

# 247ASLH;247ASLHUN

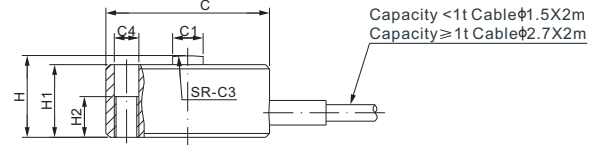
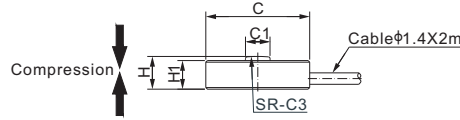
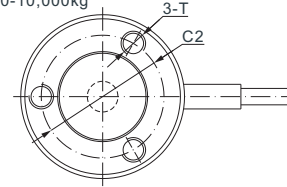
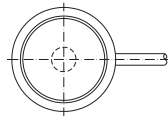
ANYLOAD

## Stainless Steel

CE RoHS

Capacity: 10-100kg

Capacity: 250-10,000kg



### DIMENSIONS

| RATED CAPACITY    | C    | C1   | C2   | C3   | C4  | H    | H1   | H2  | T            |
|-------------------|------|------|------|------|-----|------|------|-----|--------------|
| <b>247ASLH:</b>   |      |      |      |      |     |      |      |     |              |
| <b>kg/mm</b>      |      |      |      |      |     |      |      |     |              |
| 10                | 9.7  | 2.3  | -    | 12.7 | -   | 3.6  | 3.2  | -   | -            |
| 25-100            | 12.7 | 3.0  | -    | 19.1 | -   | 4.5  | 4.0  | -   | -            |
| 250-500           | 20.0 | 3.8  | 15.0 | 15.0 | 3.0 | 10.0 | 8.9  | 5.0 | M3           |
| 1,000-2,000       | 37.6 | 10.9 | 31.8 | 76.2 | 3.5 | 16.0 | 14.0 | 6.4 | M3           |
| 5,000-10,000      | 50.3 | 15.2 | 41.4 | 200  | -   | 25.4 | 22.4 | -   | M4           |
| <b>247ASLHUN:</b> |      |      |      |      |     |      |      |     |              |
| <b>kg/mm</b>      |      |      |      |      |     |      |      |     |              |
| 250-500           | 20.0 | 3.8  | 15.0 | 15.0 | 3.0 | 10.0 | 8.9  | 5.0 | #6-32 UNC-2B |
| 1,000-2,000       | 37.6 | 10.9 | 31.8 | 76.2 | 3.5 | 16.0 | 14.0 | 6.4 | #6-32 UNC-2B |
| 5,000-10,000      | 50.3 | 15.2 | 41.4 | 200  | -   | 25.4 | 22.4 | -   | #6-32 UNC-2B |

### SPECIFICATIONS

|                          |                                                           |                                  |                                                                                                                                                       |
|--------------------------|-----------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Full Scale Output</b> | Cap. ≤10kg: 1.0 mV/V ± 20%;<br>Cap. >10kg: 2.0 mV/V ± 20% | <b>Recommended Excitation</b>    | Cap. ≤10kg: 5V (7V Maximum)<br>Cap. >10kg: 10V (15V Maximum)                                                                                          |
| <b>Zero Balance</b>      | Cap. ≤10kg: ±0.03 mV/V<br>Cap. >10kg: ±0.04 mV/V          | <b>Insulation Resistance</b>     | >2 [ 50V DC ] GΩ                                                                                                                                      |
| <b>Non-linearity</b>     | < ±0.5%                                                   | <b>Nominal Temperature Range</b> | -10°C to 40°C / 14°F to 104°F                                                                                                                         |
| <b>Repeatability</b>     | < ±0.5%                                                   | <b>Safe Overload</b>             | 150% of full scale                                                                                                                                    |
| <b>Hysteresis Error</b>  | < ±0.5%                                                   | <b>Breaking Overload</b>         | 300% of full scale                                                                                                                                    |
| <b>Creep in 30 min.</b>  | < ±0.5%                                                   | <b>Seal Type / IP Rating</b>     | Environmentally Sealed / IP66                                                                                                                         |
| <b>Input Resistance</b>  | Cap. ≤500kg: 375Ω ± 25;<br>Cap. >500kg: 700Ω ± 25         | <b>Cable Color Code</b>          | Cap. ≤500kg:<br>Exc+ Red Exc- Black<br>Sig+ Green Sig- Yellow Shield Bare<br>Cap. >500kg:<br>Exc+ Red Exc- Black<br>Sig+ Green Sig- White Shield Bare |
| <b>Output Resistance</b> | Cap. ≤500kg: 350Ω ± 3;<br>Cap. >500kg: 700Ω ± 3           |                                  |                                                                                                                                                       |
| <b>Element Material</b>  | 17-4PH Stainless Steel                                    |                                  |                                                                                                                                                       |

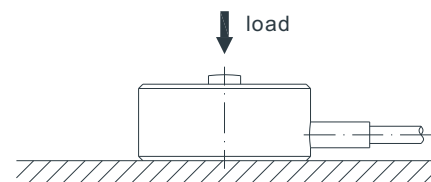
### PART NUMBER

| Rated Capacity                    | Part No.           | Weight (kg) Approx. |
|-----------------------------------|--------------------|---------------------|
| <b>10-100kg, No thread</b>        |                    |                     |
| 10kg.....                         | 247ASLH-10kg.....  | 0.09                |
| 25kg.....                         | 247ASLH-25kg.....  | 0.09                |
| 50kg.....                         | 247ASLH-50kg.....  | 0.09                |
| 100kg.....                        | 247ASLH-100kg..... | 0.09                |
| <b>250kg to 2t, Metric thread</b> |                    |                     |
| 250kg.....                        | 247ASLH-250kg..... | 0.11                |
| 500kg.....                        | 247ASLH-500kg..... | 0.11                |
| 1t.....                           | 247ASLH-1t.....    | 0.19                |
| 2t.....                           | 247ASLH-2t.....    | 0.19                |
| 5t.....                           | 247ASLH-5t.....    | 0.42                |
| 10t.....                          | 247ASLH-10t.....   | 0.42                |

### PART NUMBER

| Rated Capacity                      | Part No.             | Weight (kg) Approx. |
|-------------------------------------|----------------------|---------------------|
| <b>250kg to 2t, Imperial thread</b> |                      |                     |
| 250kg.....                          | 247ASLHUN-250kg..... | 0.11                |
| 500kg.....                          | 247ASLHUN-500kg..... | 0.11                |
| 1t.....                             | 247ASLHUN-1t.....    | 0.19                |
| 2t.....                             | 247ASLHUN-2t.....    | 0.19                |
| 5t.....                             | 247ASLHUN-5t.....    | 0.42                |
| 10t.....                            | 247ASLHUN-10t.....   | 0.42                |

### APPLICATION EXAMPLES



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