

Kelba Pancake Compression and Tension Cell "KPA LS"

STANDARD CAPACITIES

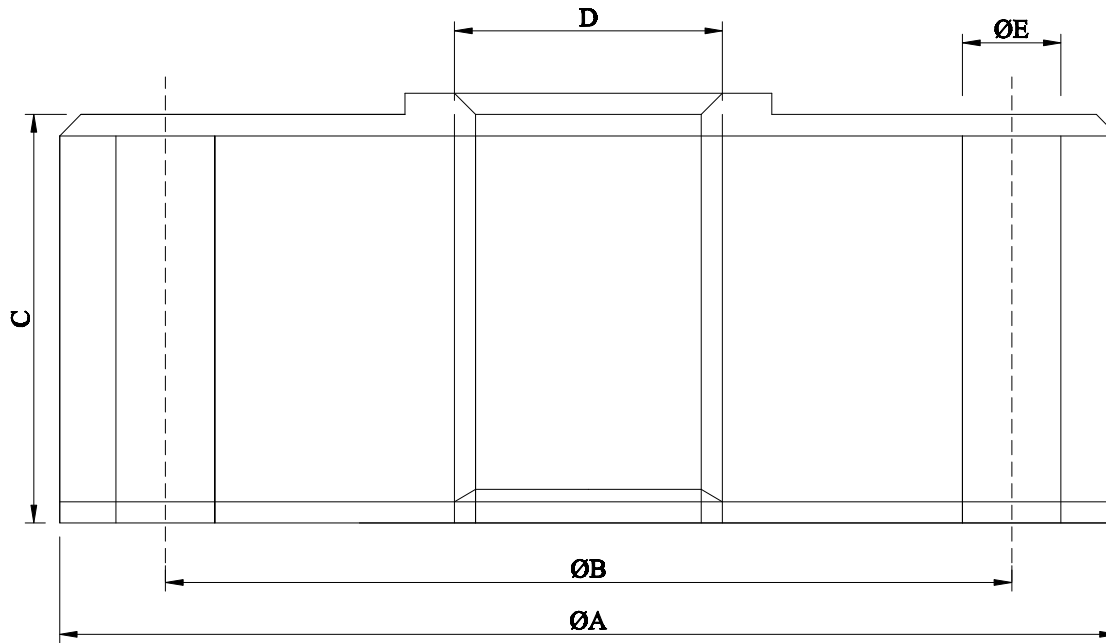
2, 3, 5, 10, 20, 50, 100T

SPECIFICATIONS

Rated Output	3.00mV/V +/- 0.1%
Accuracy class	0.05
Non-linearity	0.05 % F.S
Hysteresis	0.05 % F.S
Non-repeatability	0.03 % F.S
Creep in 30 minutes	0.05 % F.S
Temperature effect span	30 PPM / °C of applied Load
Temperature effect zero	50 PPM / °C of applied Load
Compensated temperature range	-10°C ~ 40 °C
Operating temperature range	-40°C ~ 65 °C
Zero balance	+/- 1 % F.S
Input resistance	385 +/- 15 Ω
Output resistance	350 +/- 3 Ω
Safe overload	150 % F.S
Ultimate overload	300 % F.S
Excitation voltage	10 VAC/DC
Maximum Excitation voltage	15 VAC/DC
Insulation resistance	>5000MΩ (50 V DC)
Environmental protection	IP67
Material	Tool Steel
Cable Length	15to 20 Meters

Wiring Color Code

Excitation + Red	Signal + Green
Excitation - Black	Signal - White



CAPACITY	A	B	C	D	E
2T	105	89	29	5/8 unf (18 TPI)	8 - Ø 7.0
3T	105	89	29	5/8 unf (18 TPI)	8 - Ø 7.0
5T	105	89	37	5/8 unf (18 TPI)	8 - Ø 7.0
10T	105	89	37	5/8 unf (18 TPI)	8 - Ø 7.0
20T	154	130	45	1 1/4 unf (12 TPI)	12 - Ø 11
50T	200	170	60	1 3/4 un-8 (8 TPI)	12 - Ø 14.3
100T	278	229	90	2 3/4 un-8 (8 TPI)	16 - Ø 16.3

Drawn by: Jerome Dagang

APPROVED:

DRG. NUMBER:

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**KPA LS PANCAKE
COMPRESSION AND TENSION CELL**

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