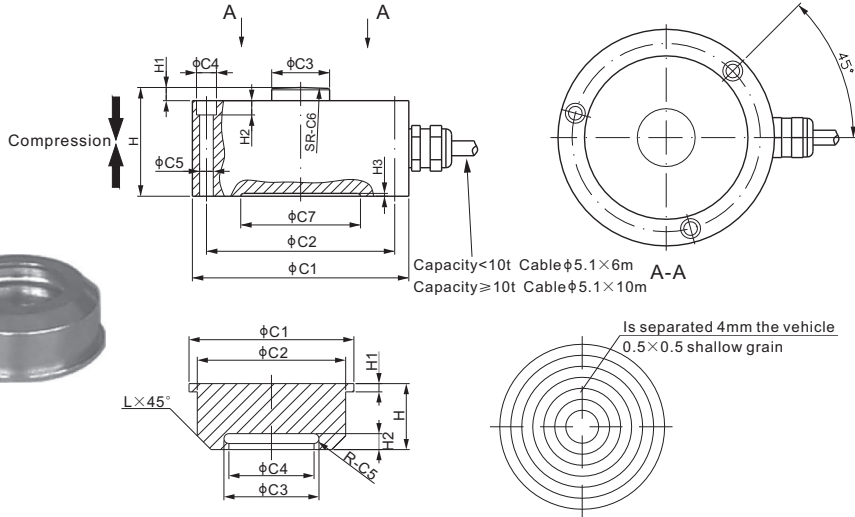


Alloy Steel, Patent Design, Mounting Hardware For 276EH Load Cell
F266-1



Mounting hardware included.

DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	C5	C6	C7	H	H1	H2	H3
t/mm											
5	60.0	52.0	9.5	6.0	3.2	30.0	42.0	24.0	4.0	3.0	0.8
10	63.6	55.0	13.5	7.2	4.2	100.0	44.0	26.0	4.0	5.0	0.8
25	75.9	66.0	20.3	7.0	4.8	150.0	54.0	38.1	4.6	5.0	1.0
50	105.0	90.0	30.0	11.0	6.5	250.0	76.0	53.0	7.0	7.0	1.0
100	123.0	98.0	43.0	15.0	10.5	380.0	74.0	95.0	15.0	12.0	1.0
lb/inches (conversion of above dimensions)											
11,023.1	2.36	2.05	0.37	0.24	0.13	1.18	1.65	0.94	0.16	0.11	0.03
22,046.2	2.50	2.17	0.53	0.28	0.17	3.94	1.73	1.02	0.16	0.20	0.03
55,115.6	2.99	2.60	0.80	0.28	0.19	5.91	2.13	1.50	0.18	0.20	0.04
110,231.1	4.13	3.54	1.18	0.43	0.28	9.84	2.99	2.09	0.28	0.28	0.04
220,462.3	4.84	3.86	1.69	0.59	0.41	14.96	2.92	3.74	0.59	0.47	0.04
PART NUMBER											
	LOAD CELL CAPACITY	C1	C2	C3	C4	C5	H	H1	H2	L	Weight Approx. (kg)
t/mm											
F266-1A	5	33.0	27.0	12.0	10.0	1.0	13.0	3.0	2.9	3.0	0.06
F266-1B	10	41.0	35.0	16.0	14.0	1.0	16.0	3.0	2.9	4.0	0.12
F266-1C	25	49.0	43.0	23.8	21.0	1.4	19.0	3.0	3.9	5.0	0.20
F266-1E	50	72.0	66.0	34.6	31.0	1.8	36.0	3.0	5.7	5.0	-
F266-1F	100	80.0	74.0	55.0	45.0	5.0	50.0	3.0	12.4	7.0	-
lb/inches (conversion of above dimensions)											
F266-1A	11,023.1	1.30	1.06	0.47	0.39	0.04	0.51	0.12	0.11	0.12	0.06
F266-1B	22,046.2	1.61	1.38	0.63	0.55	0.04	0.63	0.12	0.11	0.16	0.12
F266-1C	55,115.6	1.93	1.69	0.94	0.83	0.06	0.75	0.12	0.15	0.20	0.20
F266-1E	110,231.1	2.83	2.60	1.36	1.22	0.07	1.42	0.12	0.22	0.20	-
F266-1F	220,462.3	3.15	2.91	2.17	1.77	0.20	1.97	0.12	0.49	0.28	-

SPECIFICATIONS

Full Scale Output	2.5 mV/V ± 10%	Recommended Excitation	10V (15V Maximum)
Zero Balance	± 0.02 mV/V	Insulation Resistance	>2 [50V DC] GΩ
Non-linearity	Cap. ≤ 50t: < ± 0.32%; Cap. ≥ 100t: < ± 1%	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	Cap. ≤ 50t: < ± 0.050%; Cap. ≥ 100t: < ± 0.2%	Safe Overload	150% of full scale
Hysteresis Error	Cap. ≤ 50t: < ± 0.32%; Cap. ≥ 100t: < ± 2%	Breaking Overload	300% of full scale
Creep in 30 min.	Cap. ≤ 50t: < ± 0.10%; Cap. ≥ 100t: < ± 0.1%	Seal Type / IP Rating	Environmentally Sealed / IP67
Input Resistance	400Ω ± 20	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	350Ω ± 3		
Element Material	Alloy Steel, Nickel Plated		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
5t	276EH-5t	0.6
10t	276EH-10t	0.9
25t	276EH-25t	1.8
50t	276EH-50t	4.2
100t	276EH-100t	8.7

WEIGH MODULE

Model	Page
276EHM1	162

* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

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