

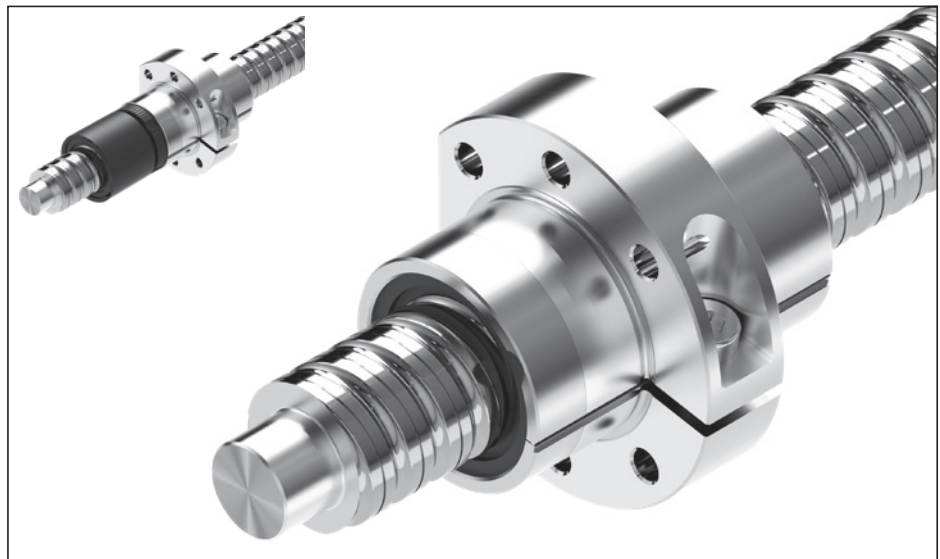
Spielfrei einstellbare Einzelmutter SEM-E-C

Anschlussmaße ähnlich
DIN 69 051, Teil 5
Flanschform C

Mit Dichtungen
Vorspannung einstellbar
Toleranzklasse T3², T5, T7

⚠ Beim Einrichten nicht gegen die
Vorsatzschmiereinheit fahren.

d_0 = Nenndurchmesser
P = Steigung (R = rechts)
 D_w = Kugeldurchmesser
i = Anzahl der Umläufe

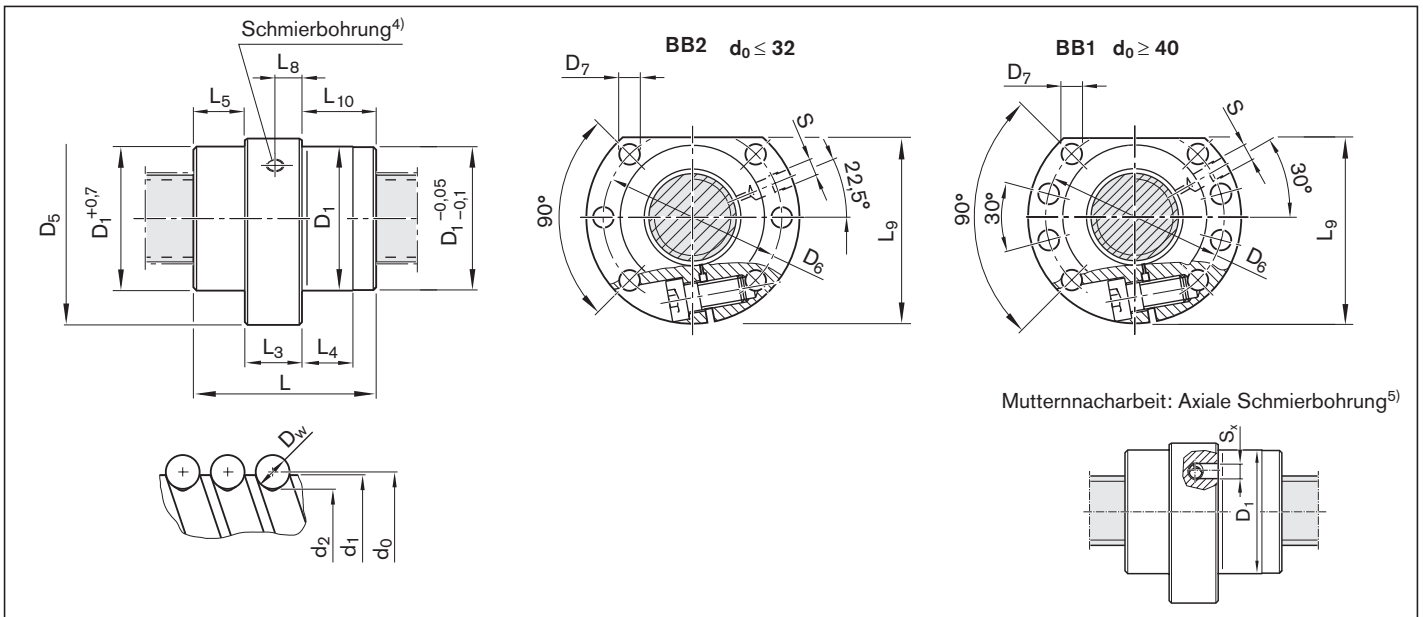


Bestellangaben:

