



CAPACITY	D	D1	H	H1	H2	H3
2, 3, 5 Ton	M 22	78	150	60	90	70
10 Ton	M 27	98	175	68	107	80

## DESCRIPTION

CF is a high precision compression type load cell manufactured in various capacities from 2 tons to 10 tons. CF provides reliable precision in demanding industrial applications with nickel-plated alloy steel or stainless steel housing and hermetic sealing. CF model load cells can be used in a wide range of industrial weighing applications without the need for any other mounting kit with its machine foot design.

## APPLICATIONS

Tank and Silo weighing, Heavy Duty Scales

## TECHNICAL SPECIFICATIONS

Capacity	: 2, 3, 5, 10 Ton	Isolation Resistance	: $\leq 5000 \text{ M}\Omega$ (100VDC)
Accuracy Class	: C2	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)	: 2000	Excitation, Recommended Voltage	: 10 VDC
Minimum Verification Interval	: 10000	Maximum Excitation Voltage (Umax)	: 15 VDC
Total Error	: $\pm 0.03 \text{ \% FS}$	Safe Overload	: 150 % FS
Output Sensitivity (FS)	: $2.00 \pm 0.005 \text{ mV/V}$	Ultimate Overload	: 300 % FS
Zero Balance	: $\pm 1 \text{ \% FS}$	Ingress Protection (EN60529)	: IP 67
Input Resistance	: $750 \Omega \pm 30 \Omega$	Element Material	: Alloy Steel / Stainless Steel
Output Resistance	: $702 \Omega \pm 5 \Omega$	Cable	: $4 \times 0.22 \text{ mm}^2$