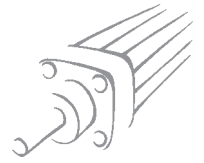


KURZHUB- ZYLINDER SERIE SSCY, Ø 12-100 mm UND ZUBEHÖR



1

Die Kurzhubzylinder sind für die Installation in beengten Räumen entwickelt:

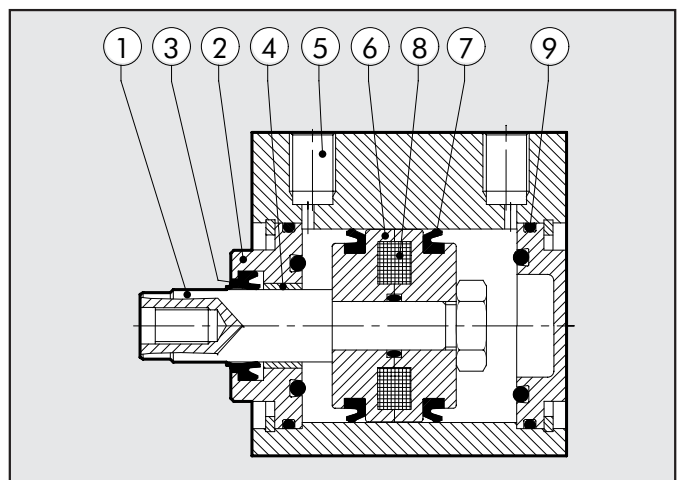
- Konfiguration mit oder ohne Magnet
- einfach oder doppeltwirkend - einfach oder durchgehende Kolbenstange
- verdrehgesicherte Version und mit Befestigungsteilen
- NBR, POLYURETHANE oder Viton® Dichtungen
- Spezialausführung auf Anfrage.



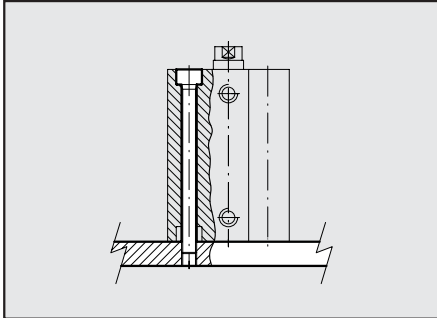
| TECHNISCHE DATEN | Polyurethan | NBR | Viton® | Tiefemperatur |
|--------------------------------------|---|---|------------------------------|---------------|
| Betriebsdruck | max 10 bar (max 1 MPa - 145 psi) | | | |
| Temperaturbereich | -10°C - +80°C | -10°C - +80°C | -10°C - +150°C (ohne Magnet) | -35°C - +80°C |
| Medium | gefilterte und geölte, bzw. ölfreie Luft, bei geölter Luft auf Kontinuität achten. | | | |
| Durchmesser | Ø 12 ; Ø 16 ; Ø 20 ; Ø 25 ; Ø 32 ; Ø 40 ; Ø 50 ; Ø 63 ; Ø 80 ; Ø 100 | | | |
| Konstruktion | Profilrohr | | | |
| Standardhübe | Doppeltwirkend: | Ø 12 - Ø 25, Hub 5 - 50 mm Ø 32 - Ø 40, Hub 5 - 70 mm Ø 50 - Ø 63, Hub 5 - 110 mm Ø 80 - Ø 100, Hub 5 - 150 mm | | |
| | Einfachwirkend: | Ø 12 - Ø 25, Hub 5 - 25 mm Ø 32 - Ø 63, Hub 5 - 50 mm | | |
| | Verdrehgesichert: | Ø 12 - Ø 63, Hub 5 - 120 mm Ø 80 - Ø 100, Hub 5 - 150 mm | | |
| | hohle Kolbenstange:: | Ø 20 - Ø 40, Hub 5 - 100 mm Ø 50 - Ø 63, Hub 5 - 130 mm Ø 80 - Ø 100, Hub 5 - 165 mm | | |
| Versionen | Doppeltwirkend , Doppeltwirkend durchgehende Kolbenstange, Einfachwirkend Feder kopfseitig / deckelseitig , Einfachwirkend durchgehende Kolbenstange, Hohle durchgehende Kolbenstange, Verdrehgesichert , Mit Gabelbefestigung , Mit Zapfenbefestigung. | | | |
| Magnet für Sensoren | Alle Versionen sind mit Magnet. Versionen ohne Magnet auf Anfrage. | | | |
| Ansprechdruck | Ø 12 - Ø 32: 0.6 bar - Ø 40 - Ø 100: 0.4 bar | | | |
| Kraftentwicklung bei 6 bar Schub/Zug | ALLGEMEINE TECHNISCHE DATEN SEITE 1.1/04 | | | |
| Gewichte | ALLGEMEINE TECHNISCHE DATEN SEITE 1.1/06 | | | |
| Hinweis | Für die Non-Stick-Slip-Version darf nur ungeölte Luft verwendet werden. | | | |

KOMPONENTEN

- ① KOLBENSTANGE: C45 Stahl hartverchromt oder Edelstahl
- ② KOPF:
Ø 12 - 25 lackiertes OT58 Messing
Ø 32 - 100 lackiertes Aluminium
- ③ KOLBENSTANGENDICHTUNG:
Ø 12 - 63 SFR (PARKER PRADIFA) NBR oder Viton®
Ø 80 - 100 Polyurethane (PARKER PRADIFA), NBR oder Viton®
- ④ FÜHRUNGSBUCHSE: Stahlband mit Bronze und PTFE
- ⑤ ROHR: gezogene Aluminiumlegierung eloxiert
- ⑥ KOLBEN:
Ø 12 - 63 Acetal-Kunstharz
Ø 80 - 100 in Aluminium mit PTFE Gleitring
- ⑦ KOLBENDICHTUNG:
Ø 12 - 63 Polyurethane (PARKER PRADIFA), NBR oder Viton®
Ø 80 - 100 SFR (PARKER PRADIFA) NBR oder Viton®
- ⑧ MAGNET: Ø 12 - 25 in Neodymium - Ø 63 - 100 in plastoferrite
- ⑨ STATISCHE O-RINGE: NBR oder Viton®