| | | | | | | | | | | | | |
|------|-------------|-------------|----|---|---|----|---|--------|--------|------|---|---|
| BASA | 20 x 5R x 3 | SEM-E-C - 4 | 00 | 1 | 2 | T7 | R | 82Z120 | 41Z120 | 1250 | 0 | 1 |
|------|-------------|-------------|----|---|---|----|---|--------|--------|------|---|---|

| Kategorie | Größe $d_0 \times P \times D_w - i$ | Materialnummer | Tragzahlen ³⁾ | | Geschwindigkeit ¹⁾ v_{max} (m/min) | Zentrierdurchmesser D_1 nach dem Einstellen | |
|-----------|--|----------------|--------------------------|--------------------|---|--|-----------|
| | | | dyn. C (N) | stat. C_0 (N) | | min. (mm) | max. (mm) |
| B | 16 x 5R x 3 - 4 | R1512 010 55 | 14 800 | 16 100 | 30 | 27,940 | 27,975 |
| B | 16 x 10R x 3 - 3 | R1512 040 75 | 11 500 | 12 300 | 60 | 27,940 | 27,975 |
| B | 16 x 16R x 3 - 3 | R1512 060 55 | 11 200 | 12 000 | 96 | 27,950 | 27,978 |
| B | 20 x 5R x 3 - 4 | R1512 110 75 | 17 200 | 21 500 | 30 | 35,935 | 35,970 |
| B | 20 x 20R x 3,5 - 3 | R1512 170 55 | 16 000 | 18 800 | 120 | 35,945 | 35,973 |
| B | 25 x 5R x 3 - 4 | R1512 210 75 | 19 100 | 27 200 | 30 | 39,935 | 39,970 |
| B | 25 x 10R x 3 - 4 | R1512 240 75 | 18 800 | 27 000 | 60 | 39,935 | 39,970 |
| B | 25 x 25R x 3,5 - 3 | R1512 280 55 | 17 600 | 23 300 | 150 | 39,945 | 39,973 |
| B | 32 x 5R x 3,5 - 4 | R1512 310 75 | 25 900 | 40 000 | 23 | 49,935 | 49,970 |
| B | 32 x 10R x 3,969 - 5 | R1512 340 75 | 38 000 | 58 300 | 47 | 49,935 | 49,970 |
| B | 32 x 20R x 3,969 - 3 | R1512 370 55 | 23 600 | 33 700 | 94 | 49,945 | 49,973 |
| B | 32 x 32R x 3,969 - 3 | R1512 390 55 | 23 400 | 34 000 | 150 | 49,945 | 49,973 |
| B | 40 x 5R x 3,5 - 5 | R1512 410 75 | 34 900 | 64 100 | 19 | 62,931 | 62,966 |
| B | 40 x 10R x 6 - 4 | R1512 440 75 | 60 000 | 86 400 | 38 | 62,931 | 62,966 |
| C | 40 x 12R x 6 - 4 | R1512 450 55 | 59 900 | 86 200 | 45 | 62,931 | 62,966 |
| B | 40 x 20R x 6 - 3 | R1512 470 75 | 45 500 | 62 800 | 75 | 62,941 | 62,969 |
| B | 40 x 40R x 6 - 3 | R1512 490 55 | 44 400 | 62 300 | 150 | 62,941 | 62,969 |
| B | 50 x 5R x 3,5 - 5 | R1512 510 75 | 38 400 | 81 300 | 15 | 74,931 | 74,966 |
| B | 50 x 10R x 6 - 6 | R1512 540 75 | 95 600 | 166 500 | 30 | 74,931 | 74,966 |
| C | 50 x 12R x 6 - 6 | R1512 550 55 | 95 500 | 166 400 | 36 | 74,931 | 74,966 |
| B | 50 x 20R x 6,5 - 5 | R1512 570 76 | 90 800 | 149 700 | 60 | 74,941 | 74,969 |
| B | 50 x 40R x 6,5 - 3 | R1512 590 55 | 55 800 | 85 900 | 120 | 74,941 | 74,969 |
| B | 63 x 10R x 6 - 6 | R1512 640 75 | 106 600 | 214 300 | 24 | 89,926 | 89,961 |
| B | 63 x 20R x 6,5 - 5 | R1512 670 76 | 100 700 | 190 300 | 48 | 94,936 | 94,964 |
| B | 63 x 40R x 6,5 - 3 | R1512 690 55 | 64 100 | 114 100 | 95 | 94,936 | 94,964 |
| C | 80 x 10R x 6,5 - 6 | R1512 740 75 | 130 100 | 291 700 | 19 | 104,926 | 104,961 |
| C | 80 x 20R x 12,7 - 6 | R1512 770 56 | 315 200 | 534 200 | 30 | 124,931 | 124,959 |

