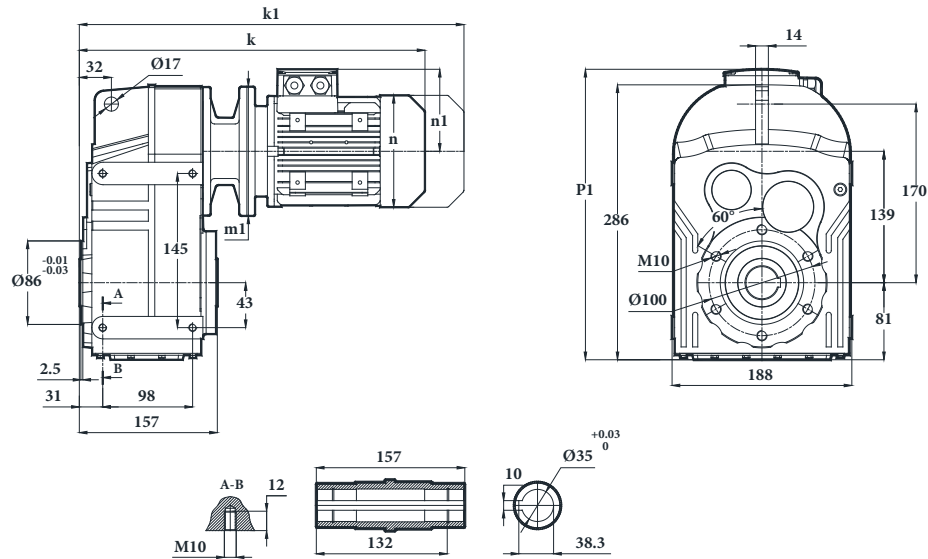


# DV272 + DV273 - Flachgetriebemotor / Parallel shaft geared motor

Tapped center hole according to DIN 332, sheet 2 / Zentrierung mit Gewinde nach DIN 332, Blatt 2

