

## Baureihe ZHSS



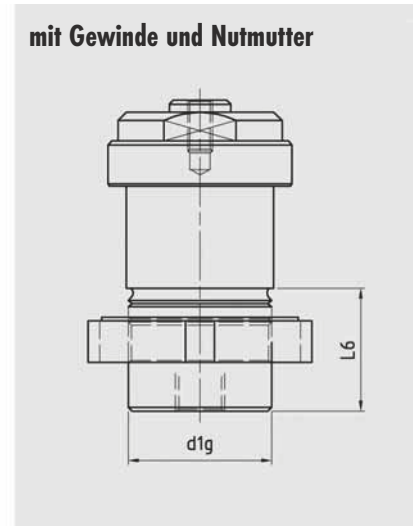
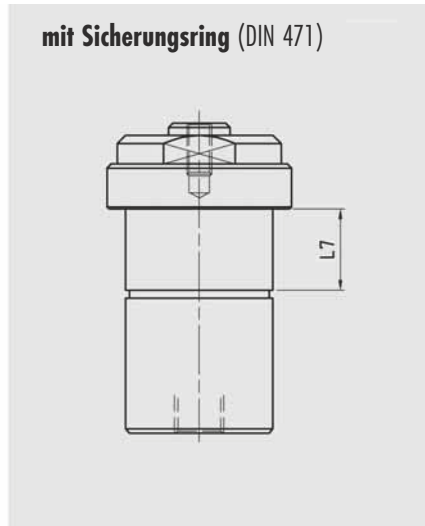
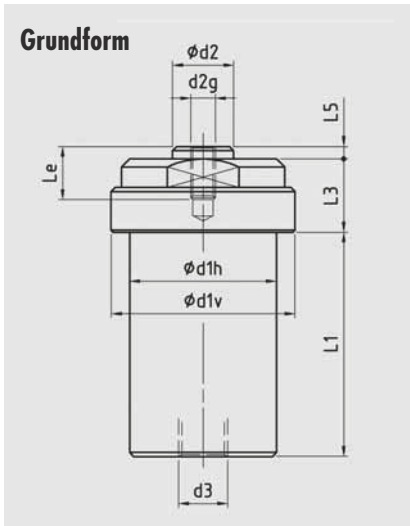
### 400 bar Spannzylinder

- Kolben Ø 16-50 mm
- Standard-Hublängen
- Einfachwirkend stoßend arbeitend; mit oder ohne Federrückstellung
- Runde, kompakte Bauform; schwarz brüniert
- Kolbenstange gehärtet; mit Staubabstreifer

## Allgemeine Hinweise

| Kolben Ø (mm)                           | 16                  | 20   | 25   | 32   | 40    | 50    |
|-----------------------------------------|---------------------|------|------|------|-------|-------|
| Kolbenfläche stoßend (cm <sup>2</sup> ) | 2.01                | 3.14 | 4.91 | 8.04 | 12.56 | 19.63 |
| Kolbenkraft (daN)                       | stoßend bei 100 bar |      |      |      |       |       |
|                                         | 201                 | 314  | 491  | 804  | 1256  | 1963  |
|                                         | 160 bar             |      |      |      |       |       |
|                                         | 321                 | 502  | 785  | 1286 | 2010  | 3140  |
|                                         | 250 bar             |      |      |      |       |       |
|                                         | 502                 | 785  | 1227 | 2010 | 3140  | 4907  |
|                                         | 400 bar             |      |      |      |       |       |
|                                         | 804                 | 1256 | 1964 | 2316 | 5024  | 7852  |
| Federkraft (daN)                        | gespannt            |      |      |      |       |       |
|                                         | 12                  | 14   | 24   | 30   | 50    | 72    |
|                                         | vorgespannt         |      |      |      |       |       |
|                                         | 6                   | 7    | 12   | 15   | 25    | 36    |