- 1) Siehe „Drehzahlkennwert $d_0 \cdot n$ “ auf Seite 133 und „Kritische Drehzahl n_{cr} “ auf Seite 168
- 2) Toleranzklasse T3 für Größen nach Tabelle Seite 12
- 3) Die Tragzahlen sind nur gültig für Toleranzklasse T3 und T5.
Bei anderen Toleranzklassen bitte den Korrekturfaktor f_{ac} auf Seite 141 berücksichtigen.
- 4) Ausführung Schmieranschluss: Anflachung $L_3 \leq 15$ mm, Senkung $L_3 > 15$ mm
- 5) Die axiale Schmierbohrung S_x liegt immer auf dem Teilkreis D_6 der Muttereinheit.



Kugelgewindetriebe BASA

| Größe $d_0 \times P \times D_w - i$ | (mm) | | | | | | | | | | | | | | | | Masse m (kg) |
|--|-------|-------|-------------|-------|----------|-------|-------|-----|-------|-------|-------|-------|-------|----------|--------|-------|--------------------|
| | d_1 | d_2 | D_1 f9 | D_5 | Bohrbild | D_6 | D_7 | L | L_3 | L_4 | L_5 | L_8 | L_9 | L_{10} | $S^4)$ | S_x | |
| 16 x 5R x 3 - 4 | 15,0 | 12,9 | 28 | 48 | BB2 | 38 | 5,5 | 38 | 15 | 10 | 11,5 | 7,1 | 44,0 | 11,5 | M6 | 4 | 0,20 |
| 16 x 10R x 3 - 3 | 15,0 | 12,9 | 28 | 48 | BB2 | 38 | 5,5 | 45 | 15 | 15 | 15,0 | 11,0 | 44,0 | 15,0 | M6 | 4 | 0,22 |
| 16 x 16R x 3 - 3 | 15,0 | 12,9 | 28 | 48 | BB2 | 38 | 5,5 | 61 | 15 | 20 | 23,0 | 10,0 | 44,0 | 23,0 | M6 | 4 | 0,29 |
| 20 x 5R x 3 - 4 | 19,0 | 16,9 | 36 | 58 | BB2 | 47 | 6,6 | 40 | 15 | 10 | 12,5 | 7,1 | 51,0 | 12,5 | M6 | 4 | 0,33 |
| 20 x 20R x 3,5 - 3 | 19,0 | 16,7 | 36 | 58 | BB2 | 47 | 6,6 | 77 | 20 | 25 | 28,5 | 12,5 | 51,0 | 28,5 | M6 | 4 | 0,56 |
| 25 x 5R x 3 - 4 | 24,0 | 21,9 | 40 | 62 | BB2 | 51 | 6,6 | 45 | 20 | 10 | 12,5 | 9,5 | 55,0 | 12,5 | M6 | 4 | 0,43 |
| 25 x 10R x 3 - 4 | 24,0 | 21,9 | 40 | 62 | BB2 | 51 | 6,6 | 64 | 20 | 16 | 22,0 | 10,0 | 55,0 | 22,0 | M6 | 4 | 0,54 |
| 25 x 25R x 3,5 - 3 | 24,0 | 21,4 | 40 | 62 | BB2 | 51 | 6,6 | 95 | 25 | 30 | 35,0 | 14,0 | 55,0 | 35,0 | M6 | 4 | 0,77 |
| 32 x 5R x 3,5 - 4 | 31,0 | 28,4 | 50 | 80 | BB2 | 65 | 9,0 | 48 | 20 | 10 | 14,0 | 9,7 | 71,0 | 14,0 | M6 | 4 | 0,74 |
| 32 x 10R x 3,969 - 5 | 31,0 | 27,9 | 50 | 80 | BB2 | 65 | 9,0 | 77 | 20 | 16 | 28,5 | 12,5 | 71,0 | 28,5 | M6 | 4 | 0,97 |