DV272.00

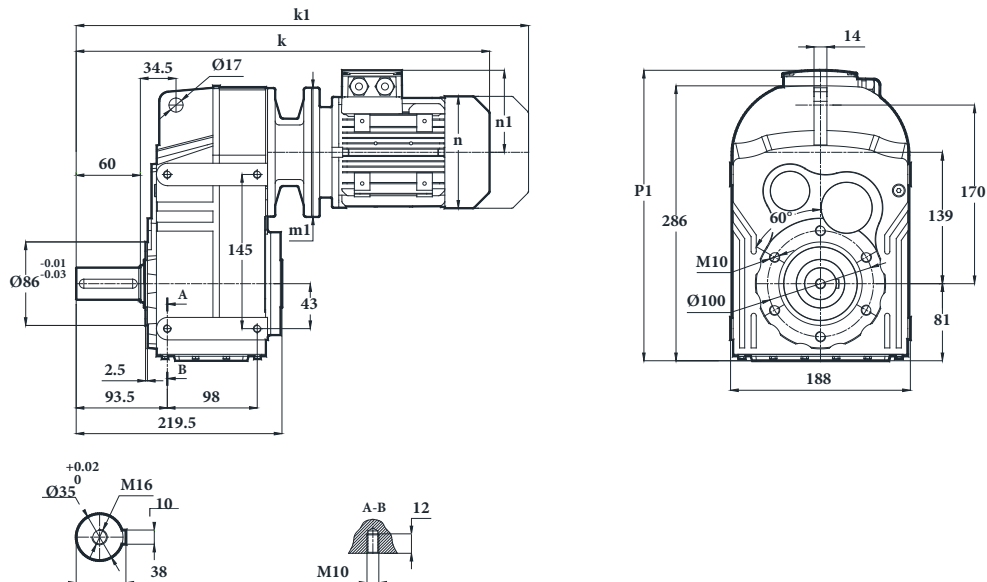
DV273.00



|                 | 63/B5<br>63/B14 | 71/B5<br>71/B14 | 80/B5<br>80/B14 | 90S/B5<br>90S/B14 | 90L/B5<br>90L/B14 | 100L/B5<br>100L/B14 |
|-----------------|-----------------|-----------------|-----------------|-------------------|-------------------|---------------------|
| <b>k</b>        | 377             | 397             | 435             | 476               | 476               | 522                 |
| <b>k1</b>       | 438             | 488             | 528             | 580.5             | 580.5             | 641.5               |
| <b>n / n1</b>   | 121 / 97        | 137 / 112       | 155 / 121       | 176 / 132         | 176 / 132         | 193 / 147           |
| <b>m1 (B5)</b>  | 140             | 160             | 200             | 200               | 200               | 250                 |
| <b>m1 (B14)</b> | 90              | 105             | 120             | 140               | 140               | 160                 |
| <b>p1</b>       | 317             | 332             | 341             | 352               | 352               | 367                 |

DV272.01

DV273.01



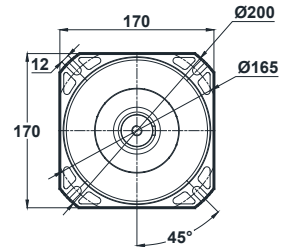
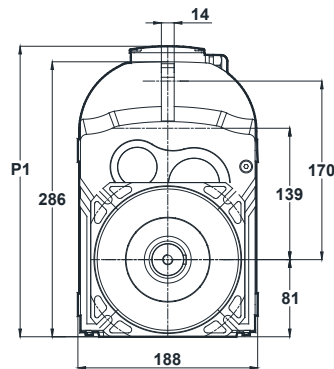
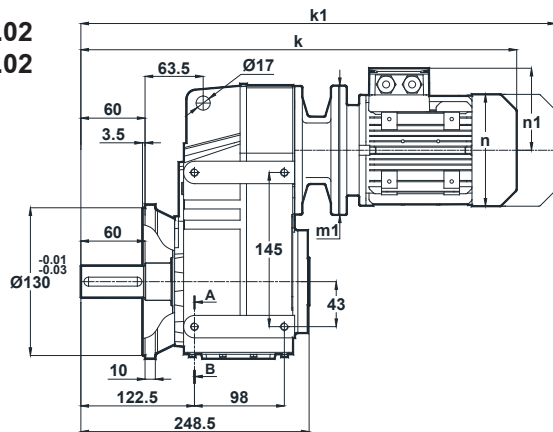
|                 | 63/B5<br>63/B14 | 71/B5<br>71/B14 | 80/B5<br>80/B14 | 90S/B5<br>90S/B14 | 90L/B5<br>90L/B14 | 100L/B5<br>100L/B14 |
|-----------------|-----------------|-----------------|-----------------|-------------------|-------------------|---------------------|
| <b>k</b>        | 439             | 459             | 497             | 538               | 538               | 584                 |
| <b>k1</b>       | 500             | 550             | 590             | 642.5             | 642.5             | 703.5               |
| <b>n / n1</b>   | 121 / 97        | 137 / 112       | 155 / 121       | 176 / 132         | 176 / 132         | 193 / 147           |
| <b>m1 (B5)</b>  | 140             | 160             | 200             | 200               | 200               | 250                 |
| <b>m1 (B14)</b> | 90              | 105             | 120             | 140               | 140               | 160                 |
| <b>p1</b>       | 317             | 332             | 341             | 352               | 352               | 367                 |

Dimensions "k1" is for motors with brake.  
Maße "k1" ist für Bremsenmotoren.