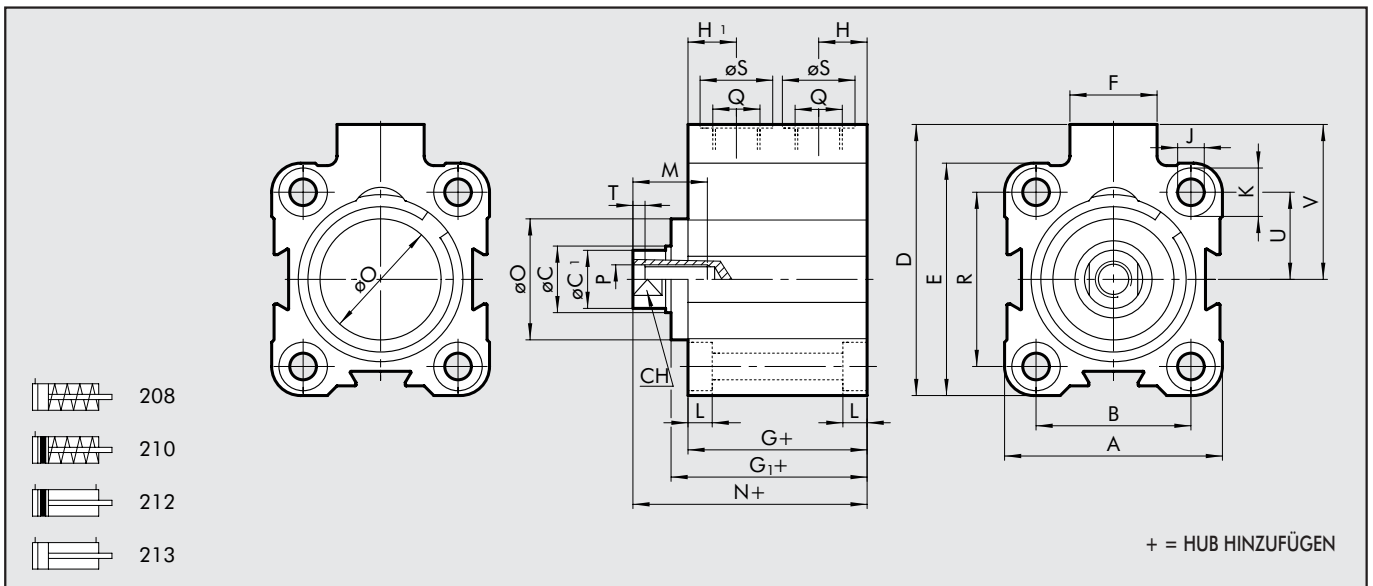


BEFESTIGUNG VON KURZHUB-ZYLINDERN SSC



Direktbefestigung von oben mit langen, durchgehenden Schrauben oder mit Zugstangen. Es muss nichtmagnetischer Edelstahl verwendet werden (z.B. V2A, AISI304).

ABMESSUNGEN DER STANDARDAUSFÜHRUNGEN

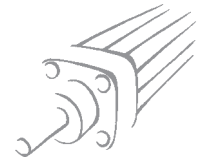


AUSFÜHRUNG DOPPELTWIRKEND

| Ø | A | B | øC | øC ₁ | D | E | F | G | G ₁ | H | H ₁ | J | K | L | M | N | øO | P | Q | R | øS | CH | T | U | V |
|-----|------|-----|----|-----------------|------|------|----|------|----------------|-----|----------------|-----|-----|-----|----|------|----|-----|------|-----|----|----|-----|------|------|
| 12 | 23.5 | 13 | 6 | 5.5 | 28 | 26 | 11 | 32.5 | | 6.5 | 10.5 | 3.7 | 6 | 3.7 | 7 | 38 | M3 | M5 | | 8 | 5 | 2 | 9.5 | 16.5 | |
| 16 | 28 | 20 | 8 | 7.5 | 33 | 28 | 11 | 33 | | 6.7 | 10.5 | 3.7 | 6 | 3.7 | 10 | 37.5 | M5 | M5 | 20 | 8 | 7 | 2 | 10 | 19 | |
| 20 | 32 | 22 | 10 | 9 | 37 | 32 | 11 | 32 | | 6.5 | 10.5 | 4.6 | 7.5 | 4.6 | 10 | 36.5 | M5 | M5 | 22 | 8 | 8 | 2 | 11 | 21 | |
| 25 | 37 | 26 | 10 | 9 | 47.5 | 39 | 18 | 33 | 36.5 | 8.5 | 8.5 | 4.6 | 7.5 | 4.6 | 10 | 42.5 | 20 | M5 | G1/8 | 28 | 15 | 8 | 2 | 14 | 28 |
| 32 | 45 | 32 | 12 | 11 | 56 | 48 | 18 | 37 | 40.8 | 10 | 10 | 5.5 | 10 | 5.7 | 15 | 48.3 | 25 | M6 | G1/8 | 36 | 15 | 10 | 2.5 | 18 | 32 |
| 40 | 54.5 | 40 | 12 | 11 | 62.7 | 54.5 | 18 | 39.5 | 44.7 | 10 | 10 | 5.5 | 10 | 5.7 | 15 | 53.2 | 30 | M6 | G1/8 | 40 | 15 | 10 | 2.5 | 20 | 35.5 |
| 50 | 66 | 50 | 16 | 15 | 73 | 66 | 18 | 39.5 | 46.2 | 11 | 11 | 6.6 | 11 | 6.8 | 18 | 53.2 | 35 | M8 | G1/8 | 50 | 15 | 13 | 3.5 | 25 | 40 |
| 63 | 80 | 62 | 16 | 15 | 88 | 80 | 23 | 42 | 48.7 | 12 | 12 | 9 | 15 | 9 | 18 | 57.7 | 35 | M8 | G1/8 | 62 | 15 | 13 | 3.5 | 31 | 48 |
| 80 | 100 | 82 | 20 | 19 | 110 | 100 | 26 | 57 | 67.2 | 14 | 14 | 9 | 15 | 9 | 18 | 75.2 | 44 | M10 | G1/4 | 82 | 19 | 17 | 4 | 41 | 60 |
| 100 | 124 | 103 | 25 | 24 | 134 | 124 | 26 | 64 | 74.7 | 15 | 15 | 11 | 18 | 11 | 20 | 84.3 | 56 | M12 | G1/4 | 103 | 19 | 22 | 5 | 51.5 | 72 |

