

Load Cell Specifications

	EVO2 Ref. OPTION LC2	EVO5 Ref. OPTION LCS	EVO10 Ref. OPTION LC10	EVO20 Ref. OPTION LC20	
Load cell type	Compression / flexion ring	Compression / flexion ring	Compression / flexion ring	Compression / flexion ring	
Material	Stainless steel	Stainless steel	Stainless steel	Stainless steel	
Protection	IP67 (EN60529)	IP67 (EN60529)	IP67 (EN60529)	*	
Nominal capacities (Ln)	2500	5000	10000	*	Kg
Precision class	0.2	0.2	0.2	*	%
Minimum dead load	0	0	0	*	%Ln
Service load	120	120	120	*	%Ln
Ultimate load	500	500	500	*	%Ln
Total error	< ±0.2	< ±0.2	< ±0.2	*	%Sn
Repeatability error	< ±0.04	< ±0.06	< ±0.08	*	%Sn
Temperature effect:					
on zero	< ±0.01	< ±0.01	< ±0.01	*	%Sn / 5°K
on sensitivity	< ±0.01	< ±0.01	< ±0.01	*	%Sn / 5°K
Creep error (30min)	< ±0.03	< ±0.03	< ±0.03	*	%Sn
Temperature compensation	-20...+50	-20...+50	-20...+50	*	°C
Temperature limits	-30...+70	-30...+70	-30...+70	*	°C
Nominal sensitivity (Sn)	2 ±0.25%	2 ±0.25%	2 ±0.25%	*	mV/V
Nominal input voltage	10	10	10	*	V
Maximum input voltage	15	15	15	*	V
Input impedance	800 ±30	800 ±30	800 ±30	*	Ω
Output impedance	700 ±5	700 ±5	700 ±5	*	Ω
No load input	< ±2	< ±2	< ±2	*	%Sn
Insulation resistance	>5000	>5000	>5000	*	MΩ
Maximum deflection (at Ln)	0.4	0.4	0.4	*	mm

* To be defined

Disclaimer: This chart is for information only. The manufacturer reserves the right to modify specifications.