## Montagearten



Bestellbeispiel: ZHSS 25-3

ZHSS 25-3 L7 = 10 mm

ZHSS 25-3 d1g = M35x1,5 L6 = 30 mm

## Allgemeine Baumaße

| Funktionsart | Typ       | Hub | L1  | L3   | Le | L5  | L6/L7                               | d1v | d1h-h8 | d1g     | d2-h7 | d2g | d3     |
|--------------|-----------|-----|-----|------|----|-----|-------------------------------------|-----|--------|---------|-------|-----|--------|
|              | ZHSS 16-1 | 4   | 45  | 13,5 | 10 | 2,5 | Länge L6 und L7 kann gewählt werden | 30  | 25     | M25x1,5 | 10    | M5  | G 1/8" |
|              | ZHSS 16-2 | 8   | 58  |      |    |     |                                     |     |        |         |       |     |        |
|              | ZHSS 20-1 | 5   | 50  | 15   | 10 | 3   |                                     | 36  | 30     | M30x1,5 | 12    | M5  | G 1/8" |
|              | ZHSS 20-2 | 10  | 68  |      |    |     |                                     |     |        |         |       |     |        |
|              | ZHSS 25-1 | 6   | 55  | 18   | 12 | 3   |                                     | 45  | 36     | M35x1,5 | 15    | M6  | G 1/4" |
|              | ZHSS 25-2 | 12  | 76  |      |    |     |                                     |     |        |         |       |     |        |
|              | ZHSS 32-1 | 8   | 63  | 20   | 16 | 4   |                                     | 55  | 45     | M45x1,5 | 20    | M8  | G 1/4" |
|              | ZHSS 32-2 | 16  | 91  |      |    |     |                                     |     |        |         |       |     |        |
|              | ZHSS 40-1 | 10  | 70  | 21   | 20 | 6   |                                     | 65  | 55     | M55x1,5 | 25    | M10 | G 1/4" |
|              | ZHSS 40-2 | 20  | 105 |      |    |     |                                     |     |        |         |       |     |        |
|              | ZHSS 50-1 | 12  | 78  | 24   | 24 | 6   |                                     | 82  | 70     | M70x2   | 32    | M12 | G 1/4" |
|              | ZHSS 50-2 | 24  | 120 |      |    |     |                                     |     |        |         |       |     |        |
|              | ZHSS 16-3 | 18  | 45  | 13,5 | 10 | 2,5 |                                     | 30  | 25     | M25x1,5 | 10    | M5  | G 1/8" |
|              | ZHSS 16-4 | 31  | 58  |      |    |     |                                     |     |        |         |       |     |        |
|              | ZHSS 20-3 | 20  | 50  | 15   | 10 | 3   |                                     | 36  | 30     | M30x1,5 | 12    | M5  | G 1/8" |
|              | ZHSS 20-4 | 38  | 68  |      |    |     |                                     |     |        |         |       |     |        |
|              | ZHSS 25-3 | 27  | 55  | 18   | 12 | 3   |                                     | 45  | 36     | M35x1,5 | 15    | M6  | G 1/4" |
|              | ZHSS 25-4 | 48  | 76  |      |    |     |                                     |     |        |         |       |     |        |
|              | ZHSS 32-3 | 28  | 63  | 20   | 16 | 4   |                                     | 55  | 45     | M45x1,5 | 20    | M8  | G 1/4" |
|              | ZHSS 32-4 | 56  | 91  |      |    |     |                                     |     |        |         |       |     |        |
|              | ZHSS 40-3 | 38  | 70  | 21   | 20 | 6   |                                     | 65  | 55     | M55x1,5 | 25    | M10 | G 1/4" |
|              | ZHSS 40-4 | 73  | 105 |      |    |     |                                     |     |        |         |       |     |        |
|              | ZHSS 50-3 | 40  | 78  | 24   | 24 | 6   |                                     | 82  | 70     | M70x2   | 32    | M12 | G 1/4" |
|              | ZHSS 50-4 | 82  | 120 |      |    |     |                                     |     |        |         |       |     |        |