

# Model IDS618

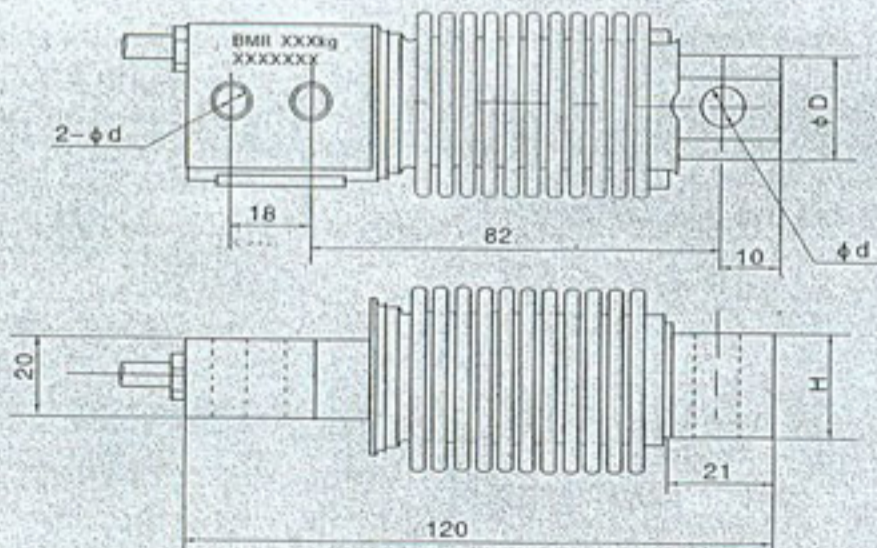
## SDS LOAD CELL



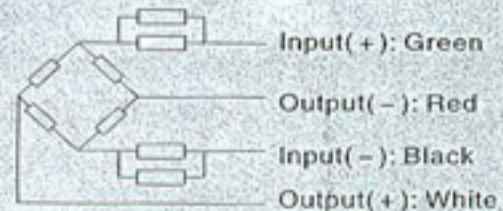
### Specifications

Capacity	Kg	20/30/50/100/200/350/500
Accuracy class		C3
Combined error	(%FS)	$\leq \pm 0.020$
Creep	(%FS/30min)	$\leq \pm 0.016$
Temperature effect on sensitivity	(%FS/10°C)	$\leq \pm 0.011$
Temperature effect on zero	(%FS/10°C)	$\leq \pm 0.019$
Output sensitivity	(mv/v)	$2.0 \pm 0.02$
Input resistance	( $\Omega$ )	$380 \pm 10$
Output resistance	( $\Omega$ )	$350 \pm 3$
Insulation resistance	(M $\Omega$ )	$\geq 5000(50VDC)$
Zero balance	(%FS)	1.0
Temperature, compensated	(°C)	-10 ~ +40
Temperature, allowed	(°C)	-35 ~ +65
Excitation, Recommended	(V)	5 ~ 12(DC)
Excitation, Max.	(V)	18(DC)
Safe overload	(%FS)	120
Ultimate overload	(%FS)	150

### Outline Dimension mm



Capacity	20,30,50, 100,200	350, 500
d	8.2	10.3
D	23	24
H	20	19



#### Wiring:

- Shielded, 6 conductor cable:  $\phi 5\text{mm}$ .
- Standard cable length: 3m.
- Cable type and cable length for customer's own application are available on request.