

## MK - SB

### FEATURE:

- Heavy duty shear beam load cell
- Nickel plated steel with anti corrosive
- Smaller foot for special application
- Can use for Silo, Hopper, low platform scale
- 5 core high quality orange cable



| Rated Load (t) | L   | L1  | L2 | L3  | L4 | H1   | H2/B | B1  | H3   | H4  | D1  | D2  | D3  |
|----------------|-----|-----|----|-----|----|------|------|-----|------|-----|-----|-----|-----|
| 0.3,0.5,1,2,3  | 203 | 95  | 64 | 98  | 22 | 43   | 36.6 | 7   | 30.5 | 8   | Φ32 | Φ16 | Φ13 |
| 5,7.5,8        | 235 | 110 | 66 | 124 | 22 | 52   | 48   | 7   | 30   | 12  | Φ38 | Φ22 | Φ21 |
| 10             | 279 | 133 | 82 | 140 | 32 | 67   | 60   | 8.5 | 20   | 8.5 | Φ48 | Φ32 | Φ28 |
| 15,20,25       | 318 | 153 | 89 | 159 | 38 | 82.5 | 70   | 9.5 | 24   | 9.5 | Φ54 | Φ38 | Φ34 |

| A              |           |     |    |     |    |      |     |      |      |     |     |     |
|----------------|-----------|-----|----|-----|----|------|-----|------|------|-----|-----|-----|
| Rated Load (t) | Size (mm) |     |    |     |    |      |     |      |      |     |     |     |
|                | L         | L1  | L2 | L3  | L4 | B    | H   | H1   | H2   | H3  | D   | D1  |
| 0.3,0.5,1,2,3  | 203       | 95  | 64 | 98  | 22 | 36.6 | 58  | 30.5 | 43   | 7   | Φ35 | Φ13 |
| 5,7.5,8        | 235       | 110 | 66 | 124 | 22 | 48   | 81  | 30   | 52   | 7   | Φ42 | Φ21 |
| 10             | 279       | 133 | 82 | 140 | 32 | 60   | 128 | 20   | 67   | 8.5 | Φ57 | Φ28 |
| 15,20,25       | 318       | 153 | 89 | 159 | 38 | 70   | 144 | 24   | 82.5 | 9.5 | Φ70 | Φ34 |

| B              |           |     |    |     |    |      |     |      |    |    |     |     |     |     |
|----------------|-----------|-----|----|-----|----|------|-----|------|----|----|-----|-----|-----|-----|
| Rated Load (t) | Size (mm) |     |    |     |    |      |     |      |    |    |     |     |     |     |
|                | L         | L1  | L2 | L3  | L4 | B    | H   | H1   | H2 | H3 | D   | D1  | D2  | D3  |
| 0.3,0.5,1,2,3  | 203       | 95  | 64 | 98  | 22 | 36.6 | 79  | 30.5 | 43 | 9  | Φ16 | Φ45 | Φ15 | Φ13 |
| 5,7.5,8        | 235       | 110 | 66 | 124 | 22 | 48   | 104 | 30   | 52 | 10 | Φ25 | Φ52 | Φ21 | Φ21 |

| C              |           |     |    |     |    |      |      |      |    |     |     |     |     |       |
|----------------|-----------|-----|----|-----|----|------|------|------|----|-----|-----|-----|-----|-------|
| Rated Load (t) | Size (mm) |     |    |     |    |      |      |      |    |     |     |     |     |       |
|                | L         | L1  | L2 | L3  | L4 | B    | H    | H1   | H2 | H3  | D1  | D2  | D3  | D4    |
| 0.3,0.5,1,2,3  | 203       | 95  | 64 | 98  | 22 | 36.6 | 68.5 | 30.5 | 43 | 8.5 | Φ30 | Φ16 | Φ13 | Φ15.5 |
| 5,7.5,8        | 235       | 110 | 66 | 124 | 22 | 48   | 102  | 30   | 52 | 10  | Φ37 | Φ25 | Φ21 | Φ21.5 |

## SPECIFICATION

|                                      |                                    |                          |                                                      |
|--------------------------------------|------------------------------------|--------------------------|------------------------------------------------------|
| Rated capacities (E <sub>max</sub> ) | 0.3,0.5,1,2,3,5,7.5,8,10,15,20,25t | Temperature, compensated | -10°C~+40°C                                          |
| Rated Output                         | 2.0±0.002mV/V                      | Temperature, operating   | -30°C~+70°C                                          |
| Accuracy class                       | C3                                 | Maximum safe overload    | 150%F.S                                              |
|                                      |                                    | Ultimate overload        | 250%F.S                                              |
| Zero balance                         | ±1%F.S                             | Excitation, recommended  | 10-12V DC                                            |
| TC ZERO                              | ±0.02%F.S/10°C                     | Excitation, maximum      | 15V DC                                               |
| TC SPAN                              | ±0.02%F.S/10°C                     | Protection class         | IP68                                                 |
| Input resistance                     | 400±20Ω                            | Construction             | Nickel Plated Steel                                  |
| Output resistance                    | 352±3Ω                             | Cable Length             | 2.6m(0.3-2t);3.5m(3t);5.2m(5-8t);7m(10t);12m(15-25t) |
| Insulation resistance                | ≥5000MΩ                            | Diameter:                | Φ5mm(0.3-8t) Φ6mm(10-25t);(0.3-25t)                  |

