



Series WSLC

Wheel Shaped Load Cells



Wheel shaped load cell, 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,

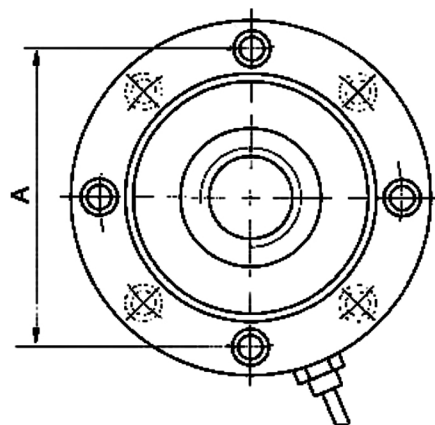
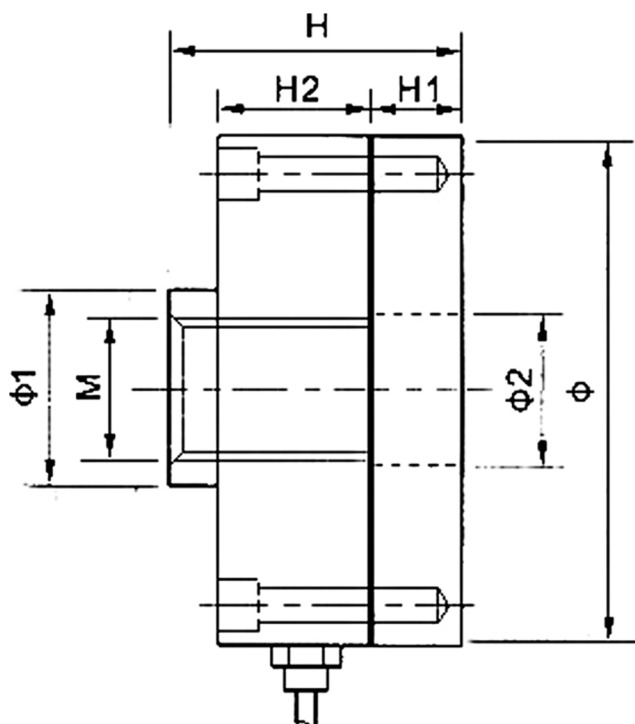
crane scale, etc.

Features

- Materials: Alloy Steel Stainless Steel

SPECIFICATIONS

TYPE	WSLC
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±3 750±5
Insulation resistance	≥5000MΩ
Excitation voltage	10V(DC/AC)
Compensated temperature range	-10~+50°C
Operating temperature range	-20~+60°C
Safe overload	120%FS
Cable	Φ6×9m
Cable color code	Input: red (+) black (-) Output: green (+) white (-)



MAIN DIMENSIONS AND ACCESSORIES

Capacity		Size mm							
t	Klb	A	φ	φ1	φ2	H	H1	H2	M
1-15	0.5-7.5	88.9	104.7	32.0	18.0	53.8	19.0	31.8	M16×1.5
25-50	10-25	101.6	120.7	38.9	34.0	77.8	24.0	41.1	M32×1.5
100	50	116.8	140.0	50.4	42.0	86.2	29.0	50.8	M40×1.5
150-200	60-100	162.0	200.0	76.0	64.0	125.0	42.0	70.0	M60×2

* Specifications are subject to change without notice

WZO CONTROLS LTD