# DV272 + DV273 - Flachgetriebemotor / Parallel shaft geared motor

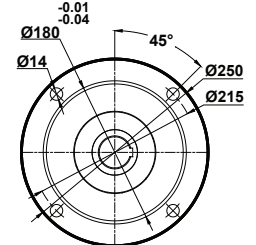
Tapped center hole according to DIN 332, sheet 2 / Zentrierung mit Gewinde nach DIN 332, Blatt 2

DV272.02  
DV273.02

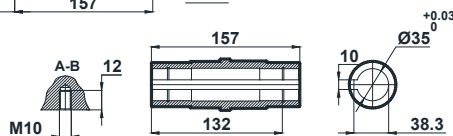
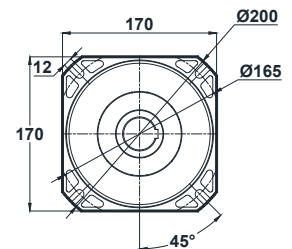
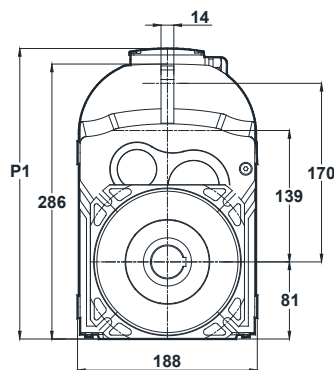
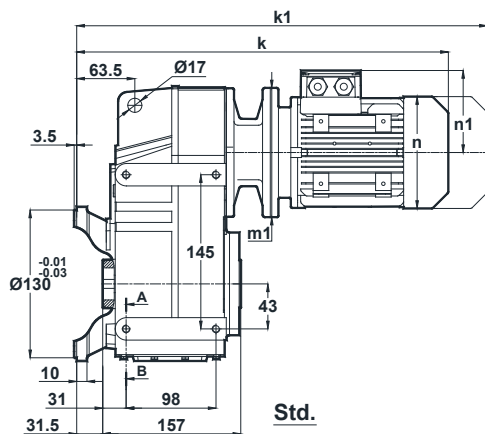


|          | 63/B5<br>63/B14 | 71/B5<br>71/B14 | 80/B5<br>80/B14 | 90S/B5<br>90S/B14 | 90L/B5<br>90L/B14 | 100L/B5<br>100L/B14 |
|----------|-----------------|-----------------|-----------------|-------------------|-------------------|---------------------|
| k        | 468             | 487.5           | 526             | 567               | 567               | 613                 |
| k1       | 529             | 578.5           | 619             | 671.5             | 671.5             | 732.5               |
| n / n1   | 121 / 97        | 137 / 112       | 155 / 121       | 176 / 132         | 176 / 132         | 193 / 147           |
| m1 (B5)  | 140             | 160             | 200             | 200               | 200               | 250                 |
| m1 (B14) | 90              | 105             | 120             | 140               | 140               | 160                 |
| p1       | 317             | 332             | 341             | 352               | 352               | 367                 |

Optional Flange Dimensions  
Auswählbare Flanschabmessungen

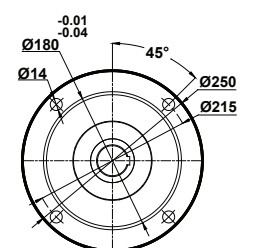


DV272.03  
DV273.03



|          | 63/B5<br>63/B14 | 71/B5<br>71/B14 | 80/B5<br>80/B14 | 90S/B5<br>90S/B14 | 90L/B5<br>90L/B14 | 100L/B5<br>100L/B14 |
|----------|-----------------|-----------------|-----------------|-------------------|-------------------|---------------------|
| k        | 408             | 428             | 466             | 507               | 507               | 553                 |
| k1       | 469             | 519             | 559             | 611.5             | 611.5             | 672.5               |
| n / n1   | 121 / 97        | 137 / 112       | 155 / 121       | 176 / 132         | 176 / 132         | 193 / 147           |
| m1 (B5)  | 140             | 160             | 200             | 200               | 200               | 250                 |
| m1 (B14) | 90              | 105             | 120             | 140               | 140               | 160                 |
| p1       | 317             | 332             | 341             | 352               | 352               | 367                 |

