

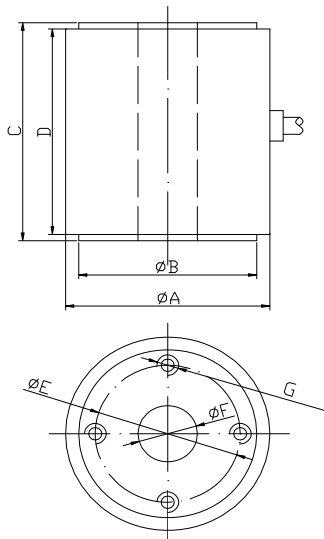


Weight Transducers (Strain Based)

Model CL-YB-1

FEATURES:

- A compact column based structure is easy to install
- With partial & lateral ability and a compact structure allows for stable performance
- Used in belt scales, pressure and dynamic trajectories hopper criterion, etc



Mounting Dimension

PERFORMANCE:

Sensitivity	1~1.5mV/V
Linear Range	5kN,10kN,20kN,30kN,50kN,100kN, 200kN,300kN,500kN,1000kN,2000kN
Nonlinearity	0.5% of Full Scale
Hysteresis	0.5% of Full Scale
Repeatability	0.5% of Full Scale
Overload Capacity	150% of Full Scale
Operating Temperature	-20 ~ +60 °C
Temperature [zero drift]	0.02%F·S/°C
Elastomer Material	Special alloy steel
Sensing Element	High precision strain gauge
Output Type	Five core shielded cable couplet

Model	Linear Range	ΦA (mm)	ΦB (mm)	C(mm)	D(mm)	ΦE (mm)	ΦF (mm)	G(mm)
CL-YB-1/500k	500kf	$\Phi 42$	$\Phi 35$	50	48	$\Phi 24$	$\Phi 18$	2×4-M4,Depth:8
CL-YB-1/1t	1tf	$\Phi 62$	$\Phi 55$	70	68	$\Phi 44$	$\Phi 18$	2×4-M5,Depth:8
CL-YB-1/2t	2tf	$\Phi 62$	$\Phi 55$	70	68	$\Phi 44$	$\Phi 18$	2×4-M5,Depth:8
CL-YB-1/3t	3tf	$\Phi 62$	$\Phi 55$	70	68	$\Phi 44$	$\Phi 18$	2×4-M5,Depth:8
CL-YB-1/5t	5tf	$\Phi 62$	$\Phi 55$	70	68	$\Phi 44$	$\Phi 18$	2×4-M5,Depth:8
CL-YB-1/10t	10tf	$\Phi 62$	$\Phi 55$	90	88	$\Phi 40$	$\Phi 24$	2×4-M5,Depth:8
CL-YB-1/20t	20tf	$\Phi 72$	$\Phi 60$	90	88	$\Phi 45$	$\Phi 24$	2×4-M6,Depth:12
CL-YB-1/30t	30tf	$\Phi 72$	$\Phi 60$	120	116	$\Phi 45$	$\Phi 20$	2×4-M6,Depth:15
CL-YB-1/50t	50tf	$\Phi 86$	$\Phi 70$	130	126	$\Phi 50$	$\Phi 20$	2×4-M8,Depth:16

Note: special range, greater range can be customized