| 32 x 20R x 3,969 - 3 | 31,0 | 27,9 | 50 | 80 | BB2 | 65 | 9,0 | 84 | 20 | 25 | 32,0 | 12,5 | 71,0 | 32,0 | M6 | 4 | 1,04 |
| 32 x 32R x 3,969 - 3 | 31,0 | 27,9 | 50 | 80 | BB2 | 65 | 9,0 | 120 | 20 | 40 | 50,0 | 12,5 | 71,0 | 50,0 | M6 | 4 | 1,34 |
| 40 x 5R x 3,5 - 5 | 39,0 | 36,4 | 63 | 93 | BB1 | 78 | 9,0 | 54 | 25 | 10 | 14,5 | 12,0 | 81,5 | 14,5 | M8x1 | 5 | 1,25 |
| 40 x 10R x 6 - 4 | 38,0 | 33,8 | 63 | 93 | BB1 | 78 | 9,0 | 70 | 25 | 16 | 22,5 | 11,8 | 81,5 | 22,5 | M8x1 | 5 | 1,39 |
| 40 x 12R x 6 - 4 | 38,0 | 33,8 | 63 | 93 | BB1 | 78 | 9,0 | 75 | 25 | 25 | 25,0 | 12,5 | 81,5 | 25,0 | M8x1 | 5 | 1,47 |
| 40 x 20R x 6 - 3 | 38,0 | 33,8 | 63 | 93 | BB1 | 78 | 9,0 | 88 | 25 | 25 | 31,5 | 16,5 | 81,5 | 31,5 | M8x1 | 5 | 1,55 |
| 40 x 40R x 6 - 3 | 38,0 | 33,8 | 63 | 93 | BB1 | 78 | 9,0 | 142 | 40 | 45 | 51,0 | 25,0 | 81,5 | 51,0 | M8x1 | 5 | 2,69 |
| 50 x 5R x 3,5 - 5 | 49,0 | 46,4 | 75 | 110 | BB1 | 93 | 11,0 | 54 | 25 | 10 | 14,5 | 12,0 | 97,5 | 14,5 | M8x1 | 5 | 1,67 |
| 50 x 10R x 6 - 6 | 48,0 | 43,8 | 75 | 110 | BB1 | 93 | 11,0 | 90 | 30 | 16 | 30,0 | 14,1 | 97,5 | 30,0 | M8x1 | 5 | 2,46 |
| 50 x 12R x 6 - 6 | 48,0 | 43,8 | 75 | 110 | BB1 | 93 | 11,0 | 105 | 30 | 25 | 37,5 | 15,0 | 97,5 | 37,5 | M8x1 | 5 | 2,69 |
| 50 x 20R x 6,5 - 5 | 48,0 | 43,4 | 75 | 110 | BB1 | 93 | 11,0 | 132 | 30 | 25 | 51,0 | 20,0 | 97,5 | 51,0 | M8x1 | 5 | 3,08 |
| 50 x 40R x 6,5 - 3 | 48,0 | 43,4 | 75 | 110 | BB1 | 93 | 11,0 | 149 | 30 | 45 | 59,5 | 18,0 | 97,5 | 59,5 | M8x1 | 5 | 3,39 |
| 63 x 10R x 6 - 6 | 61,0 | 56,8 | 90 | 125 | BB1 | 108 | 11,0 | 90 | 30 | 16 | 30,0 | 14,0 | 110,0 | 30,0 | M8x1 | 5 | 2,83 |
| 63 x 20R x 6,5 - 5 | 61,0 | 56,4 | 95 | 135 | BB1 | 115 | 13,5 | 132 | 30 | 25 | 51,0 | 20,0 | 117,5 | 51,0 | M8x1 | 5 | 4,86 |
| 63 x 40R x 6,5 - 3 | 61,0 | 56,4 | 95 | 135 | BB1 | 115 | 13,5 | 149 | 30 | 45 | 59,5 | 18,0 | 117,5 | 59,5 | M8x1 | 5 | 5,36 |
| 80 x 10R x 6,5 - 6 | 78,0 | 73,3 | 105 | 145 | BB1 | 125 | 13,5 | 95 | 30 | 16 | 32,5 | 14,0 | 127,5 | 32,5 | M8x1 | 5 | 3,73 |
| 80 x 20R x 12,7 - 6 | 76,0 | 67,0 | 125 | 165 | BB1 | 145 | 13,5 | 170 | 50 | 25 | 60,0 | 24,0 | 147,5 | 60,0 | M8x1 | 5 | 13,50 |