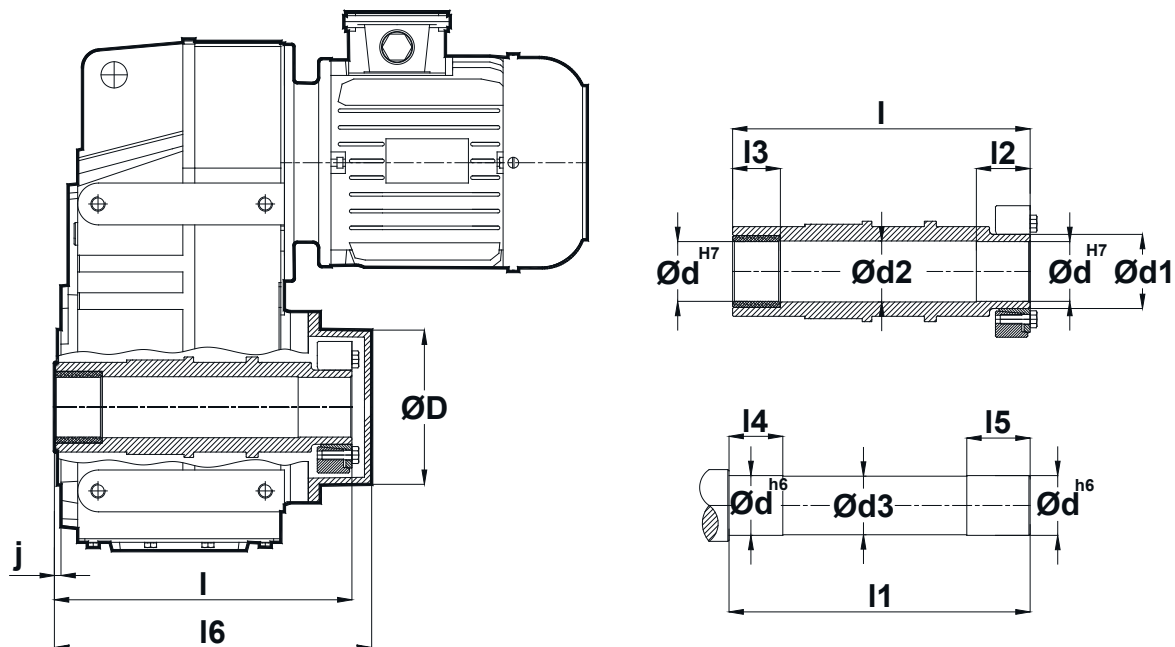
Optional Flange Dimensions  
Auswählbare Flanschabmessungen



Dimensions "k1" is for motors with brake.  
Maße "k1" ist für Bremsenmotoren.

