \text{ mm}^2$