

重荷重  
중하중  
HEAVY LOAD

SH

하중 荷重 ±10%  
직각도 直角度 2° 以下  
자유장 自由長 50m/m 以下 ±0.5m/m  
55m/m 以上 ± 1%

| 呼び<br>호칭<br>Model | 外径<br>외경(mm)<br>Outer<br>Dia. | 内径<br>내경(mm)<br>Inner<br>Dia. | 自由長<br>자유장(mm)<br>Free length | 定数<br>정수(spring<br>constant) | 30万 (0.3million)             |                      | 50万 (0.5 million)            |                      | 100万 (1 million)             |                      |    |     |    |     |    |
|-------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|----------------------|------------------------------|----------------------|------------------------------|----------------------|----|-----|----|-----|----|
|                   |                               |                               |                               |                              | 変形量<br>변형량(mm)<br>Deflection | 荷重<br>하중(kg)<br>Load | 変形量<br>변형량(mm)<br>Deflection | 荷重<br>하중(kg)<br>Load | 変形量<br>변형량(mm)<br>Deflection | 荷重<br>하중(kg)<br>Load |    |     |    |     |    |
| SH 6×15           | 6                             | 3                             | 15                            | 3.90                         | 3.6                          | 14                   | 3.2                          | 13                   | 2.9                          | 11                   |    |     |    |     |    |
| 20                |                               |                               | 20                            | 2.90                         | 4.8                          |                      | 4.3                          |                      | 3.8                          |                      |    |     |    |     |    |
| 25                |                               |                               | 25                            | 2.30                         | 6.0                          |                      | 5.4                          |                      | 4.8                          |                      |    |     |    |     |    |
| 30                |                               |                               | 30                            | 1.90                         | 7.2                          |                      | 6.5                          |                      | 5.8                          |                      |    |     |    |     |    |
| 35                |                               |                               | 35                            | 1.70                         | 8.4                          |                      | 7.6                          |                      | 6.7                          |                      |    |     |    |     |    |
| 40                |                               |                               | 40                            | 1.50                         | 9.6                          |                      | 8.6                          |                      | 7.7                          |                      |    |     |    |     |    |
| 45                |                               |                               | 45                            | 1.30                         | 10.8                         |                      | 9.7                          |                      | 8.6                          |                      |    |     |    |     |    |
| 50                |                               |                               | 50                            | 1.20                         | 12.0                         |                      | 10.8                         |                      | 9.6                          |                      |    |     |    |     |    |
| 55                |                               |                               | 55                            | 1.10                         | 13.2                         |                      | 11.9                         |                      | 10.6                         |                      |    |     |    |     |    |
| 60                |                               |                               | 60                            | 1.00                         | 14.4                         |                      | 13.0                         |                      | 11.5                         |                      |    |     |    |     |    |
| 65                |                               |                               | 65                            | 0.90                         | 15.6                         |                      | 13.8                         |                      | 12.48                        |                      |    |     |    |     |    |
| 70                |                               |                               | 70                            | 0.83                         | 16.8                         |                      | 14.9                         |                      | 13.44                        |                      |    |     |    |     |    |
| SH 8×10           |                               |                               | 8                             | 4                            | 10                           |                      | 8.80                         |                      | 2.4                          |                      | 21 | 2.2 | 19 | 1.9 | 17 |
| 15                |                               |                               |                               |                              | 15                           |                      | 5.86                         |                      | 3.6                          |                      |    | 3.2 |    | 2.9 |    |
| 20                | 20                            | 4.40                          |                               |                              | 4.8                          | 4.3                  | 3.8                          |                      |                              |                      |    |     |    |     |    |
| 25                | 25                            | 3.52                          |                               |                              | 6.0                          | 5.4                  | 4.8                          |                      |                              |                      |    |     |    |     |    |
| 30                | 30                            | 2.93                          |                               |                              | 7.2                          | 6.5                  | 5.8                          |                      |                              |                      |    |     |    |     |    |
| 35                | 35                            | 2.51                          |                               |                              | 8.4                          | 7.6                  | 6.7                          |                      |                              |                      |    |     |    |     |    |
| 40                | 40                            | 2.20                          |                               |                              | 9.6                          | 8.6                  | 7.7                          |                      |                              |                      |    |     |    |     |    |
| 45                | 45                            | 1.95                          |                               |                              | 10.8                         | 9.7                  | 8.6                          |                      |                              |                      |    |     |    |     |    |
| 50                | 50                            | 1.76                          |                               |                              | 12.0                         | 10.8                 | 9.6                          |                      |                              |                      |    |     |    |     |    |
