

極重荷重  
극중하중  
EXTRA HEAVY LOAD

**CB**

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%

| 呼稱<br>호 칭<br>Model | 外徑<br>외경(mm)<br>Outer<br>Dia. | 內徑<br>내경(mm)<br>Inner<br>Dia. | 自由長<br>자유장(mm)<br>Free length | 定數<br>정수(kgf/mm)<br>spring<br>constant | 30万 (0.3million)             |                       | 50万 (0.5 million)            |                       | 100万 (1 million)             |                       |
|--------------------|-------------------------------|-------------------------------|-------------------------------|--|------------------------------|-----------------------|------------------------------|-----------------------|------------------------------|-----------------------|
|                    |                               |                               |                               |  | 變形量<br>변형량(mm)<br>Deflection | 荷重<br>하중(kgf)<br>Load | 變形量<br>변형량(mm)<br>Deflection | 荷重<br>하중(kgf)<br>Load | 變形量<br>변형량(mm)<br>Deflection | 荷重<br>하중(kgf)<br>Load |
| CB 18×20           | 18                            | 9                             | 20                            | 31.39                                  | 4.0                          | 125                   | 3.6                          | 113                   | 3.2                          | 100                   |
| 25                 |                               |                               | 25                            | 25.00                                  | 5.0                          |                       | 4.5                          |                       | 4.0                          |                       |
| 30                 |                               |                               | 30                            | 20.84                                  | 6.0                          |                       | 5.4                          |                       | 4.8                          |                       |
| 35                 |                               |                               | 35                            | 17.86                                  | 7.0                          |                       | 6.3                          |                       | 5.6                          |                       |
| 40                 |                               |                               | 40                            | 15.63                                  | 8.0                          |                       | 7.2                          |                       | 6.4                          |                       |
| 45                 |                               |                               | 45                            | 13.89                                  | 9.0                          |                       | 8.1                          |                       | 7.2                          |                       |
| 50                 |                               |                               | 50                            | 12.50                                  | 10.0                         |                       | 9.0                          |                       | 8.0                          |                       |
| 55                 |                               |                               | 55                            | 11.37                                  | 11.0                         |                       | 9.9                          |                       | 8.8                          |                       |
| 60                 |                               |                               | 60                            | 10.42                                  | 12.0                         |                       | 10.8                         |                       | 9.6                          |                       |
| 65                 |                               |                               | 65                            | 9.62                                   | 13.0                         |                       | 11.7                         |                       | 10.4                         |                       |
| 70                 |                               |                               | 70                            | 8.93                                   | 14.0                         |                       | 12.6                         |                       | 11.2                         |                       |
| 75                 |                               |                               | 75                            | 8.34                                   | 15.0                         |                       | 13.5                         |                       | 12.0                         |                       |
| 80                 |                               |                               | 80                            | 7.82                                   | 16.0                         |                       | 14.4                         |                       | 12.8                         |                       |
| 90                 |                               |                               | 90                            | 6.95                                   | 18.0                         |                       | 16.2                         |                       | 14.4                         |                       |
| 100                |                               |                               | 100                           | 6.26                                   | 20.0                         |                       | 18.0                         |                       | 16.0                         |                       |
| 125                | 125                           | 5.00                          | 25.0                          | 22.5                                   | 20.0                         |                       |                              |                       |                              |                       |
| CB 20×20           | 20                            | 10                            | 20                            | 40.00                                  | 4.0                          | 160                   | 3.6                          | 144                   | 3.2                          | 128                   |
| 25                 |                               |                               | 25                            | 32.00                                  | 5.0                          |                       | 4.5                          |                       | 4.0                          |                       |
| 30                 |                               |                               | 30                            | 26.67                                  | 6.0                          |                       | 5.4                          |                       | 4.8                          |                       |
| 35                 |                               |                               | 35                            | 22.86                                  | 7.0                          |                       | 6.3                          |                       | 5.6                          |                       |
| 40                 |                               |                               | 40                            | 20.00                                  | 8.0                          |                       | 7.2                          |                       | 6.4                          |                       |
| 45                 |                               |                               | 45                            | 17.78                                  | 9.0                          |                       | 8.1                          |                       | 7.2                          |                       |
| 50                 |                               |                               | 50                            | 16.00                                  | 10.0                         |                       | 9.0                          |                       | 8.0                          |                       |
| 55                 |                               |                               | 55                            | 14.55                                  | 11.0                         |                       | 9.9                          |                       | 8.8                          |                       |
