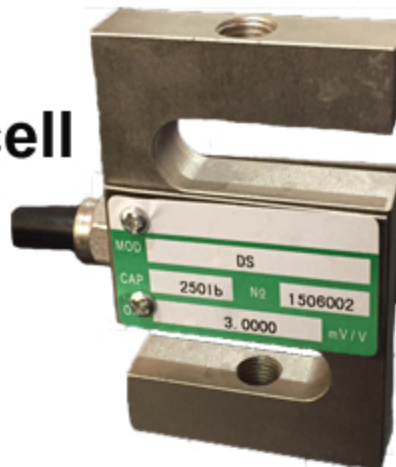


DS-Series

Economic “S” type load cell



● Specifications

Rated output	2.95~3.05mV/V
Accuracy class	0.03 C3(OIML)
Non-linearity	0.03%F·S
Hysteresis	0.03%
Non-repeatability	0.02%F·S
Creep in 30 minutes	0.03%F·S
Temperature effect span	15 PPM /℃ of Applied Load
Temperature effect zero	26 PPM /℃ of Applied Load
Compensated temperature range	—10℃~40℃
Operating temperature range	—40℃~65℃
Zero balance	± 1%F·S
Input resistance	385 ± 15Ω
Output resistance	350 ± 3Ω
Safe overload	150%F·S
Ultimate overload	300%F·S
Excitation voltage	10VAC/DC
Maximum excitation voltage	15VAC/DC
Insulation resistance	≥ 5000MΩ (50V DC)
Environmental protection	IP67
Material	Alloy tool steel

※All specifications are a maximum as a%(±) of full load

(inch)

Capacity	A	B	H	D
25~200lb	2.00	0.50	2.50	1/4-28UNF-2B
250lb	2.00	0.75	3.00	3/8-24UNF-2B
500~1500lb	2.00	0.75	3.00	1/2-20UNF-2B
2~3klb	2.00	1.00	3.00	1/2-20UNF-2B
5~10klb	3.00	1.00	4.25	3/4-16UNF-2B
15klb	4.00	1.25	5.50	1-14UNF-2B
20klb	5.00	2.00	7.00	1¼-12UNF-2B

