Model **S 803A**

SHEAR BEAM LOADCELL

DIMENSIONS:

All dimensions are in mm.

6mm.
Recommended Mounting
Spacer (Not supplied with L.C.)
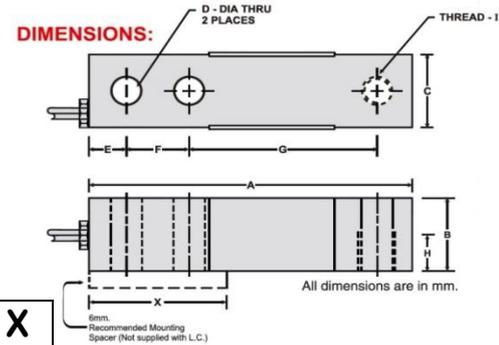
Model	CAPACITY kgf	A	B	C	D	E	F	G	I	X
S 803A	20 TO 2000	130	32	32	13	15	25	75	M12*1.25	55
	3000 TO 5000	172	38	38	21	19	38	95	M20*1.50	76

SPECIFICATION

RATED LOAD (KG) 20, 30, 50,100,200,300,500,750			
(T) 1, 1.5, 2, 3, 5			
Precision	C2/C3	Output Impedance(Ω)	350 $\pm$ 5
Composition Error	0.03/0.02	Insulation (MΩ)	$\geq$ 20000
Rated Output(mv/v)	3.0 $\pm$ 0.2	Excitation Voltage(V)	5~15(DC)
Non-Linearity (%FS)	0.025	Compensated Temp.(°C)	-10~+50
Hysteresis (%FS)	0.02	Use Temp. (°C)	-20~+60
Repeatability (%FS)	0.02/0.01	Temp. Effect on Span(%FS)	0.02
Creep (%FS)	0.03/0.02	Temp. Effect on Zero(%FS)	0.02
Zero Balance (%FS)	$\pm$ 1.0	Safe Overload(%FS)	150
Input Impedance(Ω)	400 $\pm$ 10	Ultimate Overload(%FS)	200

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