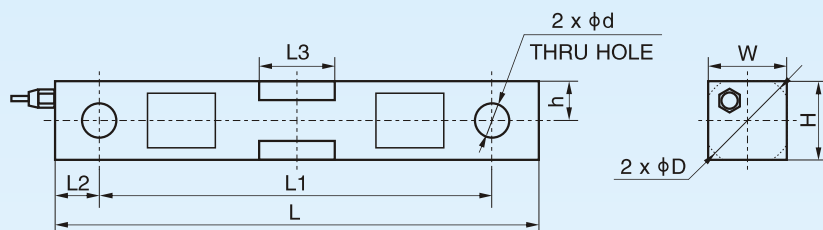


# Model 4515/4595 Beam-type Load Cells



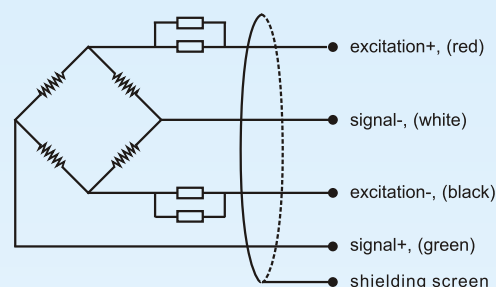
**type:** double-ended shear beam load cell  
**material:** alloy steel (4515) / stainless steel (4595)  
**surface:** nickel plated treatment (4515 only)  
**protection:** IP 66  
**application:** catalyst vessels, batching plant and truck weighers

## Dimensions:



cap. (Klb)	L	L1	L2	L3	D	d	h	H	W
1 ~ 5	190.5	158.75	15.7	30.48	31.5	12.7	16.76	30.99	30.99
10 ~ 35	222.25	190.5	15.7	41.15	50.8	20.57	24.58	49.15	36.45
50 ~ 75	342.9	292.1	25.4	82.55	75.95	33.32	37.34	74.68	61.98

## Electrical connection:



## Specifications:

capacity	klb	1, 2, 3, 5, 10, 20, 30, 50, 75
rated output	mV/V	3.0 ± 0.01
accuracy	%FSO	± 0.03
zero unbalance	%FSO	± 1.0
non-linearity	%FSO	± 0.02
hysteresis	%FSO	± 0.03
repeatability	%FSO	± 0.02
creep	%FSO/30min	± 0.03
temperature coefficient of SPAN	%FSO/10°C	0.02
temperature coefficient of ZERO	%FSO/10°C	0.03
input resistance	Ω	760 ± 30
output resistance	Ω	700 ± 10
insulation resistance	MΩ	≥ 5000@50 VDC
excitation recommended	V	10 DC/AC
maximum excitation	V	15 DC/AC
compensated temperature range	°C	-10 ~ +40
operating temperature. range	°C	-35 ~ +70
safe overload	%FS	150
ultimate overload	%FS	200
cable length	m, shielded PVC cable	13 (Φ6 mm 4-wire)

The listed specifications are subject to change without prior notice.

**How to order:** model - capacity - output - accuracy - IP rating - cable length - customer specific requests  
**ordering code** example: 4515 - 50klb - 3mV/V - 0.03%fso - IP 66 - 13m - no specific requests

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