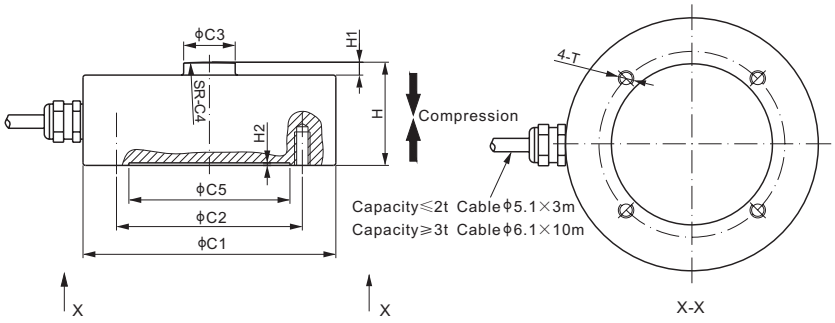
Aluminum / Alloy Steel; Patent Design





CE ATEX FM APPROVED IECEx RoHS

Mounting hardware to be ordered separately.

DIMENSIONS

RATED CAPACITY	C1	C2	C3	C4	C5	H	H1	H2	T
266AA kg/mm									
25–50	62.0	55.0	12.0	50.0	36.0	22.0	4.0	1.0	M5 Depth7.0
lb/inches (conversion of above dimensions)									
55.12–110.23	2.44	2.17	0.47	1.97	1.42	0.87	0.16	0.04	M5 Depth0.28
266AH kg/mm									
100–2,000	62.0	55.0	12.0	50.0	36.0	22.0	4.0	1.0	M5 Depth7.0
3,000–5,000	98.0	72.0	20.0	150.0	62.4	40.0	5.0	1.0	M6 Depth13.0
10,000	98.0	72.0	20.0	150.0	62.4	45.0	5.0	1.0	M6 Depth13.0
20,000	118.0	90.0	20.0	250.0	62.4	50.0	5.0	1.0	M8 Depth15.0
30,000	138.0	115.0	20.0	250.0	62.4	73.0	8.0	1.0	M10 Depth15.0
lb/inches (conversion of above dimensions)									
220.5–4,409.2	2.44	2.17	0.47	1.97	1.42	0.87	0.16	0.04	M5 Depth0.28
6,613.9–11,023.1	3.86	2.83	0.79	5.91	2.46	1.57	0.20	0.04	M6 Depth 0.51
22,046.2	3.86	2.83	0.79	5.91	2.46	1.77	0.20	0.04	M6 Depth0.51
44,092.5	4.65	3.54	0.79	9.84	2.46	1.97	0.20	0.04	M8 Depth0.59
66,138.7	5.43	4.53	0.79	9.84	2.46	2.87	0.31	0.04	M10 Depth0.59

SPECIFICATIONS

Full Scale Output	2.0 mV/V ± 1%	**Recommended Excitation**	10V (15V Maximum)
Zero Balance	< ± 0.04 mV/V	**Insulation Resistance**	>2 [50V DC] GΩ
Non-linearity	Cap.≤2t: < ± 0.2%; Cap.≥3t: < ± 0.05%	**Compensated Temperature Range**	-10°C to 50°C / 14°F to 122°F
Repeatability	Cap.≤2t: < ± 0.03%; Cap.≥3t: < ± 0.03%	**Safe Overload**	150% of full scale
Hysteresis Error	Cap.≤2t: < ± 0.1%; Cap.≥3t: < ± 0.05%	**Breaking Overload**	300% of full scale
Creep in 30 min.	Cap.≤2t: < ± 0.1%; Cap.≥3t: < ± 0.05%	**Seal Type / IP Rating**	266AA: Environmentally Sealed / IP66
Input Resistance	Cap.≤2t: 400Ω ± 20; Cap.≥3t: 770Ω ± 30		266AH: Welded Seal / IP67
Output Resistance	Cap.≤2t: 350Ω ± 3; Cap.≥3t: 700Ω ± 5	**Cable Color Code**	Exc+ Red Exc- Black
Element Material	Aluminum, Clear Anodized Alloy Steel, Nickel Plated		Sig+ Green Sig- White Shield Bare

