



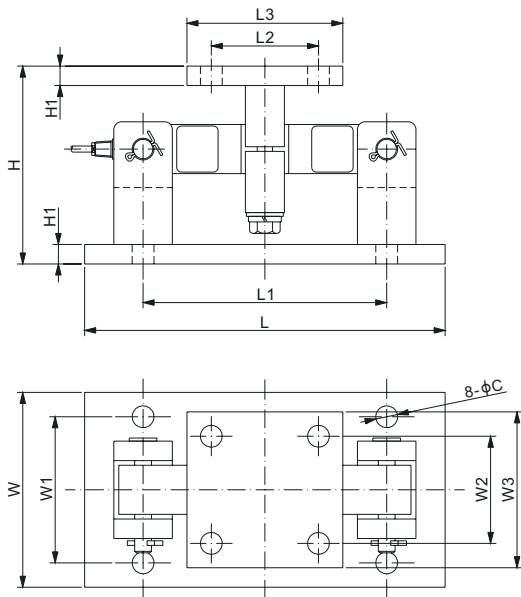
Features:

- Assembles: 102ES double ended beam load cell
- Capacities: 1Klb-75Klb
- Self-checking with anti-lifting protection

Load Cell Certifications:



Load Cell Not Included.



DIMENSIONS

| LOAD CELL CAPACITY                            | C    | H     | H1   | L     | L1    | L2    | L3    | W     | W1    | W2    | W3    |
|-----------------------------------------------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Klb/inches</b>                             |      |       |      |       |       |       |       |       |       |       |       |
| 1-5                                           | 0.56 | 5.00  | 0.50 | 9.25  | 6.25  | 2.75  | 4.00  | 5.00  | 3.75  | 2.75  | 4.00  |
| 10-25                                         | 0.81 | 7.89  | 0.75 | 12.00 | 7.50  | 6.00  | 8.00  | 8.00  | 6.00  | 6.00  | 8.00  |
| 35                                            | 0.81 | 8.02  | 0.75 | 12.00 | 7.50  | 6.00  | 8.00  | 8.00  | 6.00  | 6.00  | 8.00  |
| 50-75                                         | 0.81 | 9.31  | 1.00 | 16.25 | 11.50 | 6.50  | 9.00  | 12.00 | 9.50  | 6.50  | 9.00  |
| <b>kg/mm</b> (conversion of above dimensions) |      |       |      |       |       |       |       |       |       |       |       |
| 453.6-2,268                                   | 14.2 | 127.0 | 12.7 | 235.0 | 158.8 | 69.9  | 101.6 | 127.0 | 95.3  | 69.9  | 101.6 |
| 4,535.9-11,339.8                              | 20.6 | 200.4 | 19.0 | 304.8 | 190.5 | 152.4 | 203.2 | 203.2 | 152.4 | 152.4 | 203.2 |
| 15,875.7                                      | 20.6 | 203.8 | 19.0 | 304.8 | 190.5 | 152.4 | 203.2 | 203.2 | 152.4 | 152.4 | 203.2 |
| 22,679.6-34,019.4                             | 20.6 | 236.5 | 25.4 | 412.8 | 292.0 | 165.1 | 228.6 | 304.8 | 241.3 | 165.1 | 228.6 |

| PART NUMBER        |                    |                              |
|--------------------|--------------------|------------------------------|
| Load Cell Capacity | Part No.           | Shipping Weight Approx. (kg) |
| 1Klb-5Klb          | 102ESM2-(1-5)Klb   | 7.7                          |
| 10Klb-25Klb        | 102ESM2-(10-25)Klb | 30.0                         |
| 35Klb              | 102ESM2-35Klb      | 30.0                         |
| 50Klb-60Klb        | 102ESM2-(50-60)Klb | 67.5                         |
| 75Klb              | 102ESM2-75Klb      | -                            |

| INTERCHANGEABLE REFERENCE |            |
|---------------------------|------------|
| Brand                     | Model      |
| Rice Lake                 | RL1600 HE* |
| Mettler Toledo            | VLM3S      |
| * RL1600 HE: up to 25Klb  |            |

| AVAILABLE OPTION                          |
|-------------------------------------------|
| ■ Alloy steel version: 102EHM2 (page 158) |

# Product Datasheet Disclaimer

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