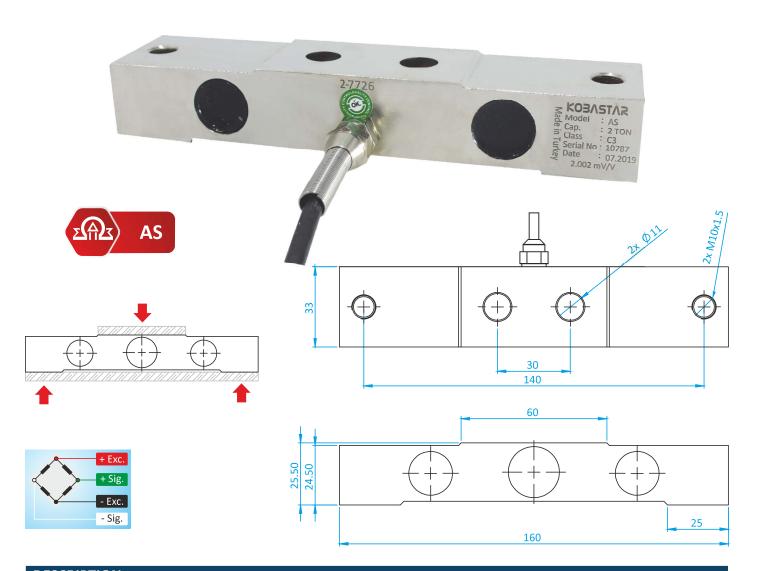
## AS DOUBLE SHEAR BEAM LOAD CELL





## **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**

: 1, 2 Ton Isolation Resistance : ≤ 5000 MΩ (100VDC) Capacity **Accuracy Class Compansated Temperature** : -10 ~ + 40 °C : C1 Minimum Load **Operating Temperature** : -30 ~ + 70 °C : 0 kg Excitation, Recommended Voltage Maximum Intervals (nLC) : 1000 : 10 VDC Maximum Excitation Voltage (Umax): 15 VDC Minimum Verification Interval : 4000 Safe Overload **Total Error** : ±0.05 %FS : 150 % FS Ultimate Overload Output Sensitivity (FS) : 2.00 ± 0.02mV/V : 300 % FS Ingress Protection (EN60529) Zero Balance : ±1%FS : IP 66 **Element Material** : Alloy Steel / Stainless Steel Input Resistance : 750  $\Omega$  ± 20  $\Omega$ Cable : 4x022mm<sup>2</sup> **Output Resistance** :  $702 \Omega \pm 3 \Omega$ 