| 60                 |                               |                               | 60                            | 13.33                                  | 12.0                         |                       | 10.8                         |                       | 9.6                          |                       |
| 65                 |                               |                               | 65                            | 12.31                                  | 13.0                         |                       | 11.7                         |                       | 10.4                         |                       |
| 70                 |                               |                               | 70                            | 11.43                                  | 14.0                         |                       | 12.6                         |                       | 11.2                         |                       |
| 75                 |                               |                               | 75                            | 10.67                                  | 15.0                         |                       | 13.5                         |                       | 12.0                         |                       |
| 80                 |                               |                               | 80                            | 10.00                                  | 16.0                         |                       | 14.4                         |                       | 12.8                         |                       |
| 90                 |                               |                               | 90                            | 8.89                                   | 18.0                         |                       | 16.2                         |                       | 14.4                         |                       |
| 100                |                               |                               | 100                           | 8.00                                   | 20.0                         |                       | 18.0                         |                       | 16.0                         |                       |
| 125                | 125                           | 6.40                          | 25.0                          | 22.5                                   | 20.0                         |                       |                              |                       |                              |                       |
| 150                | 150                           | 5.33                          | 30.0                          | 27.0                                   | 24.0                         |                       |                              |                       |                              |                       |
| 175                | 175                           | 4.57                          | 35.0                          | 31.5                                   | 28.0                         |                       |                              |                       |                              |                       |
| CB 22×25           | 22                            | 11                            | 25                            | 39.00                                  | 5.0                          | 195                   | 4.5                          | 175                   | 4.0                          | 156                   |
| 30                 |                               |                               | 30                            | 32.50                                  | 6.0                          |                       | 5.4                          |                       | 4.8                          |                       |
| 35                 |                               |                               | 35                            | 27.86                                  | 7.0                          |                       | 6.3                          |                       | 5.6                          |                       |
| 40                 |                               |                               | 40                            | 24.38                                  | 8.0                          |                       | 7.2                          |                       | 6.4                          |                       |
| 45                 |                               |                               | 45                            | 21.67                                  | 9.0                          |                       | 8.1                          |                       | 7.2                          |                       |
| 50                 |                               |                               | 50                            | 19.50                                  | 10.0                         |                       | 9.0                          |                       | 8.0                          |                       |
| 55                 |                               |                               | 55                            | 17.73                                  | 11.0                         |                       | 9.9                          |                       | 8.8                          |                       |
| 60                 |                               |                               | 60                            | 16.25                                  | 12.0                         |                       | 10.8                         |                       | 9.6                          |                       |
| 65                 |                               |                               | 65                            | 15.00                                  | 13.0                         |                       | 11.7                         |                       | 10.4                         |                       |
| 70                 |                               |                               | 70                            | 13.93                                  | 14.0                         |                       | 12.6                         |                       | 11.2                         |                       |
| 75                 |                               |                               | 75                            | 13.00                                  | 15.0                         |                       | 13.5                         |                       | 12.0                         |                       |
| 80                 |                               |                               | 80                            | 12.19                                  | 16.0                         |                       | 14.4                         |                       | 12.8                         |                       |
| 90                 |                               |                               | 90                            | 10.83                                  | 18.0                         |                       | 16.2                         |                       | 14.4                         |                       |
| 100                |                               |                               | 100                           | 9.75                                   | 20.0                         |                       | 18.0                         |                       | 16.0                         |                       |
| 125                |                               |                               | 125                           | 7.80                                   | 25.0                         |                       | 22.5                         |                       | 20.0                         |                       |
| 150                | 150                           | 6.50                          | 30.0                          | 27.0                                   | 24.0                         |                       |                              |                       |                              |                       |
| 175                | 175                           | 5.57                          | 35.0                          | 31.5                                   | 28.0                         |                       |                              |                       |                              |                       |