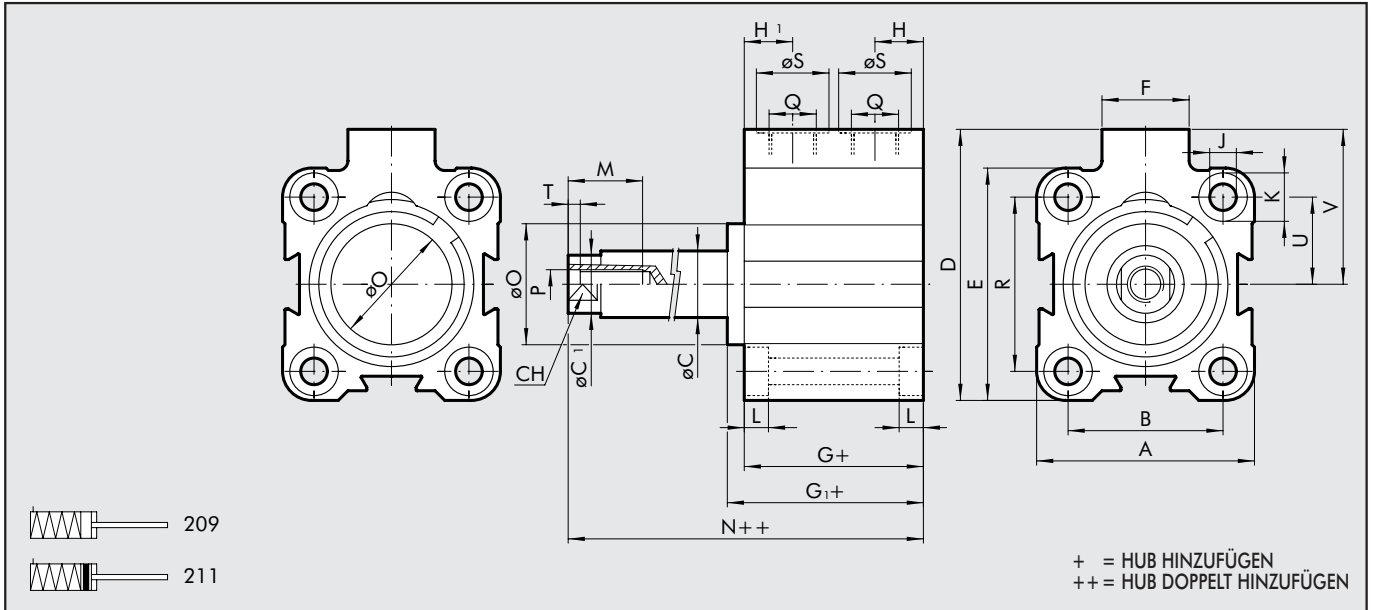
AUSFÜHRUNG EINFACHWIRKEND, FEDER AN DER KOLBENSTANGENSEITE

| Ø | Hub | A | B | øC | øC ₁ | D | E | F | G | G ₁ | H | H ₁ | J | K | L | M | N | øO | P | Q | R | øS | CH | T | U | V |
|----|--------|------|----|----|-----------------|------|------|----|------|----------------|-----|----------------|-----|-----|-----|----|------|----|----|------|----|----|----|-----|-----|------|
| 12 | 5÷25 | 23.5 | 13 | 6 | 5.5 | 28 | 26 | 11 | 32.5 | | 6.5 | 10.5 | 3.7 | 6 | 3.7 | 7 | 38 | | M3 | M5 | | 8 | 5 | 2 | 9.5 | 16.5 |
| 16 | 5÷25 | 28 | 20 | 8 | 7.5 | 33 | 28 | 11 | 33 | | 6.7 | 10.5 | 3.7 | 6 | 3.7 | 10 | 37.5 | | M5 | M5 | 20 | 8 | 7 | 2 | 10 | 19 |
| 20 | 5÷25 | 32 | 22 | 10 | 9 | 37 | 32 | 11 | 32 | | 6.5 | 10.5 | 4.6 | 7.5 | 4.6 | 10 | 36.5 | | M5 | M5 | 22 | 8 | 8 | 2 | 11 | 21 |
| 25 | 5÷25 | 37 | 26 | 10 | 9 | 47.5 | 39 | 18 | 33 | 36.5 | 8.5 | 8.5 | 4.6 | 7.5 | 4.6 | 10 | 42.5 | 20 | M5 | G1/8 | 28 | 15 | 8 | 2 | 14 | 28 |
| 32 | 5÷25 | 45 | 32 | 12 | 11 | 56 | 48 | 18 | 37 | 40.8 | 10 | 10 | 5.5 | 10 | 5.7 | 15 | 48.3 | 25 | M6 | G1/8 | 36 | 15 | 10 | 2.5 | 18 | 32 |
| | >25÷50 | | | | | | | | 45 | 48.8 | | | | | | | 56.3 | | | | | | | | | |
| 40 | 5÷25 | 54.5 | 40 | 12 | 11 | 62.7 | 54.5 | 18 | 39.5 | 44.7 | 10 | 10 | 5.5 | 10 | 5.7 | 15 | 53.2 | 30 | M6 | G1/8 | 40 | 15 | 10 | 2.5 | 20 | 35.5 |
| | >25÷50 | | | | | | | | 47.5 | 52.7 | | | | | | | 61.2 | | | | | | | | | |
| 50 | 5÷25 | 66 | 50 | 16 | 15 | 73 | 66 | 18 | 39.5 | 46.2 | 11 | 11 | 6.6 | 11 | 6.8 | 18 | 53.2 | 35 | M8 | G1/8 | 50 | 15 | 13 | 3.5 | 25 | 40 |
| | >25÷50 | | | | | | | | 47.5 | 54.2 | | | | | | | 61.2 | | | | | | | | | |
| 63 | 5÷25 | 80 | 62 | 16 | 15 | 88 | 80 | 23 | 42 | 48.7 | 12 | 12 | 9 | 15 | 9 | 18 | 57.7 | 35 | M8 | G1/8 | 62 | 15 | 13 | 3.5 | 31 | 48 |
| | >25÷50 | | | | | | | | 50 | 56.7 | | | | | | | 65.7 | | | | | | | | | |



