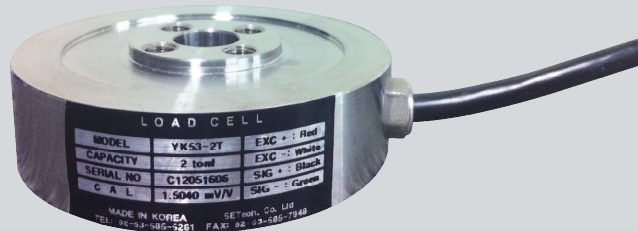


► Accuracy 0.5%



Introduction

SETech's Model YK53 pancake type load cells measure compression force of 10kgf to 10tonf. These models are broadly used for indicating the rejects in press operation and the load control in a stroke preset press-fitting.

Applications



Indicator AI-850

Features

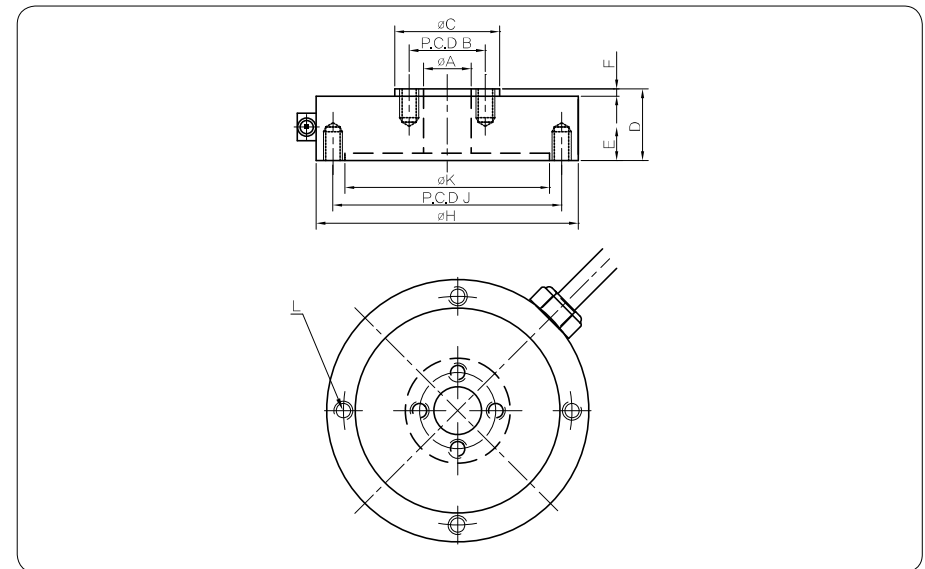
TYPE	CAPACITY	
YK53- 10K	10kgf	98,07 N
YK53- 20K	20kgf	196,1 N
YK53- 50K	50kgf	490,3 N
YK53- 100K	100kgf	980,7 N
YK53- 200K	200kgf	1,961 KN
YK53- 500K	500kgf	4,903 KN
YK53- 1T	1tonf	9,807 KN
YK53- 2T	2tonf	19,61 KN
YK53- 5T	5tonf	49,03 KN
YK53- 10T	10tonf	98,07 KN

Customer specific capacity range available

Specifications

Rated capacity	10kgf ~ 10tonf	Temperature range compensated	-10℃~60℃
Rated output	1,5mV/V±0,4%	Temperature range safe	-20℃~80℃
Nonlinearity	1% R.O	Temperature effect, on zero balance	0,1% R.O/10℃
Hysteresis	0,5% R.O	Temperature effect, on rated output	0,05% Load/10℃
Terminal repeatability	0,3% R.O	Excitation recommended	10V
Terminal resistance input	700±10Ω	Safe overload	150% R.C
Resistance output	700±5Ω	Cable length(10kgf~5tonf)	Ø5 4core, 3m
Insulation resistance	2000MΩ	(10tonf)	Ø7 4core, 3m

Dimensions



[Unit : mm]

CAPACITY	ØA	B	ØC	D	E	F	L	ØH	J	ØK
10, 20 kgf	10	15	20	15	13,5	1,5	2×4-M3 DP.6	55	48	42
50, 100, 200, 500 kgf	10	16	22	15	13	2	2×4-M4 DP.6	55	48	43
1, 2, 5 tonf	12	20	28	20	18,5	1,5	2×4-M6 DP.10	68	60	52
10 tonf	50	65	80	37	33	4	2×6-M8 DP.15	148	132	114