# D- SERIE HOHLWELLE MIT SCHRUMPFSCHEIBE

## D- SERIES HOLLOW SHAFT WITH SHRINK DISC CONNECTOR



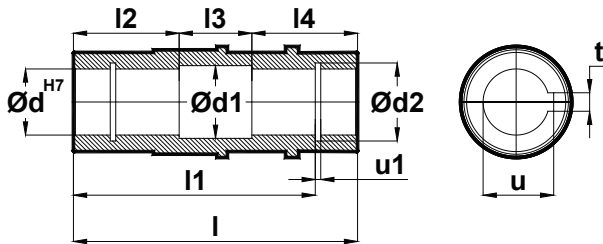
| Typi<br>Type<br>Typ | ØD  | Ød  | Ød1 | Ød2 | Ød3 | I   | I1  | I2 | I3 | I4 | I5  | I6  | j   | M   | Z  | Ta[Nm] |
|---------------------|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|-----|-----|-----|----|--------|
| <b>D.17..0S</b>     | 85  | 30  | 38  | 31  | 29  | 146 | 149 | 30 | 20 | 25 | 38  | 162 | 4   | M8  | 5  | 30     |
| <b>D.27.. 0S</b>    | 94  | 35  | 44  | 36  | 34  | 186 | 189 | 35 | 25 | 30 | 43  | 201 | 4.5 | M8  | 6  | 30     |
| <b>D.28.. 0S</b>    | 104 | 40  | 50  | 41  | 39  | 197 | 200 | 35 | 30 | 35 | 43  | 213 | 5   | M8  | 8  | 30     |
| <b>D.37.. 0S</b>    | 106 | 40  | 50  | 41  | 39  | 216 | 219 | 40 | 35 | 40 | 48  | 232 | 6   | M8  | 8  | 30     |
| <b>D.47.. 0S</b>    | 129 | 50  | 62  | 51  | 49  | 249 | 252 | 45 | 40 | 45 | 53  | 266 | 5.5 | M8  | 9  | 30     |
| <b>D.57.. 0S</b>    | 159 | 60  | 75  | 61  | 59  | 282 | 285 | 50 | 45 | 50 | 58  | 305 | 5.5 | M10 | 10 | 59     |
| <b>D.67.. 0S</b>    | 164 | 70  | 80  | 71  | 69  | 345 | 348 | 55 | 50 | 55 | 63  | 366 | 6   | M10 | 10 | 59     |
| <b>D.77.. 0S</b>    | 204 | 80  | 110 | 91  | 89  | 418 | 421 | 70 | 60 | 70 | 83  | 440 | 7.5 | M12 | 12 | 100    |
| <b>D.87.. 0S</b>    | 252 | 110 | 130 | 111 | 109 | 492 | 495 | 80 | 70 | 80 | 93  | 519 | 9   | M14 | 9  | 160    |
| <b>D.97.. 0S</b>    | 288 | 120 | 155 | 121 | 119 | 570 | 573 | 90 | 80 | 90 | 103 | 593 | 10  | M14 | 10 | 160    |

M: Bolt dimension / Muttergröße

Z: Bolt Quantity / Anzahl von Muttern

Ta: Tightening Torque / Schrumpfmoment

## Hohlwellenabmessungen von D- Serie Getrieben Hollow Shaft Dimensions for D- Series Gearboxes



| Tip<br>Type<br>Typ | d   | d1  | d2   | l   | l1  | l2  | l3  | l4  | u1   | t  | u     |
|--------------------|-----|-----|------|-----|-----|-----|-----|-----|------|----|-------|
| D.17..             | 30  | 31  | 31.4 | 120 | 105 | 45  | 30  | 45  | 1.3  | 8  | 33.3  |
| D.27..             | 35  | 36  | 37   | 157 | 132 | 60  | 37  | 60  | 1.6  | 10 | 38.3  |
| D.28..             | 40  | 41  | 42.5 | 166 | 142 | 64  | 38  | 64  | 1.85 | 12 | 43.3  |
| D.37..             | 40  | 41  | 42.5 | 185 | 156 | 70  | 45  | 70  | 1.85 | 12 | 43.3  |
| D.47..             | 50  | 51  | 53   | 215 | 183 | 82  | 51  | 82  | 2.15 | 14 | 53.8  |
| D.57..             | 60  | 61  | 63   | 246 | 210 | 96  | 54  | 96  | 2.15 | 18 | 64.4  |
| D.67..             | 70  | 71  | 73   | 308 | 270 | 110 | 88  | 110 | 2.65 | 20 | 74.9  |
| D.77..             | 90  | 91  | 93.5 | 363 | 313 | 135 | 93  | 135 | 3.15 | 25 | 95.4  |
| D.87..             | 110 | 111 | 114  | 428 | 373 | 160 | 108 | 160 | 4.15 | 28 | 116.4 |
| D.97..             | 120 | 121 | 124  | 500 | 460 | 180 | 140 | 180 | 4.15 | 32 | 127.4 |

## Drehmomentstütze- Montagezeichnungen Torque Arm- Mounting details

