

LC-1216 Series

Tool Steel



❖ 옵션 : Rod end Bearing

Model	정격용량(질량)
LC1216-K100	100kgf
LC1216-K200	200kgf
LC1216-K500	500kgf
LC1216-T001A	1tf
LC1216-T002	2tf
LC1216-T002A	2tf
LC1216-T005	5tf

밀폐구조형로드셀 / 탱크,호퍼용

- 열악한 조건에 적합한 완전밀폐타입
- 편심하중 영향을 받지않는 구조로 움직이는 계량에 최적
- 인장 · 압축겸용
- 방진, 방수등급 : IP 67 기준에 의한 설계

SPECIFICATIONS

Model	LC-1216 Series
정격출력	2mV/V $\pm$ 0.5%
허용과부하	200% of R.C.
한계과부하	200% of R.C.
종합오차	0.05% of R.O.
크리프(1시간)	$\pm$ 0.1% of R.O.
권장인가전압	DC12V
최대인가전압	DC15V
제로바란스	$\pm$ 2% of R.O.
입력단자간저항	400 Ω
출력단자간저항	350 Ω $\pm$ 3.5 Ω
절연저항	5000 M Ω / DC50V
온도보상범위	-10 $^{\circ}$ C $\sim$ 60 $^{\circ}$ C
영점온도영향	0.07% of R.O./10 $^{\circ}$ C
출력온도영향	0.02% of Load/10 $^{\circ}$ C Typ.
케이블지름/길이	$\varnothing$ 6/3m
	$\varnothing$ 6/5m(T001A/T002A/T005)

Dimensions

AS TENSION LOAD CELL		
CABLE	EXC	COLOR CODE
RED	EXC	+
WHITE	EXC	-
GREEN	SIG	+
BLUE	SIG	-
YELLOW	SHIELD	

UNIT = mm

AS COMPRESSION LOAD CELL		
CABLE	EXC	COLOR CODE
RED	EXC	+
WHITE	EXC	-
GREEN	SIG	-
BLUE	SIG	+
YELLOW	SHIELD	

UNIT = mm

Technical drawing of a tension load cell. The drawing shows a circular body with a central threaded hole. Dimensions are labeled: A is the total height, B is the height of the main body, C is the diameter of the main body, D is the height of the base, E is the height of the cable, F is the diameter of the cable, G is the diameter of the base, and H is the height of the mounting bracket. The drawing is a top-down view.

Technical drawing of a compression load cell. The drawing shows a rectangular body with a central threaded hole. Dimensions are labeled: A is the total height, B is the height of the main body, C is the diameter of the main body, D is the height of the base, E is the height of the cable, F is the diameter of the cable, G is the diameter of the base, and H is the height of the mounting bracket. The drawing is a side view.

Capacity	A	B	C	D	E	F	ø G	H	M × P × Depth
LC-1216 K100	104	62	77	50	45	16	19	16	M6 × 1 × 9
LC-1216 K200/K500	104	62	77	50	45	16	19	16	M12 × 1.75 × 10
LC-1216 T001A	150	80	102	75	63	27	31	20	M18 × 1.5 × 13
(LC-1216 T002)	150	80	102	75	63	27	31	20	M18 × 1.5 × 13
LC1216 T002A	180	80	102	90	63	36	41	34	M24 × 2 × 25
LC1216 T005									