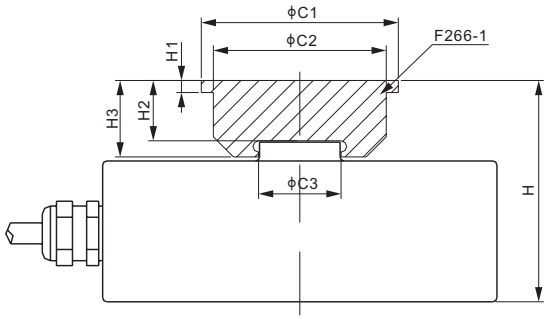
PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
25kg	266AA-25kg	0.3
50kg	266AA-50kg	0.3
100kg	266AH-100kg	0.5
200kg	266AH-200kg	0.5
300kg	266AH-300kg	0.5
500kg	266AH-500kg	0.5
1t	266AH-1t	0.5
2t	266AH-2t	0.5
3t	266AH-3t	2.4
5t	266AH-5t	2.4
10t	266AH-10t	2.4
20t	266AH-20t	4.2
30t	266AH-30t	8.3

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

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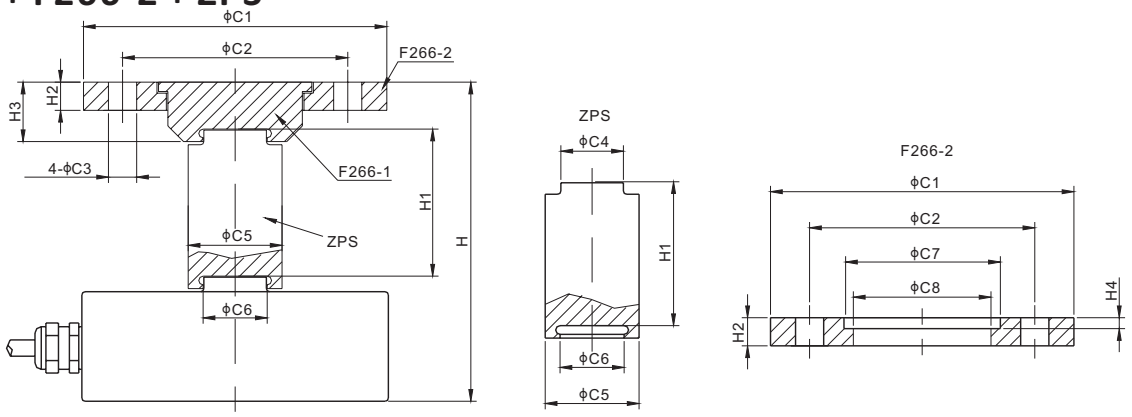
Mounting Variation 1, Alloy Steel
F266-1



DIMENSIONS

PART NUMBER	LOAD CELL CAPACITY	C1	C2	C3	H	H1	H2	H3	Weight Approx. (kg)
	kg/mm								
F266-1B	25–2,000	41.0	35.0	13.8	35.1	3.0	13.1	16.0	0.12
F266-1C	3,000–5,000	49.0	43.0	20.5	55.1	3.0	15.1	19.0	0.20
F266-1C	10,000	49.0	43.0	20.5	60.1	3.0	15.1	19.0	0.20
F266-1D	20,000	60.0	54.0	21.0	70.1	3.0	20.1	24.0	0.41
F266-1D	30,000	60.0	54.0	20.5	93.1	3.0	20.1	24.0	0.41
	lb/inches (conversion of above dimensions)								
F266-1B	55.1–4,409.2	1.61	1.38	0.54	1.38	0.12	0.52	0.63	0.12
F266-1C	6,613.9–11,023.1	1.93	1.69	0.81	2.17	0.12	0.59	0.75	0.20
F266-1C	22,046.2	1.93	1.69	0.81	2.37	0.12	0.59	0.75	0.20
F266-1D	44,092.5	2.36	2.13	0.83	2.76	0.12	0.79	0.95	0.41
F266-1D	66,138.7	2.36	2.13	0.81	3.67	0.12	0.79	0.95	0.41