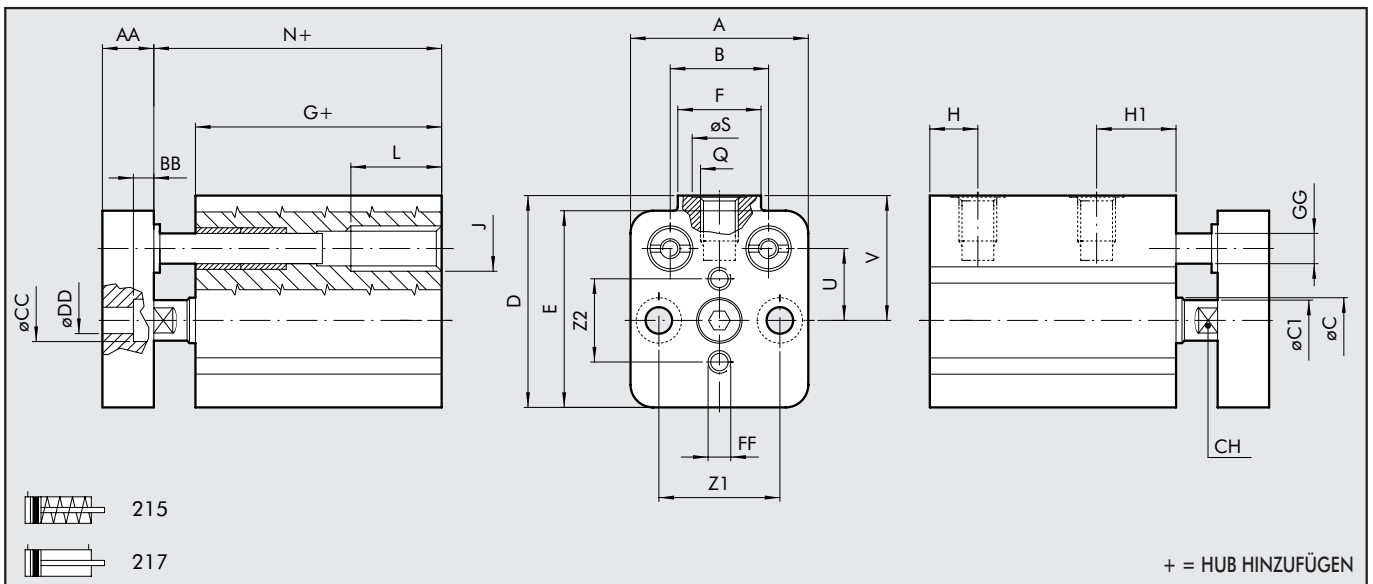
ABMESSUNGEN EINFACHWIRKEND - KOLBENSTANGE AUSGEFAHREN

1



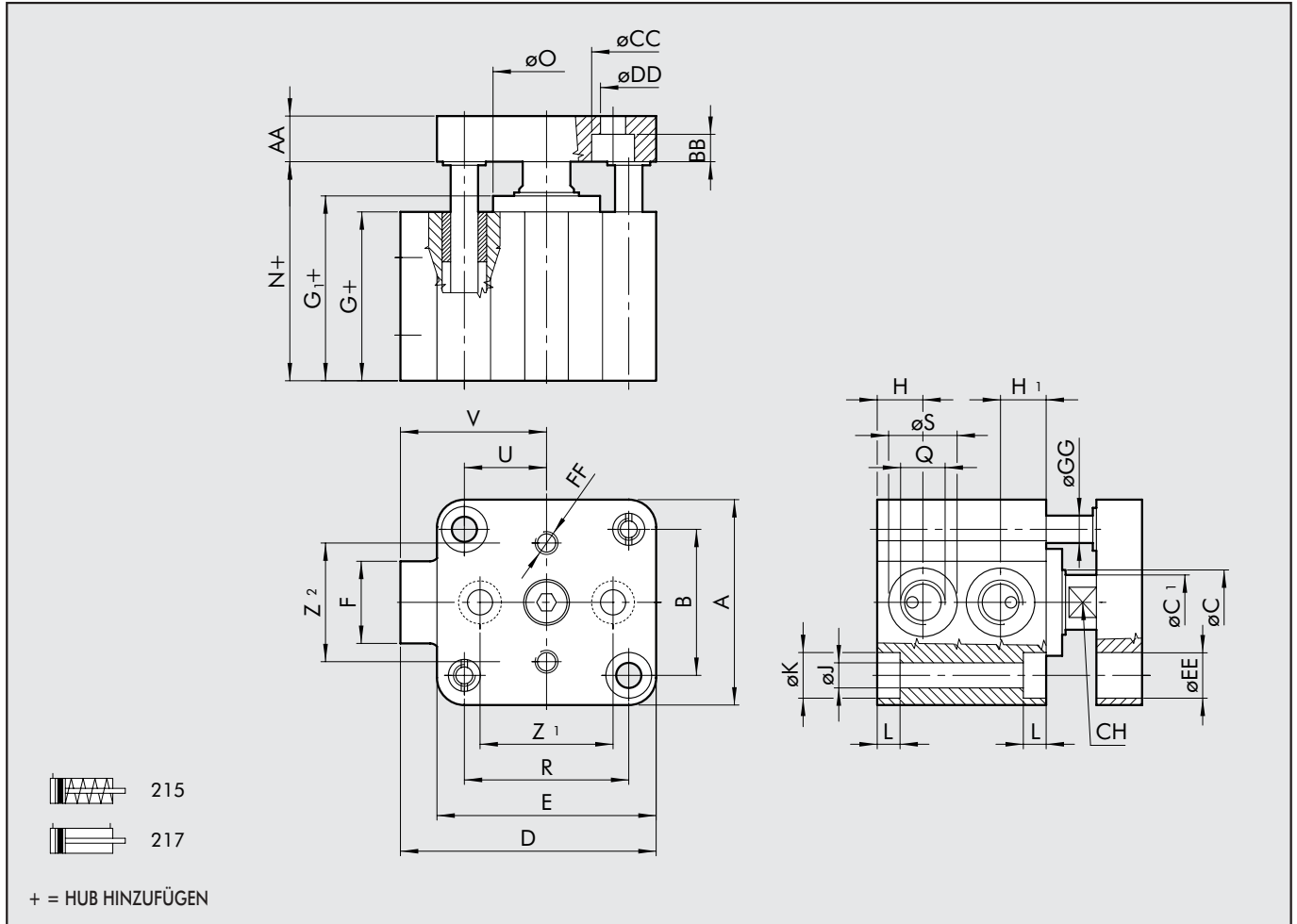
| Ø | Hub | A | B | øC | øC ₁ | D | E | F | G | G ₁ | H | H ₁ | J | K | L | M | N | øO | P | Q | R | øS | CH | T | U | V | |
|----|--------|------|----|----|-----------------|------|------|----|------|----------------|-----|----------------|-----|-----|-----|----|------|----|----|------|----|----|----|-----|------|----|------|
| 12 | 5÷25 | 23.5 | 13 | 6 | 5.5 | 28 | 26 | 11 | 32.5 | | 6.5 | 10.5 | 3.7 | 6 | 3.7 | 7 | 38 | M3 | M5 | | 8 | 5 | 2 | 9.5 | 16.5 | | |
| 16 | 5÷25 | 28 | 20 | 8 | 7.5 | 33 | 28 | 11 | 33 | | 6.7 | 10.5 | 3.7 | 6 | 3.7 | 10 | 37.5 | M5 | M5 | | 20 | 8 | 7 | 2 | 10 | 19 | |
| 20 | 5÷25 | 32 | 22 | 10 | 9 | 37 | 32 | 11 | 32 | | 6.5 | 10.5 | 4.6 | 7.5 | 4.6 | 10 | 36.5 | M5 | M5 | | 22 | 8 | 8 | 2 | 11 | 21 | |
| 25 | 5÷25 | 37 | 26 | 10 | 9 | 47.5 | 39 | 18 | 33 | 36.5 | 8.5 | 8.5 | 4.6 | 7.5 | 4.6 | 10 | 42.5 | 20 | M5 | G1/8 | | 28 | 15 | 8 | 2 | 14 | 28 |
| 32 | 5÷25 | 45 | 32 | 12 | 11 | 56 | 48 | 18 | 37 | 40.8 | 10 | 10 | 5.5 | 10 | 5.7 | 15 | 48.3 | 25 | M6 | G1/8 | | 36 | 15 | 10 | 2.5 | 18 | 32 |
| | >25÷50 | | | | | | | | 45 | 48.8 | | | | | | | 56.3 | | | | | | | | | | |
| 40 | 5÷25 | 54.5 | 40 | 12 | 11 | 62.7 | 54.5 | 18 | 39.5 | 44.7 | 10 | 10 | 5.5 | 10 | 5.7 | 15 | 53.2 | 30 | M6 | G1/8 | | 40 | 15 | 10 | 2.5 | 20 | 35.5 |
| | >25÷50 | | | | | | | | 47.5 | 52.7 | | | | | | | 61.2 | | | | | | | | | | |
| 50 | 5÷25 | 66 | 50 | 16 | 15 | 73 | 66 | 18 | 39.5 | 46.2 | 11 | 11 | 6.6 | 11 | 6.8 | 18 | 53.2 | 35 | M8 | G1/8 | | 50 | 15 | 13 | 3.5 | 25 | 40 |
| | >25÷50 | | | | | | | | 47.5 | 54.2 | | | | | | | 61.2 | | | | | | | | | | |
| 63 | 5÷25 | 80 | 62 | 16 | 15 | 88 | 80 | 23 | 42 | 48.7 | 12 | 12 | 9 | 15 | 9 | 18 | 57.7 | 35 | M8 | G1/8 | | 62 | 15 | 13 | 3.5 | 31 | 48 |
| | >25÷50 | | | | | | | | 50 | 56.7 | | | | | | | 65.7 | | | | | | | | | | |

ABMESSUNGEN Ø 12 VERDREHGESICHERT



| Ø | A | B | øC | øC ₁ | D | E | F | G | H | H ₁ | J | L | N | Z ₁ | Z ₂ | Q | øS | U | V | AA | BB | øCC | øDD | FF | øGG |
|----|------|----|----|-----------------|----|----|----|------|-----|----------------|----|----|----|----------------|----------------|----|----|-----|------|----|-----|-----|-----|----|-----|
| 12 | 23.5 | 13 | 6 | 5.5 | 28 | 26 | 11 | 32.5 | 6.5 | 10.5 | M6 | 12 | 38 | 16 | 11 | M5 | 8 | 9.5 | 16.5 | 8 | 3.5 | 6 | 3.5 | M3 | 4 |

