

| MODEL | CHARGING PRESSURE (BAR) | FORCE (daN) @20° C | | COLOUR |
|-------------|-------------------------|--------------------|-------|--------|
| | | INITIAL | END | |
| NG1-050-XXX | 45 | 50 | 76.6 | Green |
| NG1-100-XXX | 90 | 100 | 153.2 | Blue |
| NG1-150-XXX | 135 | 150 | 230 | Red |
| NG1-200-XXX | 180 | 200 | 306.4 | Yellow |

SPECIAL STROKE SIZES AVAILABLE UPON REQUEST

| TYPE | STROKE | L MIN | L |
|------|--------|-------|-------|
| NG1 | 10 | 52 | 62 |
| | 13 | 54.7 | 67.4 |
| | 15 | 57 | 72 |
| | 16 | 58 | 74 |
| | 25 | 67 | 92 |
| | 38 | 80.1 | 118.2 |
| | 50 | 92 | 142 |
| | 63 | 108.5 | 172 |
| | 80 | 125 | 205 |
| | 100 | 145 | 245 |
| | 125 | 170 | 295 |
| | 150 | 203 | 353 |
| | 160 | 213 | 373 |
| | 175 | 228 | 403 |
| 200 | 253 | 453 | |

ORDERING EXAMPLE: **NG1-050-010**

M6 X 5MM DEEP



USE ONLY NITROGEN

MAX. PRESSURE: 180 BAR

MIN. PRESSURE: 20 BAR

MAX. PISTON VELOCITY: 1.6M/SEC



PREVENT DUST, DIRT AND OIL FROM REDUCING THE LIFE OF YOUR GAS SPRINGS



CODE: SRS-12

GAS SPRING FORCE CALCULATOR

www.metrol.com/gas-spring-force-calculator



MOUNTING EXAMPLES

(all dimensions are mm, unless otherwise stated) for other possible mounting options see pages 84 - 88



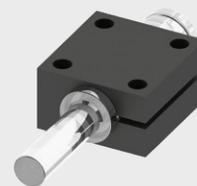
Drop-in Pocket



Front Flange
25 FF



M6 Tapped Hole
Only for strokes up to 25mm



End Support
25 ES

Please note: gas springs should always be positively retained where possible. How to order: Spring Type x Stroke + Mounting Type ie: NG1 x 25 + FF



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