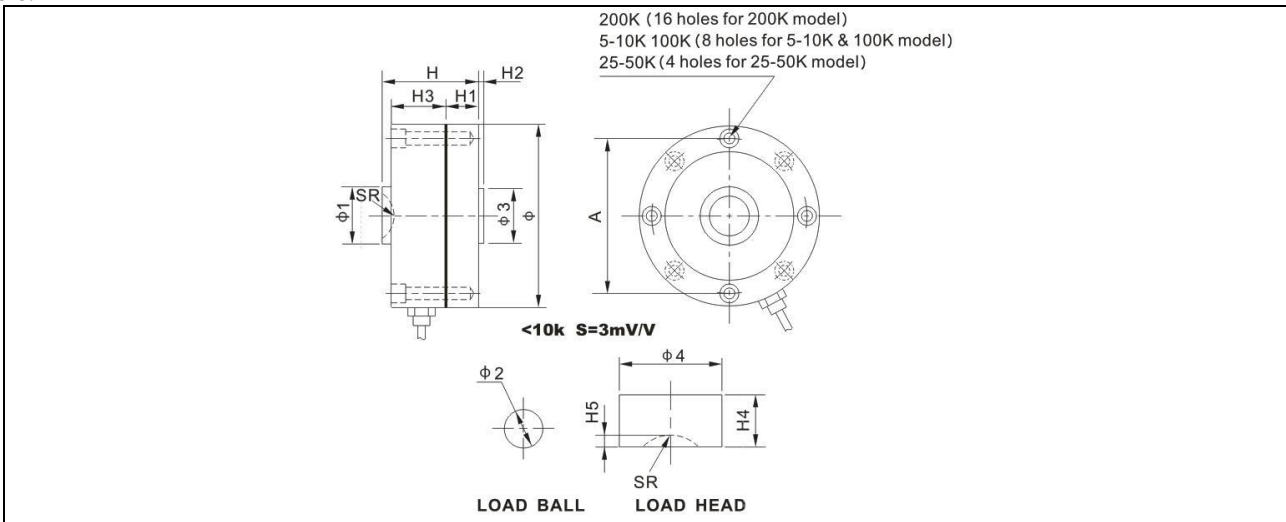


Wheel shaped loadcell

Wheel shaped loadcell, shear beam. Good rigidity, strong side force resistance, high output to 4mV/V, overload self-locking. Potted sealed or hermetically sealed, IP67 or IP68. Widely used in truck scale, railroad scale, tester, crane scale, etc.



**Main dimensions and accessories :**

Capacity		Size mm						
Klb	†	A	Φ	Φ1	Φ2	Φ3	Φ4	H
0.2-15	0.1-7.5	88.9	104.7	32.0	22.2	31.8	41.0	53.8
25-50	10-25	101.6	120.7	38.9	38.1	31.8	43.0	77.8
100	50	116.8	140.0	50.4	41.3	31.8	59.0	86.2
150-200	60-100	162.0	200.0	76.0	76.2	50.8	98.0	125.0
Klb	T	H1	H2	H3	H4	H5	SR	
0.2-15	0.1-7.5	19.0	1.0	31.8	14.0	5.0	15.9	
25.50	10-25	24.0	1.0	41.1	19.0	8.0	22.2	
100	50	29.0	1.0	50.8	32.0	7.8	25.0	
150-200	60-100	42.0	1.1	70.0	55.0	13.0	45.0	

**Specifications :**

Rated output (mV/V)	2.00 ± 0.010 4.00 ± 0.010
Nonlinearity	± 0.03% FS
Hysteresis	± 0.03% FS
Repeatability	± 0.02% FS
Creep (30 minutes)	± 0.02% FS
Zero balance	± 1.00% FS
Temperature Effect on Zero	± 0.02% FS/10°C
Temperature Effect on Output	± 0.02% FS/10°C
Input Resistance (Ω)	385 ± 15 765 ± 15
Output Resistance (Ω)	350 ± 3 700 ± 5
Insulation Resistance	> 5000M'Ω
Excitation Voltage	10V (DC/AC)
Compensated Temperature Range	-10°C to +50°C
Operating Temperature Range	-20°C to +60°C
Safe Overload	120% FS
Cable	Φ 6 x 9m

Cable color code: Input: Red(+) Black (-); Output: Green(+) White (-)



**STENSOR B.V.**

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