ABMESSUNGEN Ø 16 BIS 100 VERDREHGESICHERT

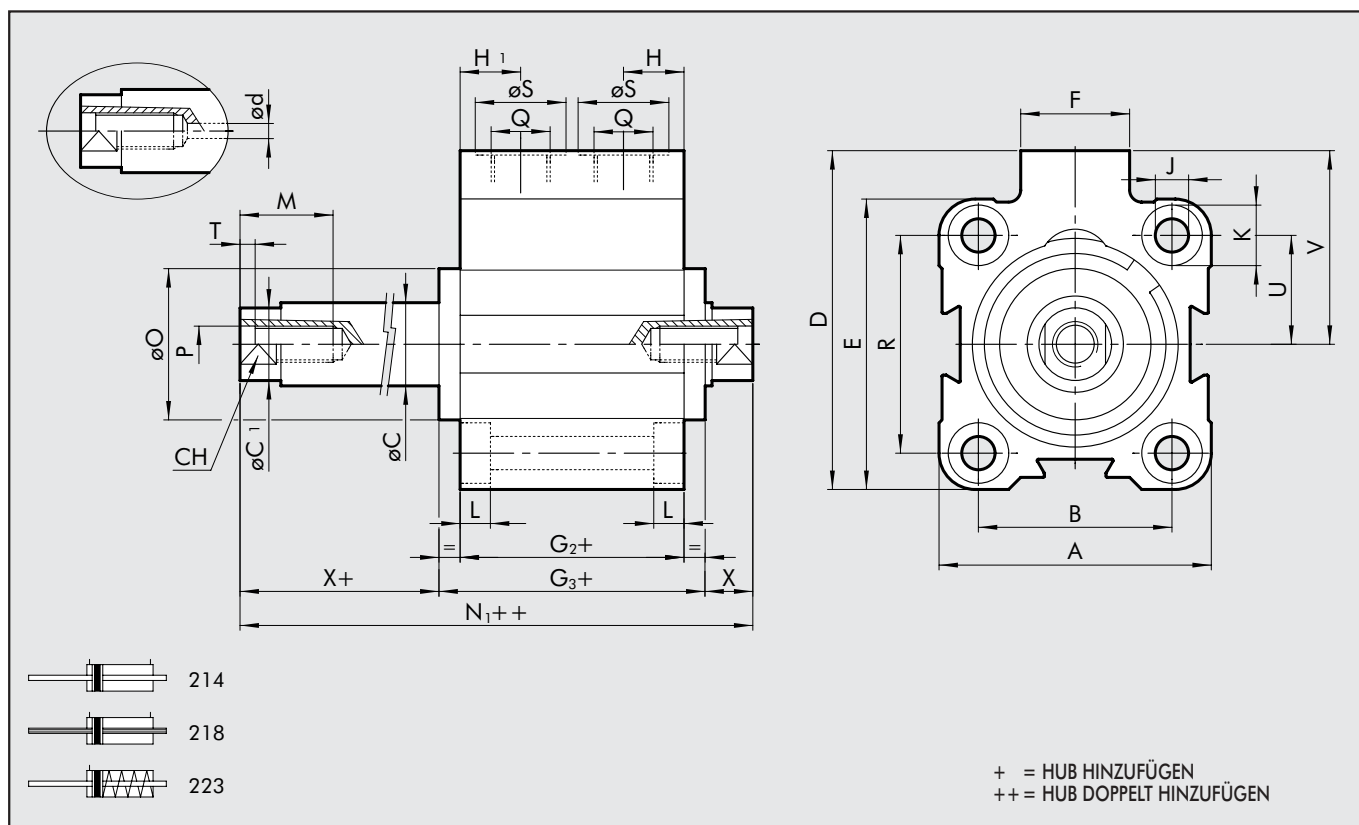


| Ø | A | B | øC | øC ₁ | D | E | F | G | G ₁ | H | H ₁ | J | K | L | N | Z ₁ | Z ₂ | Q | R | øS | CH | U |
|-----|------|-----|----|-----------------|------|------|----|------|----------------|-----|----------------|-----|-----|-----|------|----------------|----------------|------|-----|----|----|------|
| 16 | 28 | 20 | 8 | 7.5 | 33 | 28 | 11 | 33 | | 6.7 | 10.5 | 3.7 | 6 | 3.7 | 37.5 | 20 | 15 | M5 | 20 | 8 | 7 | 10 |
| 20 | 32 | 22 | 10 | 9 | 37 | 32 | 11 | 32 | | 6.5 | 10.5 | 4.6 | 7.5 | 4.6 | 36.5 | 22 | 18 | M5 | 22 | 8 | 8 | 11 |
| 25 | 37 | 26 | 10 | 9 | 47.5 | 39 | 18 | 33 | 36.5 | 8.5 | 8.5 | 4.6 | 7.5 | 4.6 | 42.5 | 22 | 22 | G1/8 | 28 | 15 | 8 | 14 |
| 32 | 45 | 32 | 12 | 11 | 56 | 48 | 18 | 37 | 40.8 | 10 | 10 | 5.5 | 10 | 5.7 | 48.3 | 26 | 26 | G1/8 | 36 | 15 | 10 | 18 |
| 40 | 54.5 | 40 | 12 | 11 | 62.7 | 54.5 | 18 | 39.5 | 44.7 | 10 | 10 | 5.5 | 10 | 5.7 | 53.2 | 34 | 34 | G1/8 | 40 | 15 | 10 | 20 |
| 50 | 66 | 50 | 16 | 15 | 73 | 66 | 18 | 39.5 | 46.2 | 11 | 11 | 6.6 | 11 | 6.8 | 53.2 | 43 | 43 | G1/8 | 50 | 15 | 13 | 25 |
| 63 | 80 | 62 | 16 | 15 | 88 | 80 | 23 | 42 | 48.7 | 12 | 12 | 9 | 15 | 9 | 57.7 | 55 | 55 | G1/8 | 62 | 15 | 13 | 31 |
| 80 | 100 | 82 | 20 | 19 | 110 | 100 | 26 | 57 | 67.2 | 14 | 14 | 9 | 15 | 9 | 75.2 | 70 | 70 | G1/4 | 82 | 19 | 17 | 41 |
| 100 | 124 | 103 | 25 | 24 | 134 | 124 | 26 | 64 | 74.7 | 15 | 15 | 11 | 18 | 11 | 84.3 | 94 | 94 | G1/4 | 103 | 19 | 22 | 51.5 |

| Ø | V | AA | BB | øCC | øDD | øEE | FF | øGG | øO |
|-----|------|----|-----|-----|-----|-----|----|-----|----|
| 16 | 19 | 8 | 3.5 | 6 | 3.5 | 6 | M3 | 4 | |
| 20 | 21 | 8 | 5 | 7.5 | 4.5 | 7.5 | M4 | 6 | |
| 25 | 28 | 8 | 5 | 7.5 | 4.5 | 8 | M4 | 6 | 20 |
| 32 | 32 | 10 | 6 | 10 | 5.5 | 10 | M5 | 8 | 25 |
| 40 | 35.5 | 10 | 6 | 10 | 5.5 | 10 | M5 | 8 | 30 |
| 50 | 40 | 12 | 7 | 11 | 6.5 | 11 | M6 | 10 | 35 |
| 63 | 48 | 12 | 9 | 14 | 9 | 15 | M6 | 10 | 35 |
| 80 | 60 | 14 | 9 | 14 | 9 | 15 | M8 | 12 | 44 |
| 100 | 72 | 17 | 9 | 14 | 9 | 18 | M8 | 12 | 56 |



