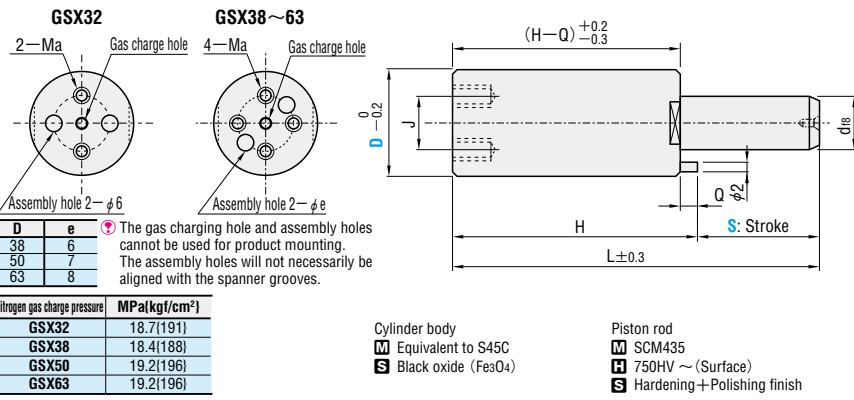


# GAS SPRINGS

—CLASSIC TYPE—

RoHS

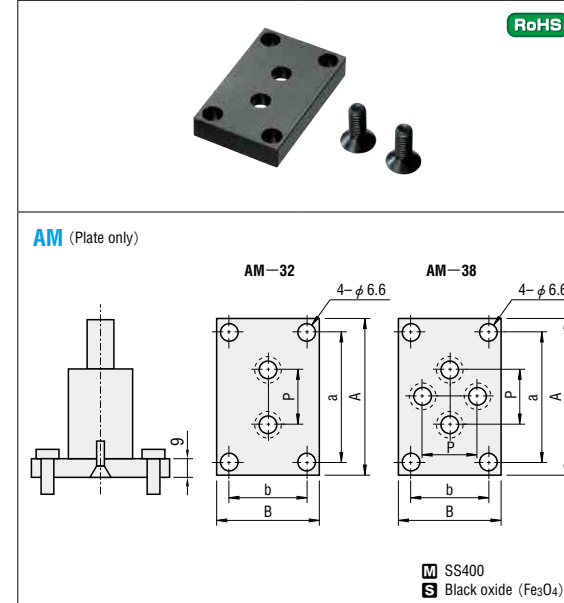
GSX



| Weight (kg) | D   | d   | L            | H     | Ma<br>Tap hole for mounting | J  | Q | Load N (kgf)    |              | Catalog No. |       |
|-------------|-----|-----|--------------|-------|-----------------------------|----|---|-----------------|--------------|-------------|-------|
|             |     |     |              |       |                             |    |   | Initial load    | Maximum load | Type        | D—S   |
| 0.30        | 32  | 18  | 75           | 65    | M6×9                        | 15 | 2 | 5000<br>(510)   | 6717 (685)   |             | 32-10 |
| 0.32        |     |     | 85           | 70    |                             |    |   |                 | 7431 (758)   | 32-15       |       |
| 0.34        |     |     | 95           | 75    |                             |    |   |                 | 7808 (797)   | 32-20       |       |
| 0.35        |     |     | 105          | 80    |                             |    |   |                 | 8045 (821)   | 32-25       |       |
| 0.39        |     |     | 120          | 88    |                             |    |   |                 | 8204 (837)   | 32-32       |       |
| 0.42        |     |     | 135          | 97    |                             |    |   |                 | 8575 (875)   | 32-38       |       |
| 0.43        |     |     | 145          | 100   |                             |    |   |                 | 8728 (890)   | 32-45       |       |
| 0.45        |     |     | 155          | 105   |                             |    |   |                 | 8709 (889)   | 32-50       |       |
| 0.49        |     |     | 170          | 114   |                             |    |   |                 | 9072 (926)   | 32-56       |       |
| 0.51        |     |     | 185          | 122   |                             |    |   |                 | 8716 (889)   | 32-63       |       |
| 0.57        | 220 | 140 | 9050 (923)   | 32-80 |                             |    |   |                 |              |             |       |
| 0.41        | 38  | 25  | 75           | 65    | M6×9                        | 20 | 2 | 9445<br>(963)   | 13647 (1392) |             | 38-10 |
| 0.44        |     |     | 85           | 70    |                             |    |   |                 | 15769 (1609) | 38-15       |       |
| 0.47        |     |     | 95           | 75    |                             |    |   |                 | 16576 (1691) | 38-20       |       |
| 0.49        |     |     | 105          | 80    |                             |    |   |                 | 17995 (1835) | 38-25       |       |
| 0.55        |     |     | 120          | 88    |                             |    |   |                 | 18633 (1901) | 38-32       |       |
| 0.59        |     |     | 135          | 97    |                             |    |   |                 | 18407 (1877) | 38-38       |       |
| 0.60        |     |     | 145          | 100   |                             |    |   |                 | 18756 (1913) | 38-45       |       |
| 0.62        |     |     | 155          | 105   |                             |    |   |                 | 19650 (2004) | 38-50       |       |
| 0.67        |     |     | 170          | 114   |                             |    |   |                 | 19139 (1952) | 38-56       |       |
| 0.70        |     |     | 185          | 122   |                             |    |   |                 | 19473 (1986) | 38-63       |       |
