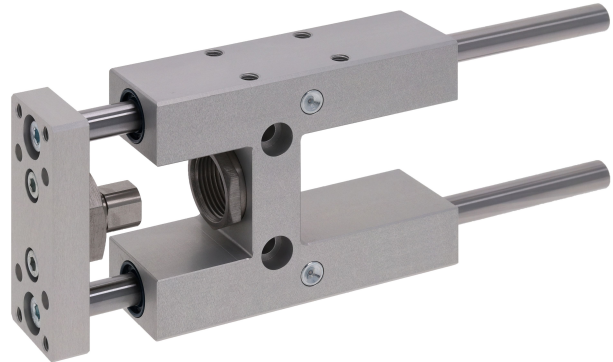


## AVENTICS Führungseinheiten



### Technische Daten

|                          |                   |
|--------------------------|-------------------|
| Branche                  | Industrie         |
| Kolben-Ø                 | 25 mm             |
| Hub                      | 400 mm            |
| Lagertyp                 | Linear-Kugellager |
| Für Normzylinder         | ISO 6432          |
| Umgebungstemperatur min. | -20 °C            |
| Umgebungstemperatur max. | 80 °C             |
| Gewicht 0 mm Hub         | 0.73 kg           |
| Gewicht +10 mm Hub       | 0.012 kg          |

### Werkstoff

|                                              |                            |
|----------------------------------------------|----------------------------|
| Lagergehäuse                                 | Aluminium                  |
| Oberfläche Lagergehäuse                      | farblos eloxiert           |
| Lagertyp                                     | Stahl, verchromt           |
| Trägerplatte                                 | Aluminium                  |
| Oberfläche Trägerplatte                      | farblos eloxiert           |
| Werkstoff Ausgleichskupplung in Trägerplatte | Nichtrostender Stahl       |
| Werkstoff Führungsstangen                    | gehärteter Vergütungsstahl |
| Materialnummer                               | 0821401313                 |



| Kolben-Ø | Material-nummer | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | D1    |
|----------|-----------------|----|----|----|----|----|----|----|----|-------|
| 12       | 0821401395      | 63 | 54 | 32 | 46 | 24 | 27 | 65 | 27 | 16 H7 |
| 20       | 0821401300      | 76 | 68 | 40 | 58 | 38 | 37 | 79 | 37 | 22 H7 |
| 25       | 0821401310      | 76 | 68 | 40 | 58 | 38 | 37 | 79 | 37 | 22 H7 |

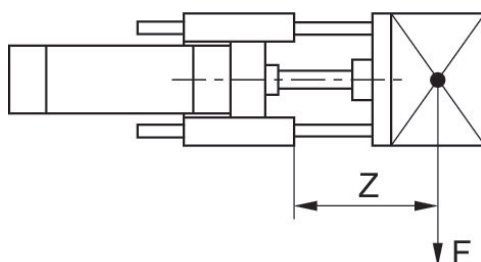
| Kolben-Ø | D2 | D3 | D4  | D5  | D6   | D7   | G1      | G2 | G3 | KK       |
|----------|----|----|-----|-----|------|------|---------|----|----|----------|
| 12       | 8  | –  | 5.5 | 4.5 | 8    | 10   | M16x1,5 | M4 | M4 | M6       |
| 20       | 10 | 11 | 6.6 | 5.5 | 10.5 | 14.5 | M22x1,5 | M5 | M6 | M8       |
| 25       | 10 | 11 | 6.6 | 5.5 | 10.5 | 14.5 | M22x1,5 | M5 | M6 | M10x1,25 |

| Kolben-Ø | L1 | L2 | L3   | L4 | L5  | L6 | L7 | L8 | L9   | L10 |
|----------|----|----|------|----|-----|----|----|----|------|-----|
| 12       | 27 | 15 | 32.5 | 11 | 6.5 | 37 | 13 | 3  | 52.6 | 51  |
| 20       | 32 | 20 | 32.5 | 15 | 8.5 | 58 | 17 | 3  | 71   | 65  |
| 25       | 32 | 20 | 32.5 | 15 | 8.5 | 58 | 17 | 3  | 76   | 65  |

| Kolben-Ø | L11   | L12 | L13 | L14 | L15 | L16 | L17 | SW1 | SW2 | SW3 |
|----------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 12       | 133   | 10  | 75  | 30  | 22  | 7   | 18  | 19  | 8   | 4   |
| 20       | 160.5 | 12  | 108 | 34  | 23  | 6   | 22  | 27  | 13  | 5   |
| 25       | 160.5 | 12  | 108 | 34  | 23  | 6   | 17  | 27  | 13  | 5   |

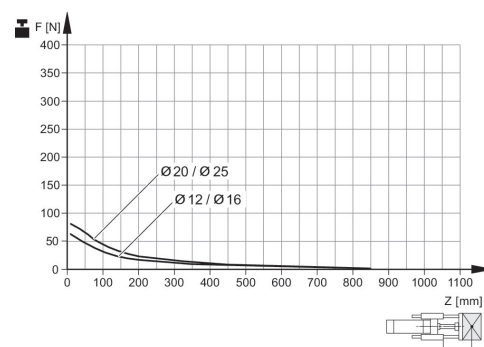
| Kolben-Ø | T1   | T2 | T3  | T4 |
|----------|------|----|-----|----|
| 12       | 10.6 | –  | 4.6 | 8  |
| 20       | 11   | 7  | 5.7 | 14 |
| 25       | 11   | 7  | 5.7 | 14 |

## Nutzlast



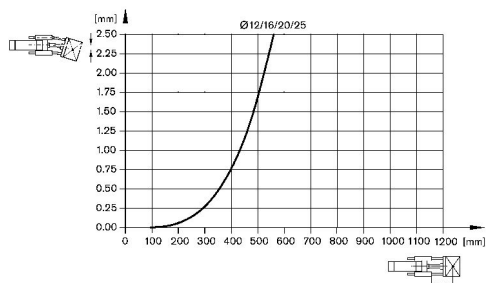
F = Nutzlast, Z = Auskrugung

## Nutzlast



Lebensdauer  $5 \times 10^6$  m  
F = Nutzlast, Z = Auskrugung

## Durchbiegung durch Eigenlast



## Durchbiegung durch Last 10 N