ABMESSUNGEN MIT DURCHGEHENDER KOLBENSTANGE



ABMESSUNGEN DOPPELTWIRKEND, DURCHGEHENDE KOLBENSTANGE

| Ø | A | B | øC | øC ₁ | D | ød** | E | F | G ₂ | G ₃ | H | H ₁ | J | K | L | M | N ₁ | øO | P | Q | R | øS | CH | T | U | V | X* |
|-----|------|-----|----|-----------------|------|------|------|----|----------------|----------------|------|----------------|-----|-----|-----|----|----------------|----|-----|------|-----|----|----|-----|------|------|-----|
| 12 | 23.5 | 13 | 6 | 5.5 | 28 | | 26 | 11 | 36.7 | | 10.5 | 10.5 | 3.7 | 6 | 3.7 | 7 | 47.7 | M3 | M5 | | 8 | 5 | 2 | 9.5 | 16.5 | 5.5 | |
| 16 | 28 | 20 | 8 | 7.5 | 33 | | 28 | 11 | 36.8 | | 10.5 | 10.5 | 3.7 | 6 | 3.7 | 10 | 45.8 | M5 | M5 | 20 | 8 | 7 | 2 | 10 | 19 | 4.5 | |
| 20 | 32 | 22 | 10 | 9 | 37 | 1.5 | 32 | 11 | 36 | | 10.5 | 10.5 | 4.6 | 7.5 | 4.6 | 10 | 45.0 | M5 | M5 | 22 | 8 | 8 | 2 | 11 | 21 | 4.5 | |
| 25 | 37 | 26 | 10 | 9 | 47.5 | 1.5 | 39 | 18 | 35.7 | 42.7 | 8.5 | 8.5 | 4.6 | 7.5 | 4.6 | 10 | 54.7 | 20 | M5 | G1/8 | 28 | 15 | 8 | 2 | 14 | 28 | 6 |
| 32 | 45 | 32 | 12 | 11 | 56 | 2.5 | 48 | 18 | 37 | 44.5 | 10 | 10 | 5.5 | 10 | 5.7 | 15 | 59.5 | 25 | M6 | G1/8 | 36 | 15 | 10 | 2.5 | 18 | 32 | 7.5 |
| 40 | 54.5 | 40 | 12 | 11 | 62.7 | 2.5 | 54.5 | 18 | 39.5 | 49.9 | 10 | 10 | 5.5 | 10 | 5.7 | 15 | 66.9 | 30 | M6 | G1/8 | 40 | 15 | 10 | 2.5 | 20 | 35.5 | 8.5 |
| 50 | 66 | 50 | 16 | 15 | 73 | 2.5 | 66 | 18 | 39.5 | 52.9 | 11 | 11 | 6.6 | 11 | 6.8 | 18 | 66.9 | 35 | M8 | G1/8 | 50 | 15 | 13 | 3.5 | 25 | 40 | 7 |
| 63 | 80 | 62 | 16 | 15 | 88 | 4 | 80 | 23 | 42 | 55.4 | 12 | 12 | 9 | 15 | 9 | 18 | 73.4 | 35 | M8 | G1/8 | 62 | 15 | 13 | 3.5 | 31 | 48 | 9 |
| 80 | 100 | 82 | 20 | 19 | 110 | 5 | 100 | 26 | 57 | 77.4 | 14 | 14 | 9 | 15 | 9 | 18 | 93.4 | 44 | M10 | G1/4 | 82 | 19 | 17 | 4 | 41 | 60 | 8 |
| 100 | 124 | 103 | 25 | 24 | 134 | 6 | 124 | 26 | 64 | 85.4 | 15 | 15 | 11 | 18 | 11 | 20 | 104.6 | 56 | M12 | G1/4 | 103 | 19 | 22 | 5 | 51.5 | 72 | 9.6 |

*für Ø12, Ø16, Ø20: (N₁++) = (G₂+) + (X) + (X+)

**nur für durchbohrte durchgehende Kolbenstange

ABMESSUNGEN EINFACHWIRKEND DURCHGEHENDE KOLBENSTANGE

| Ø | Hub | A | B | øC | øC ₁ | D | E | F | G ₂ | G ₃ | H | H ₁ | J | K | L | M | N ₁ | øO | P | Q | R | øS | CH | T | U | V | X* |
|----|--------|------|----|----|-----------------|------|------|----|----------------|----------------|------|----------------|-----|-----|-----|----|----------------|----|----|------|----|----|----|-----|------|------|-----|
| 12 | 5÷25 | 23.5 | 13 | 6 | 5.5 | 28 | 26 | 11 | 36.7 | | 10.5 | 10.5 | 3.7 | 6 | 3.7 | 7 | 47.7 | M3 | M5 | | 8 | 5 | 2 | 9.5 | 16.5 | 5.5 | |
| 16 | 5÷25 | 28 | 20 | 8 | 7.5 | 33 | 28 | 11 | 36.8 | | 10.5 | 10.5 | 3.7 | 6 | 3.7 | 10 | 45.8 | M5 | M5 | 20 | 8 | 7 | 2 | 10 | 19 | 4.5 | |
| 20 | 5÷25 | 32 | 22 | 10 | 9 | 37 | 32 | 11 | 36 | | 10.5 | 10.5 | 4.6 | 7.5 | 4.6 | 10 | 45.0 | M5 | M5 | 22 | 8 | 8 | 2 | 11 | 21 | 4.5 | |
| 25 | 5÷25 | 37 | 26 | 10 | 9 | 47.5 | 39 | 18 | 35.7 | 42.7 | 8.5 | 8.5 | 4.6 | 7.5 | 4.6 | 10 | 57.7 | 20 | M5 | G1/8 | 28 | 15 | 8 | 2 | 14 | 28 | 6 |
| 32 | 5÷25 | 45 | 32 | 12 | 11 | 56 | 48 | 18 | 37 | 44.5 | 10 | 10 | 5.5 | 10 | 5.7 | 15 | 59.5 | 25 | M6 | G1/8 | 36 | 15 | 10 | 2.5 | 18 | 32 | 7.5 |
| | >25÷50 | | | | | | | | 45 | 52.5 | | | | | | | 67.5 | | | | | | | | | | 7.5 |
| 40 | 5÷25 | 54.5 | 40 | 12 | 11 | 62.7 | 54.5 | 18 | 39.5 | 49.9 | 10 | 10 | 5.5 | 10 | 5.7 | 15 | 66.9 | 30 | M6 | G1/8 | 40 | 15 | 10 | 2.5 | 20 | 35.5 | 8.5 |
| | >25÷50 | | | | | | | | 47.5 | 57.9 | | | | | | | 74.9 | | | | | | | | | | 8.5 |
| 50 | 5÷25 | 66 | 50 | 16 | 15 | 73 | 66 | 18 | 39.5 | 52.9 | 11 | 11 | 6.6 | 11 | 6.8 | 18 | 66.9 | 35 | M8 | G1/8 | 50 | 15 | 13 | 3.5 | 25 | 40 | 7 |
| | >25÷50 | | | | | | | | 47.5 | 60.9 | | | | | | | 74.9 | | | | | | | | | | 7 |
| 63 | 5÷25 | 80 | 62 | 16 | 15 | 88 | 80 | 23 | 42 | 55.4 | 12 | 12 | 9 | 15 | 9 | 18 | 73.4 | 35 | M8 | G1/8 | 62 | 15 | 13 | 3.5 | 31 | 48 | 9 |
| | >25÷50 | | | | | | | | 50 | 63.4 | | | | | | | 81.4 | | | | | | | | | | 9 |

*für Ø12, Ø16, Ø20: (N₁++) = (G₂+) + (X) + (X+)