| 55                | 55                            | 1.60                          |                               |                              | 13.2                         | 11.9                 | 10.6                         |                      |                              |                      |    |     |    |     |    |
| 60                | 60                            | 1.47                          |                               |                              | 14.4                         | 13.0                 | 11.5                         |                      |                              |                      |    |     |    |     |    |
| 65                | 65                            | 1.35                          |                               |                              | 15.6                         | 14.0                 | 12.5                         |                      |                              |                      |    |     |    |     |    |
| 70                | 70                            | 1.26                          |                               |                              | 16.8                         | 15.1                 | 13.4                         |                      |                              |                      |    |     |    |     |    |
| 75                | 75                            | 1.17                          |                               |                              | 18.0                         | 16.2                 | 14.4                         |                      |                              |                      |    |     |    |     |    |
| 80                | 80                            | 1.10                          | 19.2                          | 17.3                         | 15.4                         |                      |                              |                      |                              |                      |    |     |    |     |    |
| 90                | 90                            | 0.98                          | 21.6                          | 19.4                         | 17.3                         |                      |                              |                      |                              |                      |    |     |    |     |    |
| SH 10×10          | 10                            | 5                             | 10                            | 12.27                        | 2.4                          | 30                   | 2.2                          | 27                   | 1.9                          | 24                   |    |     |    |     |    |
| 15                |                               |                               | 15                            | 8.18                         | 3.6                          |                      | 3.3                          |                      | 2.9                          |                      |    |     |    |     |    |
| 20                |                               |                               | 20                            | 6.25                         | 4.8                          |                      | 4.3                          |                      | 3.8                          |                      |    |     |    |     |    |
| 25                |                               |                               | 25                            | 5.00                         | 6.0                          |                      | 5.4                          |                      | 4.8                          |                      |    |     |    |     |    |
| 30                |                               |                               | 30                            | 4.16                         | 7.2                          |                      | 6.5                          |                      | 5.8                          |                      |    |     |    |     |    |
| 35                |                               |                               | 35                            | 3.57                         | 8.4                          |                      | 7.6                          |                      | 6.7                          |                      |    |     |    |     |    |
| 40                |                               |                               | 40                            | 3.15                         | 9.6                          |                      | 8.6                          |                      | 7.7                          |                      |    |     |    |     |    |
| 45                |                               |                               | 45                            | 2.77                         | 10.8                         |                      | 9.7                          |                      | 8.6                          |                      |    |     |    |     |    |
| 50                |                               |                               | 50                            | 2.50                         | 12.0                         |                      | 10.8                         |                      | 9.6                          |                      |    |     |    |     |    |
| 55                |                               |                               | 55                            | 2.27                         | 13.2                         |                      | 11.9                         |                      | 10.6                         |                      |    |     |    |     |    |
| 60                |                               |                               | 60                            | 2.08                         | 14.4                         |                      | 13.0                         |                      | 11.5                         |                      |    |     |    |     |    |
| 65                |                               |                               | 65                            | 1.92                         | 15.6                         |                      | 14.0                         |                      | 12.5                         |                      |    |     |    |     |    |
| 70                |                               |                               | 70                            | 1.79                         | 16.8                         |                      | 15.1                         |                      | 13.4                         |                      |    |     |    |     |    |
| 75                |                               |                               | 75                            | 1.67                         | 18.0                         |                      | 16.2                         |                      | 14.4                         |                      |    |     |    |     |    |
| 80                | 80                            | 1.56                          | 19.2                          | 17.3                         | 15.4                         |                      |                              |                      |                              |                      |    |     |    |     |    |
| 90                | 90                            | 1.39                          | 21.6                          | 19.4                         | 17.3                         |                      |                              |                      |                              |                      |    |     |    |     |    |
| 100               | 100                           | 1.25                          | 24.0                          | 21.6                         | 19.2                         |                      |                              |                      |                              |                      |    |     |    |     |    |