| 0.80        | 220 | 140 | 19954 (2035) | 38-80 |                             |    |   |                 |              |             |       |
| 0.90        | 50  | 35  | 110          | 95    | M8×12                       | 25 | 3 | 19200<br>(1958) | 25069 (2557) |             | 50-15 |
| 0.93        |     |     | 120          | 100   |                             |    |   |                 | 26692 (2722) | 50-20       |       |
| 0.98        |     |     | 130          | 105   |                             |    |   |                 | 27889 (2844) | 50-25       |       |
| 1.05        |     |     | 145          | 113   |                             |    |   |                 | 29126 (2971) | 50-32       |       |
| 1.09        |     |     | 155          | 117   |                             |    |   |                 | 30949 (3156) | 50-38       |       |
| 1.14        |     |     | 170          | 125   |                             |    |   |                 | 31350 (3197) | 50-45       |       |
| 1.19        |     |     | 180          | 130   |                             |    |   |                 | 32200 (3284) | 50-50       |       |
| 1.29        |     |     | 195          | 139   |                             |    |   |                 | 33577 (3424) | 50-56       |       |
| 1.30        |     |     | 205          | 142   |                             |    |   |                 | 35138 (3584) | 50-63       |       |
| 1.45        |     |     | 240          | 160   |                             |    |   |                 | 35800 (3651) | 50-80       |       |
| 1.61        | 63  | 45  | 120          | 100   | M8×12                       | 35 | 3 | 31200<br>(3182) | 45067 (4596) |             | 63-20 |
| 1.64        |     |     | 130          | 105   |                             |    |   |                 | 45981 (4689) | 63-25       |       |
| 1.75        |     |     | 145          | 113   |                             |    |   |                 | 49307 (5028) | 63-32       |       |
| 1.80        |     |     | 155          | 117   |                             |    |   |                 | 51265 (5228) | 63-38       |       |
| 1.91        |     |     | 170          | 125   |                             |    |   |                 | 53660 (5472) | 63-45       |       |
| 1.93        |     |     | 180          | 130   |                             |    |   |                 | 54446 (5552) | 63-50       |       |
| 2.12        |     |     | 205          | 142   |                             |    |   |                 | 57534 (5867) | 63-63       |       |
| 2.34        |     |     | 240          | 160   |                             |    |   |                 | 58620 (5978) | 63-80       |       |

⚠ The initial load (±10%) is valued at 35°C. The maximum load is theoretical value under static condition. Load depends on temperature.  
 ● Load [kgf]=Load N×0.101972 ● Load [N]=Load kgf×9.80665 ● Nitrogen gas charge pressure kgf/cm<sup>2</sup>=MPa×10.1972 MPa=kgf/cm<sup>2</sup>×0.0980665

RoHS



| Provided bolts | A  | B  | a  | b  | P  | Catalog No. |
|----------------|----|----|----|----|----|-------------|
| FB6—16×2 pcs.  | 51 | 32 | 41 | 22 | 15 | AM      32  |
| FB6—16×4 pcs.  | 57 | 38 | 47 | 28 | 20 |             |

⚠ It is recommended that thread locking compound be applied to the bolts before they are used.

**Gas spring temperature range**  
 Please ensure that the surface temperature of the gas spring does not exceed 80°C.

Order      Catalog No.  
 GSX 32-38  
 AM-32

Days to Ship      Quotation

Price      Quotation

GAS SPRINGS