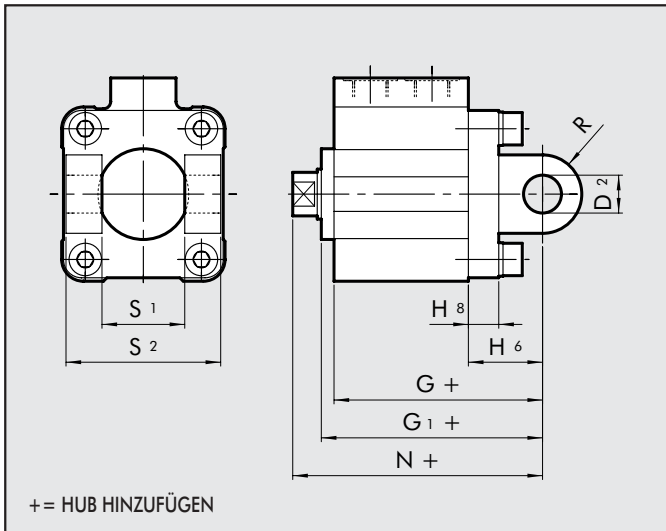
TYPENSCHLÜSSEL

| CIL | 2 | 1 | 2 | 0 | 4 | 0 | 0 | 0 | 1 | 0 | C | P |
|-----|---------------------------|------------------|--------------------------------|-------------|---------------|------|----------|---------------|---|-----------------------------------|---|-------------------------|
| | TYPE | | | DURCHMESSER | | HUB | | | | | | KONFIGURATION |
| 208 | Einfachw. | eingef. | Kolbenst., ohne Magnet | 0 | Magnet | 12 | Ø 12÷25 | Hub 5 ÷ 50 mm | C | Kolbenstange C40 hartverchromt | P | Polyurethane Dichtungen |
| 209 | Einfachw. | ausgef. | Kolbenst., ohne Magnet | S | Ohne Magnet | 16 | Ø 32÷40 | Hub 5 ÷ 70 mm | | Ø 12 - 63 mm | N | NBR Dichtungen |
| 210 | Einfachwirkend, | Feder | Kolbenstange | G | No stick slip | 20 | Ø 50÷63 | Hub 5÷110 mm | A | Kolbenstange C40 hartverchromt | V | Viton® Dichtungen |
| 211 | Einfachwirkend, | Feder | Kolbenstange | | | 25 | Ø 80÷100 | Hub 5÷150 mm | | Ø 80 - 100 mm | B | Tieftemperatur |
| 212 | Doppeltwirkend, | Magnet | | | | 32 | | | | | | |
| 213 | Doppeltwirkend, | ohne Magnet | | | | 40 | | | X | Edelstahlkolbenstange, Ø 12 - 63 | | |
| 214 | Doppeltwirkend, | durchgehende | Kolbenstange | | | 50 | | | | | | |
| 215 | Einfachwirkend, | Feder | Kolbenstange, verdrehgesichert | | | 63 | | | Z | Edelstahlkolbenstange, Ø 80 - 100 | | |
| 217 | Doppeltwirkend, | verdrehgesichert | | | | 80 | | | | | | |
| 218 | Doppeltwirkend, | durchbohrte | durchgehende Kolbenstange | | | 100* | | | | | | |
| 221 | 212 mit Zapfenbefestigung | (Ø 32 - Ø 63) | | | | | | | | | | |
| 222 | 212 mit Gabelbefestigung | (Ø 32 - Ø 63) | | | | | | | | | | |
| 223 | Einfachwirkend, | durchgehende | Kolbenstange | | | | | | | | | |

*Bei DIA100 wird bei einem Buchstaben an der 4. Stelle A1 geschrieben

SSCY ZYLINDER, 222 (GABELBEFESTIGUNG MOD. B)

Ø Hub D₂ G G₁ H₆ H₈ N R S₁ S₂

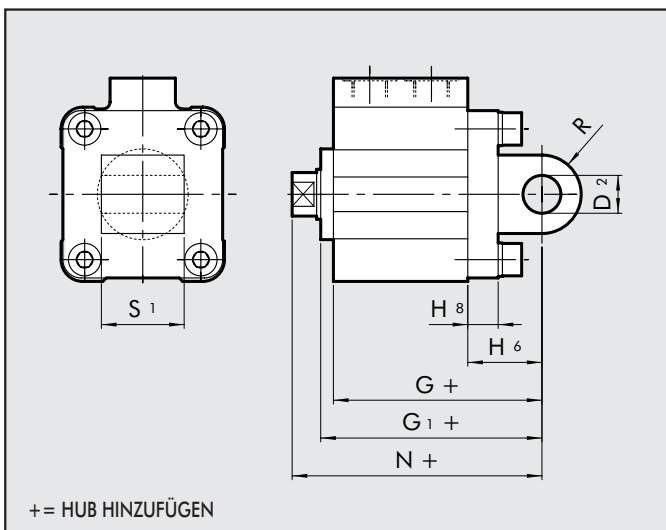


| | | | | | | | | | | |
|----|-------|----|------|------|----|----|------|----|----|----|
| 32 | 5÷70 | 10 | 59 | 62.8 | 22 | 10 | 70.3 | 11 | 26 | 45 |
| 40 | 5÷70 | 12 | 64.5 | 69.7 | 25 | 10 | 78.2 | 13 | 28 | 52 |
| 50 | 5÷110 | 12 | 66.5 | 73.2 | 27 | 12 | 80.2 | 13 | 32 | 60 |
| 63 | 5÷110 | 16 | 74 | 80.7 | 32 | 12 | 89.7 | 17 | 40 | 70 |

Hinweis: Andere Abmessungen siehe Standardausführung!

SSCY ZYLINDER, 221 (ZAPFENBEFESTIGUNG MOD. BA)

Ø Hub D₂ G G₁ H₆ H₈ N R S₁

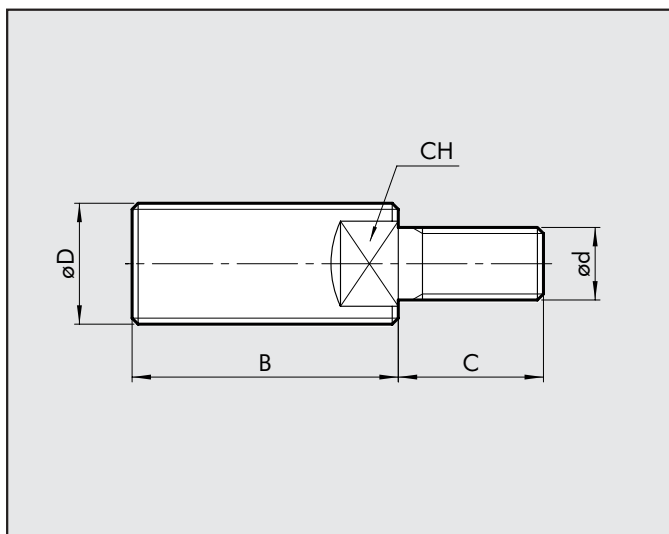


| | | | | | | | | | |
|----|-------|----|------|------|----|----|------|----|----|
| 32 | 5÷70 | 10 | 59 | 62.8 | 22 | 10 | 70.3 | 11 | 26 |
| 40 | 5÷70 | 12 | 64.5 | 69.7 | 25 | 10 | 78.2 | 13 | 28 |
| 50 | 5÷110 | 12 | 66.5 | 73.2 | 27 | 12 | 80.2 | 13 | 32 |
| 63 | 5÷110 | 16 | 74 | 80.7 | 32 | 12 | 89.7 | 17 | 40 |

Hinweis: Andere Abmessungen siehe Standardausführung!