Mounting Variation 2
F266-1 + F266-2 + ZPS



DIMENSIONS

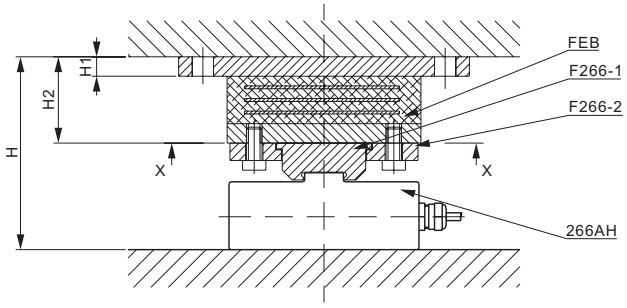
LOAD CELL CAPACITY	C1	C2	C3	C4	C5	C6	C7	C8	H	H1	H2	H3	H4
kg/mm													
25–2,000	81.0	60.0	9.0	13.0	26.0	12.5	42.0	36.0	81.1	46.0	7.0	16.0	3.5
3,000–5,000	97.0	72.0	11.0	20.0	32.0	20.5	50.0	44.0	111.1	56.0	9.0	19.0	3.5
10,000	97.0	72.0	11.0	20.0	32.0	20.5	50.0	44.0	116.1	56.0	9.0	19.0	3.5
20,000	115.0	90.0	13.0	20.0	36.0	20.5	61.0	55.0	134.6	64.5	10.0	24.0	3.5
30,000	115.0	90.0	13.0	20.0	36.0	20.5	61.0	55.0	157.6	64.5	10.0	24.0	3.5
lb/inches (conversion of above dimensions)													
55.1–4,409.2	3.19	2.36	0.35	0.51	1.02	0.49	1.65	1.42	3.19	1.81	0.28	0.63	0.14
6,613.9–11,023.1	3.82	2.83	0.43	0.79	1.26	0.81	1.97	1.73	4.37	2.20	0.35	0.75	0.14
22,046.2	3.82	2.83	0.43	0.79	1.26	0.81	1.97	1.73	4.57	2.20	0.35	0.75	0.14
44,092.5	4.53	3.54	0.51	0.79	1.42	0.81	2.40	2.17	5.30	2.54	0.39	0.95	0.14
66,138.7	4.53	3.54	0.51	0.79	1.42	0.81	2.40	2.17	6.21	2.54	0.39	0.95	0.14

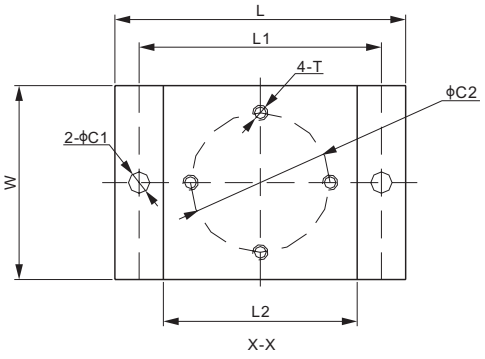
PART NUMBER

Load Cell Capacity	F266-1 Part No.	F266-2 Part No.	ZPS Part No.
25kg-2t	F266-1B	F266-2B	ZPS-B
3t; 5t; 10t	F266-1C	F266-2C	ZPS-C
20t; 30t	F266-1D	F266-2D	ZPS-D

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Mounting Variation 3
F266-1 + F266-2 + FEB





DIMENSIONS

LOAD CELL CAPACITY	C1	C2	H	H1	H2	L	L1	L2	W	T
kg/mm										
25–2,000	9.0	60.0	81.1	8.0	46.0	150.0	125.0	100.0	90.0	M8
3,000–5,000	11.0	72.0	99.6	10.0	44.5	180.0	150.0	120.0	120.0	M10
10,000	11.0	72.0	104.6	10.0	44.5	180.0	150.0	120.0	120.0	M10
20,000	13.0	90.0	120.1	12.0	50.0	270.0	240.0	200.0	200.0	M12
30,000	13.0	90.0	143.1	12.0	50.0	270.0	240.0	200.0	200.0	M12
lb/inches (conversion of above dimensions)										
55.1–4,409.2	0.35	2.36	3.19	0.31	1.81	5.91	4.93	3.94	3.55	M8
6,613.9–11,023.1	0.43	2.84	3.92	0.39	1.75	7.09	5.91	4.73	4.73	M10
22,046.2	0.43	2.84	4.12	0.39	1.75	7.09	5.91	4.73	4.73	M10
44,092.5	0.51	3.55	4.73	0.47	1.97	10.64	9.46	7.88	7.88	M12
66,138.7	0.51	3.55	5.64	0.47	1.97	10.64	9.46	7.88	7.88	M12

PART NUMBER

Load Cell Capacity	F266-1* Part No.	F266-2* Part No.
25kg-2t	F266-1B	F266-2B
3t; 5t; 10t	F266-1C	F266-2C
20t; 30t	F266-1D	F266-2D

** Neither F266-1 nor F266-2 includes the bolts, the bolts need to be ordered separately. FEB includes 4 bolts that match the hole size (T on the drawing).*

PART NUMBER

Load Cell Capacity	FEB * Part No.	Weight (kg) Approx.
25kg-2t	FEB-B	2.3
3t; 5t; 10t	FEB-C	-
20t; 30t	FEB-D	-

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