

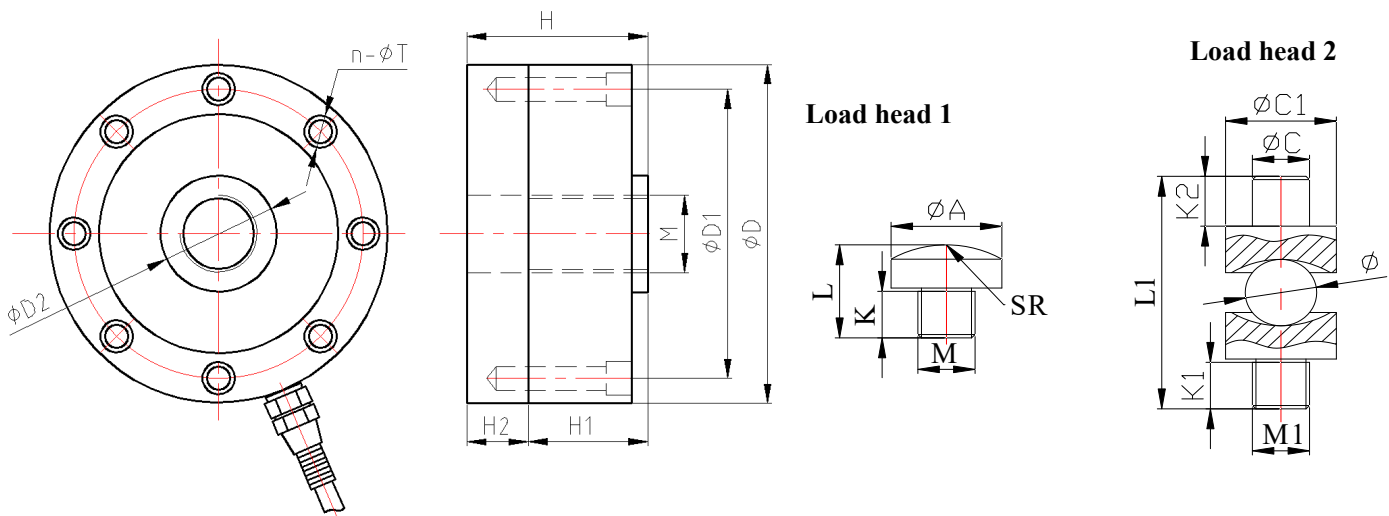
LFA3 Sensor



DESCRIPTION

Wheel shaped load cell, shear beam, good rigidity, strong side force resistance, high output, overload self-locking. Potted sealed or hermetically sealed. Widely used in truck scale, railroad scale, tester, crane scale, etc.

OUTLINE DIMENSIONS in millimeters



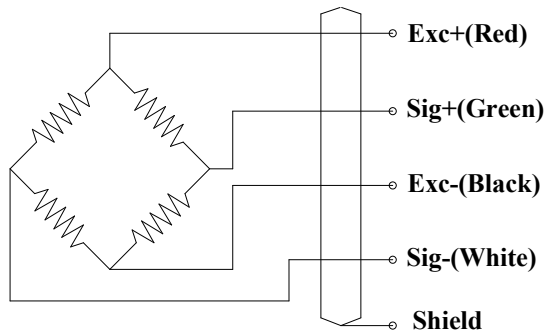
Size mm	Capacity			
	1-7.5t 1~15 klb	10-25t 25~50 klb	50t 100 klb	60-100t 150~200 klb
D	104.7	120.7	140	200
D1	88.9	101.6	116.8	162
D2	34	38.9	50.4	76
H	53.8	77.8	86.2	125
H1	34.8	53.8	57.2	83
H2	19	24	29	42
M	M16×1.5	M32×1.5	M40×1.5	M60×2
ΦT	Φ7.5	Φ8.7	Φ10.5	Φ13
n	4 /(5~10k)8	4	8	16

Size mm	Capacity (t)			
	1-7.5	10-25	50	60-100
ΦA	31	38	50	76
L	28	55	66	80
K	15	27	31	35
SR	30	50	80	160
M	M16×1.5	M32×1.5	M40×1.5	M60×2
L1	70	118	165	210
K1	15	28	35	45
K2	15	28	35	45
ΦC1	31	38	50	76
ΦC	16	30	40	60
M1	M16×1.5	M32×1.5	M40×1.5	M60×2
Φ	20	27	41.2	63.5

SPECIFICATIONS

Capacity	t	1, 2, 3, 5, 7.5, 10, 15, 20, 25, 50, 60, 100
Rated output	mv/v	2.0±0.1%
Non-linearity	%F.S	0.03
Hysteresis	%F.S	0.03
Creep in 30 minutes	%F.S	0.03
Zero balance	%F.S	±1
Input resistance	Ω	760±15 / 385±15
Output resistance	Ω	700±5 / 350±3
Insulation resistance	MΩ	≥5000
Excitation voltage	V	10V (maximum 15V) AC/DC
Environmental protection		IP67
Safe overload	%F.S	150
Ultimate overload	%F.S	300
Operating temperature range	℃	-10~+40
Material		Alloy steel & Stainless steel
Cable Length	m	9

Wiring Schematic Diagram



FEATURE

- Capacities 1~100 t
- Axle-load scale, warehouse scale, experimental machine