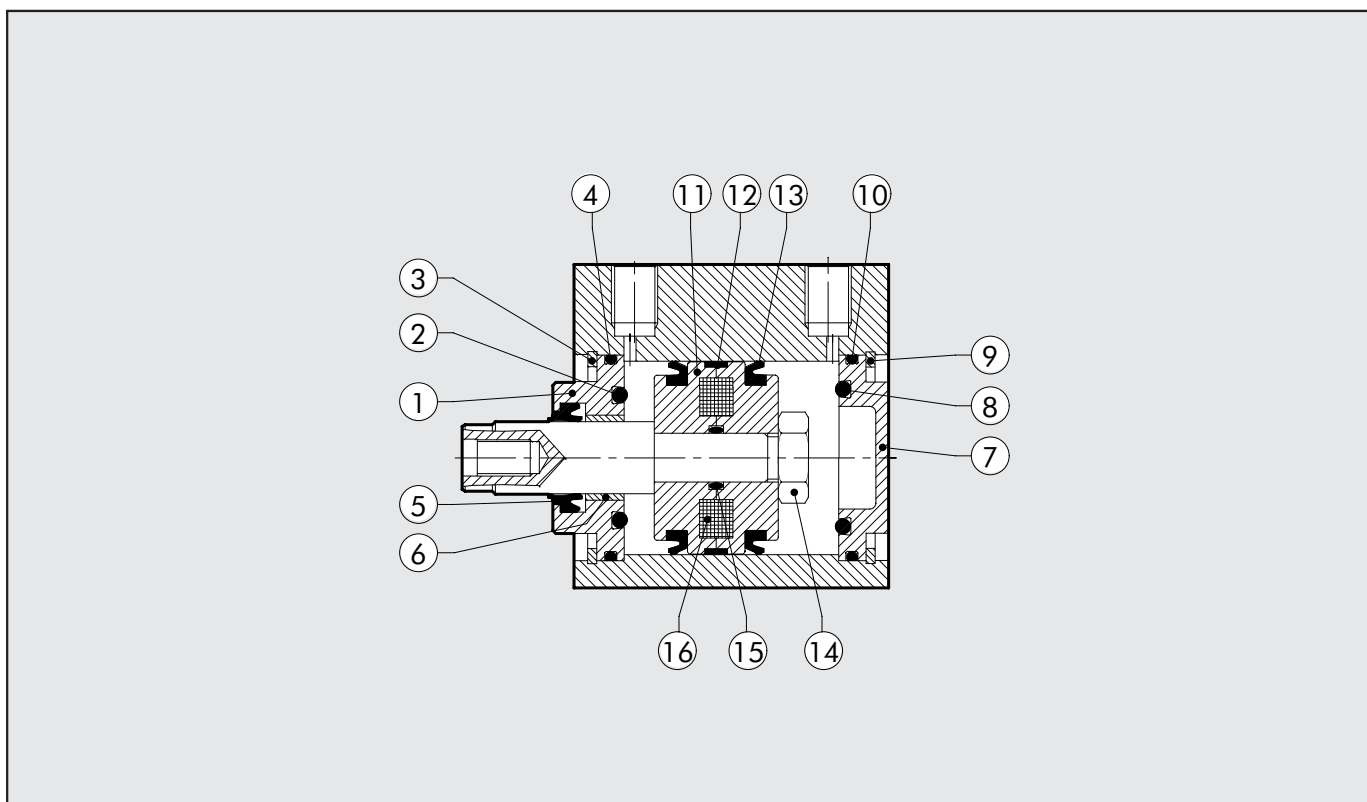


ABMESSUNGEN GEWINDENIPPEL FÜR KOLBENSTANGE Bestellnummer \varnothing $\varnothing D$ $\varnothing d$ B C CH Gewicht [g]



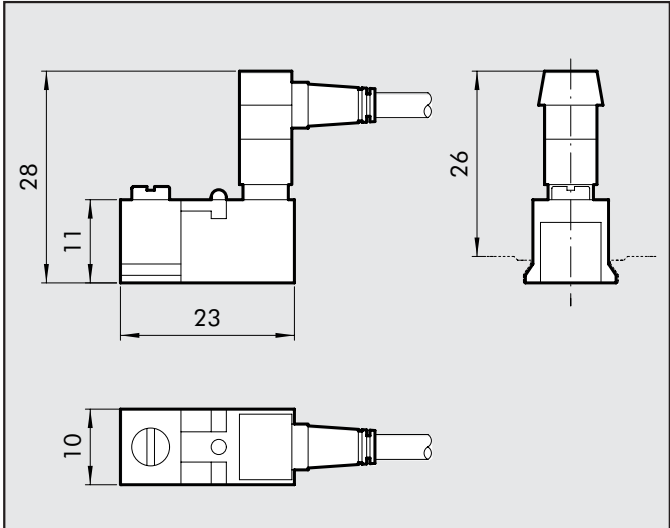
| | | | | | | | |
|-----------|-----|----------|-----|----|----|----|-----|
| 219001200 | 12 | M6 | M3 | 16 | 6 | 4 | 3 |
| 219001600 | 16 | M8 | M5 | 20 | 9 | 6 | 8 |
| 219001600 | 20 | M8 | M5 | 20 | 9 | 6 | 8 |
| 219002500 | 25 | M10x1.25 | M5 | 22 | 9 | 7 | 12 |
| 219003200 | 32 | M10x1.25 | M6 | 22 | 12 | 7 | 14 |
| 219004000 | 40 | M12x1.25 | M6 | 24 | 12 | 10 | 14 |
| 219005000 | 50 | M16x1.5 | M8 | 32 | 15 | 13 | 20 |
| 219005000 | 63 | M16x1.5 | M8 | 32 | 15 | 13 | 20 |
| 219008000 | 80 | M20x1.5 | M10 | 40 | 15 | 17 | 96 |
| 219010000 | 100 | M20x1.5 | M12 | 40 | 18 | 17 | 102 |

ERSATZTEILE FÜR SSCY



| Type | Teile | Durchmesser | Bestellnummer |
|---|-------------------------------------|----------------------|---------------|
| Komplett Polyurethane Kopfkit | 1-2-3-4-5-6 | \varnothing 12-100 | 009 ... 0010 |
| Komplett NBR Kopfkit | 1-2-3-4-5-6 | \varnothing 12-100 | 009 ... 0011 |
| Komplett NBR Deckelkit | 7-8-9-10 | \varnothing 12-100 | 009 ... 0015 |
| Komplett Polyurethane Kolbenkit | 11-12-13-14-15 | \varnothing 12-100 | 009 ... 0021 |
| Komplett NBR Kolbenkit | 11-12-13-14-15 | \varnothing 12-100 | 009 ... 0023 |
| Komplett Polyurethane Dichtungskit | 2-4-5-8-10-13-15 | \varnothing 12-100 | 009 ... 0005 |
| Komplett NBR Dichtungskit | 2-4-5-8-10-13-15 | \varnothing 12-100 | 009 ... 0006 |
| Komplett Polyurethane Kopf- Deckel -Kolbenkit | 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15 | \varnothing 12-100 | 009 ... 0031 |
| Komplett NBR Kopf- Deckel -Kolbenkit | 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15 | \varnothing 12-100 | 009 ... 0033 |
| Magnet | 16 | \varnothing 12-100 | 009 ... 0001 |

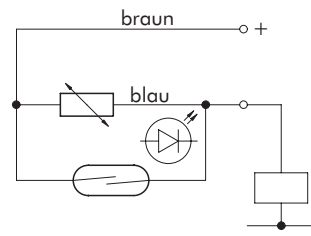
ZUBEHÖR: MAGNETSENSOREN

| | Bestellnummer | Version | Durchmesser | Type |
|---|---------------|--------------------------------------|-------------|---------------------------|
|  | W0950000252 | Reedschalter + Halter - CB | 12-100 | REED SENSOR DCB 2C-425 |
| | W0950000253 | Hall PNP - Schalter + Halter - CB | 12-100 | SENSOR HALL PNP DCB3-N225 |

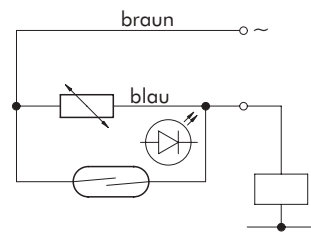
NÄHERUNGSSENSOREN – TECHNISCHE DATEN

| Type des Näherungsschalters | | REED+VARISTOR+LED 2-Draht REED+VARISTOR+LED NO | HALL VERSION PNP/NPN 3-Draht HALL EFFECT NO PNP/NPN |
|-----------------------------|-----------------|---|--|
| Spannung AC/DC | V | 3 bis 48 (DC): 3 bis 110 (AC) | 6-24 V DC |
| Maximalstrom bei 25°C | mA | 300 | 250 |
| Leistung mit indukt. Last | VA | 8 | - |
| Leistung mit ohmsch.Last | Watt | 15 | 6 |
| Ansprechzeit | m sec | 0.5 | 0.8 |
| Abfallzeit | m sec | 0.1 | 3 |
| Ansprechpunkt | Gauss | 110 | 15 |
| Abfallpunkt | Gauss | 60 | 8 |
| Lebensdauer | - | 10 ⁷ Impulse | 10 ⁹ Impulse |
| Kontaktwiderstand | Ω | 0.1 | - |
| Stecker-Kabellänge | m | 2.5 | 2.5 |
| Aderanschluss | mm ² | 0.35 | 0.35 |
| Kabel Material | | Soft PVC | Soft PVC |
| Anschlussbild | | | |

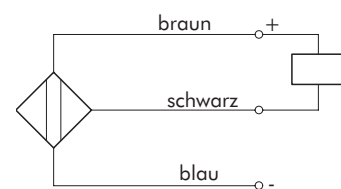
DC



AC



Version NPN



Version PNP

