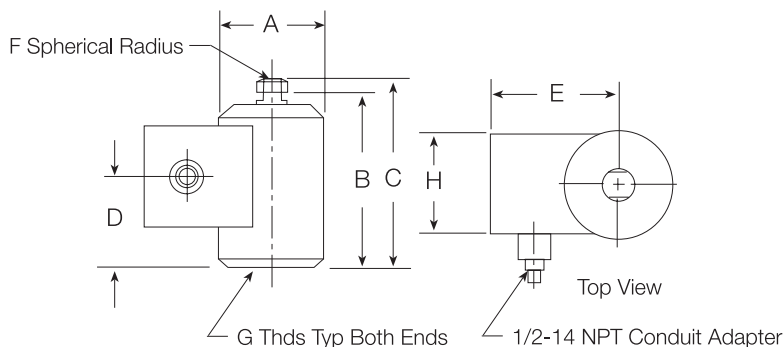


USP1 Tension/Compression Super Precision Canister

Alloy Steel, Hermetically Sealed, IP68



RATED CAPACITY

lb/inches
100
250
500-1000
2500
5000-10,000
25,000
50,000

	A	B	C	D	E	F	G	H	DEPTH
100	2.00	3.32	3.57	1.70	2.26	.75	3/8-24 UNF-3B	1.88	.37
250	2.50	4.45	3.57	2.20	2.31	.75	3/8-24 UNF-3B	1.88	.37
500-1000	2.50	4.45	4.82	2.20	2.31	2.00	1/2-20 UNF-3B	1.88	.50
2500	2.25	3.00	3.35	1.56	2.69	2.00	1/2-20 UNF-3B	1.88	.50
5000-10,000	3.00	5.75	—	2.81	3.06	—	1-14 UNS-3B	1.88	1.31
25,000	4.00	8.38	—	5.87	3.56	—	1 1/2-12 UNF-3B	1.88	1.87
50,000	6.25	11.44	—	5.72	4.68	—	2-12 UN-3B	1.88	2.43

kg/millimeters

45.4
113.4
226.8-453.6
1134.0
2268.0-4535.9
11,339.8
22,679.6

45.4	50.8	84.3	90.7	43.2	57.4	19.1	3/8-24 UNF-3B	47.8	9.4
113.4	63.5	113.0	90.7	55.9	58.7	19.1	3/8-24 UNF-3B	47.8	9.4
226.8-453.6	63.5	113.0	122.4	55.9	58.7	50.8	1/2-20 UNF-3B	47.8	12.7
1134.0	57.2	76.2	85.1	39.6	68.3	50.8	1/2-20 UNF-3B	47.8	12.7
2268.0-4535.9	76.2	146.1	—	71.4	77.7	—	1-14 UNS-3B	47.8	33.3
11,339.8	101.6	212.9	—	149.1	90.4	—	1 1/2-12 UNF-3B	47.8	47.5
22,679.6	158.8	290.6	—	145.3	118.9	—	2-12 UN-3B	47.8	61.7

SPECIFICATIONS:

Full Scale Output: 3.0 mV/V
Bridge Resistance: 350 ohms, nominal
Material/Finish: Epoxy-coated steel
Temperature: Compensated range 0°F to 150°F/-15°C to 65°C
Mfr. Model Number: USP1-D3-XX-30P5
Safe Overload: 150% Full scale
Rated Excitation: 15V AC/DC
Combined Error: 0.05% Full scale
Non-repeatability: 0.02% Full scale
Insulation Resistance: 5000 megohms

Deflection at Capacity: 50 lb = .004"/.102mm, 100-250 lb = .005"/.127mm, 500 lb = .003"/.076mm, 1000-2500 lb = .004"/.102mm, 5000 lb = .005"/.127mm, 10,000-25,000 lb = .004"/.102mm, 50,000 lb = .008"/.203mm
Seal Type: Hermetically sealed**, IP68
Cable Length: 30'/9.2m
Cable Color Code: Green + Excitation
Black - Excitation
White + Signal
Red - Signal
Warranty: 3 years

USP1 ORDER INFORMATION

Load Rating	Part #	Suggested List Price
100 lb (45.4 kg)	17600*	\$1,565.00
250 lb (113.4 kg)	17601*	\$1,565.00
500 lb (226.8 kg)	17602*	\$1,565.00
1000 lb (453.6 kg)	17603*	\$1,565.00
2500 lb (1134.0 kg)	17604*	\$1,565.00
5000 lb (2268.0 kg)	17605	\$1,885.00
10,000 lb (4535.9 kg)	17606	\$1,885.00
25,000 lb (11,339.8 kg)	17607	\$2,365.00
50,000 lb (22,679.6 kg)	17608	\$3,195.00

* Load button is supplied with load cell.

** NOTE: Conduit is recommended for maximum protection against the ingress of water and moisture through the cable entry.

USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice