

■ Typ SL + SLM

Schneckengetriebemotoren / Worm Gear Motors

| P1 kW | n2 1/min | T Nm | T2N Nm | T2max Nm | Typ type | ilst iact | Motor |
|-------------|-------------|---------|-----------|-------------|-------------|--------------|--------|
| 0,18 | 555 | 2,9 | 33 | 73 | SLM 040 | 4,83 | 063A-2 |
| | 370 | 4,3 | 36 | 83 | SLM 040 | 7,25 | 063A-2 |
| | 277 | 5,8 | 41 | 73 | SLM 040 | 4,83 | 063B-4 |
| | 275 | 5,7 | 39 | 77 | SLM 040 | 9,75 | 063A-2 |
| | 206 | 7,3 | 31 | 59 | SLM 040 | 13 | 063A-2 |
| | 185 | 8,5 | 45 | 83 | SLM 040 | 7,25 | 063B-4 |
| | 137 | 11,3 | 43 | 77 | SLM 040 | 9,75 | 063B-4 |
| | 123 | 12,6 | 51 | 83 | SLM 040 | 7,25 | 071A-6 |
| | 103 | 14,5 | 32 | 59 | SLM 040 | 13 | 063B-4 |
| | 92 | 15,7 | 48 | 97 | SLM 040 | 14,5 | 063B-4 |
| | 69 | 20,4 | 50 | 90 | SLM 040 | 19,5 | 063B-4 |
| | 61 | 23,1 | 55 | 97 | SLM 040 | 14,5 | 071A-6 |
| | 52 | 25,8 | 38 | 77 | SLM 040 | 26 | 063B-4 |
| | 46 | 29,9 | 53 | 90 | SLM 040 | 19,5 | 071A-6 |
| | 46 | 27,3 | 50 | 107 | SLM 040 | 29 | 063B-4 |
| | 34 | 35,4 | 56 | 99 | SLM 040 | 39 | 063B-4 |
| | 34 | 38,4 | 40 | 77 | SLM 040 | 26 | 071A-6 |
| | 31 | 38,8 | 57 | 107 | SLM 040 | 29 | 071A-6 |
| | 26 | 43,0 | 46 | 87 | SLM 040 | 52 | 063B-4 |
| | 23 | 50,1 | 63 | 99 | SLM 040 | 39 | 071A-6 |
| | 22 | 46,1 | 48 | 72 | SLM 040 | 63 | 063B-4 |
| | 18 | 65,9 | 137 | 197 | SLM 050 | 38 | 080A-8 |
| | 17 | 67,7 | 88 | 145 | SLM 050 | 51 | 071A-6 |
| | 16 | 60,2 | 63 | 112 | SLM 050 | 83 | 063B-4 |
| | 14 | 73,7 | 109 | 120 | SLM 050 | 62 | 071A-6 |
| | 13 | 84,6 | 91 | 145 | SLM 050 | 51 | 080A-8 |
| | 13 | 89,9 | 207 | 310 | SLM 063 | 51 | 080A-8 |
| | 11 | 89,1 | 112 | 120 | SLM 050 | 62 | 080A-8 |
| | 11 | 96,9 | 221 | 240 | SLM 063 | 61 | 080A-8 |
| | 11 | 92,2 | 152 | 246 | SLM 063 | 82 | 071A-6 |
| | 8 | 120 | 152 | 246 | SLM 063 | 82 | 080A-8 |
| | 0,25 | 559 | 4,0 | 33 | 73 | SLM 040 | 4,83 |
| 372 | | 5,9 | 36 | 83 | SLM 040 | 7,25 | 063B-2 |
| 277 | | 7,8 | 39 | 77 | SLM 040 | 9,75 | 063B-2 |
| 280 | | 8,0 | 41 | 73 | SLM 040 | 4,83 | 071A-4 |
| 208 | | 10,1 | 31 | 59 | SLM 040 | 13 | 063B-2 |
| 186 | | 11,7 | 45 | 83 | SLM 040 | 7,25 | 071A-4 |
| 139 | | 15,5 | 43 | 77 | SLM 040 | 9,75 | 071A-4 |
| 123 | | 17,5 | 51 | 83 | SLM 040 | 7,25 | 071B-6 |
| 104 | | 20,0 | 32 | 59 | SLM 040 | 13 | 071A-4 |
| 93 | | 21,6 | 48 | 97 | SLM 040 | 14,5 | 071A-4 |
| 70 | | 28,0 | 50 | 90 | SLM 040 | 19,5 | 071A-4 |
| 61 | | 32,1 | 55 | 97 | SLM 040 | 14,5 | 071B-6 |
| 52 | | 35,8 | 38 | 77 | SLM 040 | 26 | 071A-4 |
| 47 | | 37,1 | 50 | 107 | SLM 040 | 29 | 071A-4 |
| 46 | | 41,5 | 53 | 90 | SLM 040 | 19,5 | 071A-4 |
| 35 | | 47,8 | 56 | 99 | SLM 040 | 39 | 071A-4 |
| 35 | | 51,8 | 40 | 77 | SLM 040 | 26 | 071B-6 |
| 31 | | 53,9 | 57 | 107 | SLM 040 | 29 | 071B-6 |
| 26 | | 63,4 | 85 | 145 | SLM 050 | 51 | 071A-4 |
| 23 | | 74,7 | 144 | 219 | SLM 050 | 29 | 080B-8 |
| 23 | | 73,7 | 134 | 197 | SLM 050 | 38 | 071B-6 |

| P1 kW | n2 1/min | T Nm | T2N Nm | T2max Nm | Typ type | ilst iact | Motor |
|-------------|-------------|---------|-----------|-------------|-------------|--------------|--------|
| 0,25 | 22 | 69,5 | 105 | 120 | SLM 050 | 62 | 071A-4 |
| | 18 | 91,5 | 137 | 197 | SLM 050 | 38 | 080B-8 |
| | 17 | 94,1 | 88 | 145 | SLM 050 | 51 | 071B-6 |
| | 17 | 99,7 | 200 | 310 | SLM 063 | 51 | 071B-6 |
| | 16 | 94,0 | 152 | 246 | SLM 063 | 82 | 071A-4 |
| | 15 | 104 | 202 | 240 | SLM 063 | 61 | 071B-6 |
| | 14 | 102 | 109 | 120 | SLM 050 | 62 | 071B-6 |
| | 13 | 125 | 207 | 310 | SLM 063 | 51 | 080B-8 |
| | 11 | 124 | 112 | 120 | SLM 050 | 62 | 080B-8 |
| | 11 | 135 | 221 | 240 | SLM 063 | 61 | 080B-8 |
| | 11 | 128 | 152 | 246 | SLM 063 | 82 | 071B-6 |
| | 8 | 167 | 152 | 246 | SLM 063 | 82 | 080B-8 |
| 8 | 176 | 304 | 510 | SLM 080 | 82 | 080B-8 | |
| 0,37 | 580 | 5,7 | 33 | 73 | SLM 040 | 4,83 | 071A-2 |
| | 386 | 8,4 | 36 | 83 | SLM 040 | 7,25 | 071A-2 |
| | 288 | 11,2 | 39 | 77 | SLM 040 | 9,75 | 071A-2 |
| | 280 | 11,9 | 41 | 73 | SLM 040 | 4,83 | 071B-4 |
| | 216 | 14,4 | 31 | 59 | SLM 040 | 13 | 071A-2 |
| | 186 | 17,3 | 45 | 83 | SLM 040 | 7,25 | 071B-4 |
| | 139 | 22,9 | 43 | 77 | SLM 040 | 9,75 | 071B-4 |
| | 124 | 26,2 | 117 | 167 | SLM 050 | 7,25 | 080A-6 |
| | 104 | 29,6 | 32 | 59 | SLM 040 | 13 | 071B-4 |
| | 93 | 31,9 | 48 | 97 | SLM 040 | 14,5 | 071B-4 |
| | 70 | 41,4 | 50 | 90 | SLM 040 | 19,5 | 071B-4 |
| | 62 | 48,4 | 121 | 195 | SLM 050 | 14,5 | 080A-6 |
| | 53 | 54,0 | 76 | 137 | SLM 050 | 25,5 | 071B-4 |
| | 47 | 57,9 | 113 | 219 | SLM 050 | 29 | 071B-4 |
| | 47 | 62,4 | 110 | 179 | SLM 050 | 19 | 080A-6 |
| | 36 | 73,6 | 118 | 197 | SLM 050 | 38 | 071B-4 |
| | 35 | 79,8 | 80 | 137 | SLM 050 | 25,5 | 080A-6 |
| | 35 | 83,8 | 181 | 295 | SLM 063 | 25,5 | 080A-6 |
| | 31 | 84,3 | 121 | 219 | SLM 050 | 29 | 080A-6 |
| | 26 | 93,8 | 85 | 145 | SLM 050 | 51 | 071B-4 |
| | 26 | 101 | 191 | 310 | SLM 063 | 51 | 071B-4 |
| | 24 | 105 | 134 | 197 | SLM 050 | 38 | 080A-6 |
| | 23 | 111 | 144 | 219 | SLM 050 | 29 | 090S-8 |
| | 22 | 103 | 105 | 120 | SLM 050 | 62 | 071B-4 |
| | 22 | 109 | 175 | 240 | SLM 063 | 61 | 071B-4 |
| | 18 | 136 | 137 | 197 | SLM 050 | 38 | 090S-8 |
| | 18 | 139 | 200 | 310 | SLM 063 | 51 | 080A-6 |
| | 17 | 150 | 264 | 360 | SLM 063 | 39 | 090S-8 |
| 16 | 139 | 152 | 246 | SLM 063 | 82 | 071B-4 | |
| 15 | 153 | 202 | 240 | SLM 063 | 61 | 080A-6 | |
| 13 | 185 | 207 | 310 | SLM 063 | 51 | 090S-8 | |
| 11 | 199 | 221 | 240 | SLM 063 | 61 | 090S-8 | |
| 11 | 196 | 304 | 510 | SLM 080 | 82 | 080A-6 | |
| 8 | 261 | 304 | 510 | SLM 080 | 82 | 090S-8 | |
| 0,55 | 582 | 8,5 | 33 | 73 | SLM 040 | 4,83 | 071B-2 |
| | 388 | 12,5 | 36 | 83 | SLM 040 | 7,25 | 071B-2 |
| | 289 | 16,5 | 39 | 77 | SLM 040 | 9,75 | 071B-2 |
| | 282 | 17,7 | 96 | 150 | SLM 050 | 4,83 | 080A-4 |

Selecting Gearbox Size

| P1 kW | n2 1/min | T Nm | T2N Nm | T2max Nm | Typ type | ilist iact | Motor |
|----------|-------------|---------|-----------|-------------|-------------|---------------|---------|
| 0,55 | 216 | 21,4 | 31 | 59 | SLM 040 | 13 | 071B-2 |
| | 188 | 26,0 | 104 | 167 | SLM 050 | 7,25 | 080A-4 |
| | 143 | 33,8 | 91 | 152 | SLM 050 | 9,5 | 080A-4 |
| | 124 | 39,0 | 117 | 167 | SLM 050 | 7,25 | 080B-6 |
| | 107 | 43,7 | 59 | 100 | SLM 050 | 12,75 | 080A-4 |
| | 94 | 48,6 | 106 | 195 | SLM 050 | 14,5 | 080A-4 |
| | 72 | 62,0 | 106 | 179 | SLM 050 | 19 | 080A-4 |
| | 62 | 72,0 | 121 | 195 | SLM 050 | 14,5 | 080B-6 |
| | 53 | 80,3 | 76 | 137 | SLM 050 | 25,5 | 080A-4 |
| | 53 | 84,2 | 173 | 295 | SLM 063 | 25,5 | 080A-4 |
| | 47 | 86,1 | 113 | 219 | SLM 050 | 29 | 080A-4 |
| | 47 | 92,8 | 110 | 179 | SLM 050 | 19 | 080B-6 |
| | 36 | 109 | 118 | 197 | SLM 050 | 38 | 080A-4 |
| | 35 | 125 | 181 | 295 | SLM 063 | 25,5 | 080B-6 |
| | 31 | 125 | 121 | 219 | SLM 050 | 29 | 080B-6 |
| | 31 | 131 | 237 | 437 | SLM 063 | 29 | 080B-6 |
| | 27 | 144 | 191 | 310 | SLM 063 | 51 | 080A-4 |
| | 24 | 164 | 268 | 437 | SLM 063 | 29 | 090L-8 |
| | 23 | 171 | 237 | 360 | SLM 063 | 39 | 080B-6 |
| | 22 | 162 | 175 | 240 | SLM 063 | 61 | 080A-4 |
| | 18 | 210 | 264 | 360 | SLM 063 | 39 | 090L-8 |
| | 18 | 207 | 200 | 310 | SLM 063 | 51 | 080B-6 |
| | 17 | 229 | 284 | 480 | SLM 080 | 53 | 080B-6 |
| | 17 | 201 | 304 | 510 | SLM 080 | 82 | 080A-4 |
| | 15 | 238 | 325 | 480 | SLM 080 | 62 | 080B-6 |
| | 13 | 287 | 294 | 480 | SLM 080 | 53 | 090L-8 |
| | 11 | 310 | 352 | 480 | SLM 080 | 62 | 090L-8 |
| 11 | 291 | 304 | 510 | SLM 080 | 82 | 080B-6 | |
| 8 | 401 | 599 | 1000 | SLM 100 | 82 | 090L-8 | |
| 0,75 | 584 | 11,8 | 70 | 150 | SLM 050 | 4,83 | 080A-2 |
| | 389 | 17,3 | 74 | 167 | SLM 050 | 7,25 | 080A-2 |
| | 297 | 22,4 | 85 | 152 | SLM 050 | 9,5 | 080A-2 |
| | 282 | 24,1 | 96 | 150 | SLM 050 | 4,83 | 080B-4 |
| | 221 | 29,2 | 55 | 100 | SLM 050 | 12,75 | 080A-2 |
| | 188 | 35,4 | 104 | 167 | SLM 050 | 7,25 | 080B-4 |
| | 143 | 46,1 | 91 | 152 | SLM 050 | 9,5 | 080B-4 |
| | 126 | 52,3 | 117 | 167 | SLM 050 | 7,25 | 090S-6 |
| | 107 | 59,6 | 59 | 100 | SLM 050 | 12,75 | 080B-4 |
| | 94 | 66,3 | 106 | 195 | SLM 050 | 14,5 | 080B-4 |
| | 72 | 84,6 | 106 | 179 | SLM 050 | 19 | 080B-4 |
| | 63 | 96,6 | 121 | 195 | SLM 050 | 14,5 | 090S-6 |
| | 53 | 115 | 173 | 295 | SLM 063 | 25,5 | 080B-4 |
| | 47 | 117 | 113 | 219 | SLM 050 | 29 | 080B-4 |
| | 47 | 131 | 212 | 355 | SLM 063 | 19,5 | 090S-6 |
| | 47 | 122 | 204 | 437 | SLM 063 | 29 | 080B-4 |
| | 36 | 165 | 181 | 295 | SLM 063 | 25,5 | 090S-6 |
| | 35 | 158 | 207 | 348 | SLM 063 | 39 | 080B-4 |
| | 31 | 178 | 237 | 437 | SLM 063 | 29 | 090S-6 |
| | 27 | 196 | 191 | 310 | SLM 063 | 51 | 080B-4 |
| | 26 | 212 | 271 | 480 | SLM 080 | 53 | 080B-4 |
| | 24 | 224 | 268 | 437 | SLM 063 | 29 | 100LA-8 |
| | 23 | 234 | 237 | 360 | SLM 063 | 39 | 090S-6 |

| P1 kW | n2 1/min | T Nm | T2N Nm | T2max Nm | Typ type | ilist iact | Motor | |
|----------|-------------|---------|-----------|-------------|-------------|---------------|---------|--------|
| 0,75 | 22 | 228 | 279 | 480 | SLM 080 | 62 | 080B-4 | |
| | 18 | 287 | 264 | 360 | SLM 063 | 39 | 100LA-8 | |
| | 18 | 295 | 704 | 1080 | SLM 100 | 52 | 090S-6 | |
| | 17 | 316 | 501 | 780 | SLM 080 | 40 | 100LA-8 | |
| | 17 | 274 | 304 | 510 | SLM 080 | 82 | 080B-4 | |
| | 17 | 312 | 284 | 480 | SLM 080 | 53 | 090S-6 | |
| | 15 | 325 | 325 | 480 | SLM 080 | 62 | 090S-6 | |
| | 14 | 348 | 886 | 1040 | SLM 100 | 63 | 090S-6 | |
| | 13 | 397 | 728 | 1080 | SLM 100 | 52 | 100LA-8 | |
| | 11 | 404 | 599 | 1000 | SLM 100 | 82 | 090S-6 | |
| | 11 | 423 | 886 | 1040 | SLM 100 | 63 | 100LA-8 | |
| | 8 | 546 | 599 | 1000 | SLM 100 | 82 | 100LA-8 | |
| | 1,1 | 584 | 17,3 | 70 | 150 | SLM 050 | 4,83 | 080B-2 |
| | | 389 | 25,4 | 74 | 167 | SLM 050 | 7,25 | 080B-2 |
| | | 297 | 32,9 | 85 | 152 | SLM 050 | 9,5 | 080B-2 |
| 286 | | 34,9 | 96 | 150 | SLM 050 | 4,83 | 090S-4 | |
| 221 | | 42,8 | 55 | 100 | SLM 050 | 12,75 | 080B-2 | |
| 190 | | 51,4 | 104 | 167 | SLM 050 | 7,25 | 090S-4 | |
| 145 | | 66,7 | 91 | 152 | SLM 050 | 9,5 | 090S-4 | |
| 126 | | 76,7 | 117 | 167 | SLM 050 | 7,25 | 090L-6 | |
| 108 | | 89,5 | 135 | 222 | SLM 063 | 12,75 | 090S-4 | |
| 95 | | 96,2 | 106 | 195 | SLM 050 | 14,5 | 090S-4 | |
| 95 | | 98,4 | 183 | 395 | SLM 063 | 14,5 | 090S-4 | |
| 71 | | 130 | 186 | 355 | SLM 063 | 19,5 | 090S-4 | |
| 63 | | 145 | 213 | 395 | SLM 063 | 14,5 | 090L-6 | |
| 54 | | 165 | 173 | 295 | SLM 063 | 25,5 | 090S-4 | |
| 52 | | 176 | 245 | 432 | SLM 080 | 26,5 | 090S-4 | |
| 48 | | 175 | 204 | 437 | SLM 063 | 29 | 090S-4 | |
| 47 | | 192 | 212 | 355 | SLM 063 | 19,5 | 090L-6 | |
| 46 | | 187 | 395 | 920 | SLM 080 | 30 | 090S-4 | |
| 35 | | 231 | 207 | 348 | SLM 063 | 39 | 090S-4 | |
| 35 | | 240 | 381 | 780 | SLM 080 | 40 | 090S-4 | |
| 34 | | 263 | 256 | 432 | SLM 080 | 26,5 | 090L-6 | |
| 31 | | 261 | 237 | 437 | SLM 063 | 29 | 090L-6 | |
| 30 | | 280 | 465 | 920 | SLM 080 | 30 | 090L-6 | |
| 27 | | 300 | 670 | 1080 | SLM 100 | 52 | 090S-4 | |
| 26 | | 311 | 271 | 480 | SLM 080 | 53 | 090S-4 | |
| 23 | | 356 | 443 | 780 | SLM 080 | 40 | 090L-6 | |
| 23 | | 356 | 530 | 920 | SLM 080 | 30 | 100LB-8 | |
| 22 | 334 | 817 | 1040 | SLM 100 | 63 | 090S-4 | | |
| 18 | 432 | 704 | 1080 | SLM 100 | 52 | 090L-6 | | |
| 17 | 464 | 501 | 780 | SLM 080 | 40 | 100LB-8 | | |
| 17 | 408 | 599 | 1000 | SLM 100 | 82 | 090S-4 | | |
| 14 | 510 | 886 | 1040 | SLM 100 | 63 | 090L-6 | | |
| 13 | 582 | 728 | 1080 | SLM 100 | 52 | 100LB-8 | | |
| 11 | 621 | 886 | 1040 | SLM 100 | 63 | 100LB-8 | | |
| 11 | 592 | 599 | 1000 | SLM 100 | 82 | 090L-6 | | |
| 8 | 840 | 1167 | 1950 | SLM 125 | 83 | 100LB-8 | | |
| 1,5 | 588 | 23,4 | 70 | 150 | SLM 050 | 4,83 | 090S-2 | |
| | 392 | 34,4 | 74 | 167 | SLM 050 | 7,25 | 090S-2 | |
| | 299 | 44,6 | 85 | 152 | SLM 050 | 9,5 | 090S-2 | |

* Wärmegrenzleistung P1Nt beachten!
 * Do not exceed thermal efficiency limit P1Nt!

Typ SL + SLM

Schneckengetriebemotoren / Worm Gear Motors

| P1 kW | n2 1/min | T Nm | T2N Nm | T2max Nm | Typ type | ilst iact | Motor | |
|----------|-------------|---------|-----------|-------------|-------------|--------------|---------|---------|
| 1,5 | 286 | 47,6 | 96 | 150 | SLM 050 | 4,83 | 090L-4 | |
| | 223 | 59,7 | 125 | 222 | SLM 063 | 12,75 | 090S-2 | |
| | 190 | 70,1 | 104 | 167 | SLM 050 | 7,25 | 090L-4 | |
| | 145 | 90,9 | 91 | 152 | SLM 050 | 9,5 | 090L-4 | |
| | 142 | 93,8 | 170 | 306 | SLM 063 | 9,75 | 090L-4 | |
| | 127 | 105 | 179 | 334 | SLM 063 | 7,25 | 100L-6 | |
| | 108 | 122 | 135 | 222 | SLM 063 | 12,75 | 090L-4 | |
| | 95 | 134 | 183 | 395 | SLM 063 | 14,5 | 090L-4 | |
| | 71 | 178 | 186 | 355 | SLM 063 | 19,5 | 090L-4 | |
| | 63 | 198 | 213 | 395 | SLM 063 | 14,5 | 100LA-6 | |
| | 53 | 235 | 605 | 980 | SLM 100 | 26 | 090L-4 | |
| | 52 | 240 | 245 | 432 | SLM 080 | 26,5 | 090L-4 | |
| | 46 | 255 | 395 | 920 | SLM 080 | 30 | 090L-4 | |
| | 46 | 274 | 399 | 725 | SLM 080 | 20 | 100LA-6 | |
| | 35 | 327 | 381 | 780 | SLM 080 | 40 | 090L-4 | |
| | 35 | 348 | 634 | 980 | SLM 100 | 26 | 100LA-6 | |
| | 31 | 370 | 465 | 920 | SLM 080 | 30 | 100LA-6 | |
| | 27 | 409 | 670 | 1080 | SLM 100 | 52 | 090L-4 | |
| | 23 | 486* | 443 | 780 | SLM 080 | 40 | 100LA-6 | |
| | 23 | 486* | 530 | 920 | SLM 080 | 30 | 112M-8 | |
| | 23 | 486 | 950 | 1765 | SLM 100 | 30 | 112M-8 | |
| | 23 | 486 | 933 | 1582 | SLM 100 | 40 | 100LA-6 | |
| | 22 | 456 | 817 | 1040 | SLM 100 | 63 | 090L-4 | |
| | 18 | 605 | 1025 | 1582 | SLM 100 | 40 | 112M-8 | |
| | 18 | 589 | 704 | 1080 | SLM 100 | 52 | 100LA-6 | |
| | 17 | 556 | 599 | 1000 | SLM 100 | 82 | 090L-4 | |
| | 15 | 649* | 886 | 1040 | SLM 100 | 63 | 100LA-6 | |
| | 15 | 678 | 1421 | 2010 | SLM 125 | 62 | 100LA-6 | |
| | 13 | 793 | 728 | 1080 | SLM 100 | 52 | 112M-8 | |
| | 13 | 826 | 1230 | 1810 | SLM 125 | 52 | 112M-8 | |
| | 11 | 847 | 886 | 1040 | SLM 100 | 63 | 112M-8 | |
| | 11 | 860 | 1167 | 1950 | SLM 125 | 83 | 100LA-6 | |
| 8 | 1146 | 1167 | 1950 | SLM 125 | 83 | 112M-8 | | |
| 2,2 | 588 | 34,3 | 70 | 150 | SLM 050 | 4,83 | 090L-2 | |
| | 392 | 50,4 | 74 | 167 | SLM 050 | 7,25 | 090L-2 | |
| | 299 | 65,3 | 85 | 152 | SLM 050 | 9,5 | 090L-2 | |
| | 292 | 69,1 | 145 | 295 | SLM 063 | 4,83 | 100LA-4 | |
| | 223 | 87,6 | 125 | 222 | SLM 063 | 12,75 | 090L-2 | |
| | 194 | 102 | 157 | 334 | SLM 063 | 7,25 | 100LA-4 | |
| | 145 | 135 | 170 | 306 | SLM 063 | 9,75 | 100LA-4 | |
| | 130 | 150 | 179 | 334 | SLM 063 | 7,25 | 112M-6 | |
| | 108 | 179 | 187 | 321 | SLM 080 | 13 | 100LA-4 | |
| | 94 | 203 | 352 | 826 | SLM 080 | 15 | 100LA-4 | |
| | 71 | 263 | 344 | 725 | SLM 080 | 20 | 100LA-4 | |
| | 63 | 297 | 415 | 826 | SLM 080 | 15 | 112M-6 | |
| | 54 | 339 | 605 | 980 | SLM 100 | 26 | 100LA-4 | |
| | 47 | 367 | 395 | 920 | SLM 080 | 30 | 100LA-4 | |
| | 47 | 393 | 399 | 725 | SLM 080 | 20 | 112M-6 | |
| | 47 | 367 | 748 | 1765 | SLM 100 | 30 | 100LA-4 | |
| | 36 | 496 | 634 | 980 | SLM 100 | 26 | 112M-6 | |
| | 35 | 480 | 817 | 1582 | SLM 100 | 40 | 100LA-4 | |
| | 31 | 542 | 825 | 1765 | SLM 100 | 30 | 112M-6 | |
| | 2,2 | 27 | 599 | 670 | 1080 | SLM 100 | 52 | 100LA-4 |
| | | 24 | 683 | 933 | 1582 | SLM 100 | 40 | 112M-6 |
| | | 24 | 683 | 950 | 1765 | SLM 100 | 30 | 132SB-8 |
| | | 24 | 709 | 1690 | 2270 | SLM 125 | 29 | 132SB-8 |
| | | 24 | 718 | 1470 | 2320 | SLM 125 | 40 | 112M-6 |
| | | 23 | 658 | 1243 | 2010 | SLM 125 | 62 | 100LA-4 |
| | | 22 | 669 | 817 | 1040 | SLM 100 | 63 | 100LA-4 |
| | | 18 | 887 | 1025 | 1582 | SLM 100 | 40 | 132SB-8 |
| | | 18 | 910 | 1690 | 2320 | SLM 125 | 40 | 132SB-8 |
| | | 18 | 887 | 1189 | 1810 | SLM 125 | 52 | 112M-6 |
| | | 17 | 828 | 1167 | 1950 | SLM 125 | 83 | 100LA-4 |
| | | 15 | 953 | 886 | 1040 | SLM 100 | 63 | 112M-6 |
| | | 15 | 995 | 1421 | 2010 | SLM 125 | 62 | 112M-6 |
| 14 | | 1126 | 1230 | 1810 | SLM 125 | 52 | 132SB-8 | |
| 11 | | 1261 | 1167 | 1950 | SLM 125 | 83 | 112M-6 | |
| 11 | | 1318 | 1562 | 2010 | SLM 125 | 62 | 132SB-8 | |
| 11 | | 1337 | 2347 | 4050 | SLM 160 | 84 | 112M-6 | |
| 8 | | 1812 | 2347 | 4050 | SLM 160 | 84 | 132SB-8 | |
| 3,0 | | 590 | 46,6 | 94 | 295 | SLM 063 | 4,83 | 100L-2 |
| | | 393 | 68,5 | 106 | 334 | SLM 063 | 7,25 | 100L-2 |
| | 292 | 94,2 | 145 | 295 | SLM 063 | 4,83 | 100LB-4 | |
| | 292 | 92,2 | 121 | 306 | SLM 063 | 9,75 | 100L-2 | |
| | 224 | 119 | 125 | 222 | SLM 063 | 12,75 | 100L-2 | |
| | 194 | 139 | 157 | 334 | SLM 063 | 7,25 | 100LB-4 | |
| | 141 | 191 | 297 | 625 | SLM 080 | 10 | 100LB-4 | |
| | 127 | 212 | 743 | 1360 | SLM 100 | 7,5 | 132SB-6 | |
| | 108 | 244 | 464 | 736 | SLM 100 | 13 | 100LB-4 | |
| | 94 | 277 | 352 | 826 | SLM 080 | 15 | 100LB-4 | |
| | 71 | 359* | 344 | 725 | SLM 080 | 20 | 100LB-4 | |
| | 71 | 359 | 778 | 1440 | SLM 100 | 20 | 100LB-4 | |
| | 63 | 405 | 817 | 1610 | SLM 100 | 15 | 132SB-6 | |
| | 54 | 462 | 605 | 980 | SLM 100 | 26 | 100LB-4 | |
| | 49 | 479 | 1134 | 2270 | SLM 125 | 29 | 100LB-4 | |
| | 48 | 525 | 888 | 1440 | SLM 100 | 20 | 132SB-6 | |
| | 47 | 500* | 748 | 1765 | SLM 100 | 30 | 100LB-4 | |
| | 37 | 658 | 634 | 980 | SLM 100 | 26 | 132SB-6 | |
| | 37 | 666 | 1062 | 1630 | SLM 125 | 26 | 132SB-6 | |
| | 35 | 655* | 817 | 1582 | SLM 100 | 40 | 100LB-4 | |
| 35 | 655 | 1242 | 2320 | SLM 125 | 40 | 100LB-4 | | |
| 33 | 712 | 1448 | 2270 | SLM 125 | 29 | 132SB-6 | | |
| 32 | 716* | 825 | 1765 | SLM 100 | 30 | 132SB-6 | | |
| 27 | 817 | 1132 | 1810 | SLM 125 | 52 | 100LB-4 | | |
| 24 | 931* | 950 | 1765 | SLM 100 | 30 | 132MB-8 | | |
| 24 | 931* | 933 | 1582 | SLM 100 | 40 | 132SB-6 | | |
| 24 | 979 | 1470 | 2320 | SLM 125 | 40 | 132SB-6 | | |
| 24 | 967 | 1690 | 2270 | SLM 125 | 29 | 132MB-8 | | |
| 23 | 897* | 1243 | 2010 | SLM 125 | 62 | 100LB-4 | | |
| 22 | 977 | 2266 | 3900 | SLM 160 | 63 | 100LB-4 | | |
| 18 | 1210 | 1189 | 1810 | SLM 125 | 52 | 132SB-6 | | |
| 18 | 1242 | 1690 | 2320 | SLM 125 | 40 | 132MB-8 | | |
| 18 | 1273 | 2494 | 3700 | SLM 160 | 54 | 132SB-6 | | |
| 17 | 1129* | 1167 | 1950 | SLM 125 | 83 | 100LB-4 | | |

Selecting Gearbox Size

| P1 kW | n2 1/min | T Nm | T2N Nm | T2max Nm | Typ type | ilst iact | Motor |
|----------|-------------|---------|-----------|-------------|-------------|--------------|---------|
| 3,0 | 17 | 1213 | 2347 | 4050 | SLM 160 | 84 | 100LB-4 |
| | 15 | 1356* | 1421 | 2010 | SLM 125 | 62 | 132SB-6 |
| | 15 | 1413 | 2591 | 3900 | SLM 160 | 63 | 132SB-6 |
| | 13 | 1719 | 2582 | 3700 | SLM 160 | 54 | 132MB-8 |
| | 11 | 1901 | 2848 | 3900 | SLM 160 | 63 | 132MB-8 |
| | 11 | 1823 | 2347 | 4050 | SLM 160 | 84 | 132SB-6 |
| | 8 | 2471 | 2347 | 4050 | SLM 160 | 84 | 132MB-8 |
| 4,0 | 592 | 61,9 | 94 | 295 | SLM 063 | 4,83 | 112M-2 |
| | 394 | 91,1 | 106 | 334 | SLM 063 | 7,25 | 112M-2 |
| | 394 | 91,1 | 106 | 334 | SLM 063 | 7,25 | 112M-2 |
| | 381 | 95,2 | 196 | 695 | SLM 080 | 7,5 | 112M-2 |
| | 294 | 125 | 145 | 295 | SLM 063 | 4,83 | 112M-4 |
| | 293 | 123 | 121 | 306 | SLM 063 | 9,75 | 112M-2 |
| | 286 | 126 | 197 | 625 | SLM 080 | 10 | 112M-2 |
| | 284 | 131 | 250 | 610 | SLM 080 | 5 | 112M-4 |
| | 284 | 129 | 250 | 610 | SLM 080 | 5 | 112M-4 |
| | 216 | 165 | 173 | 321 | SLM 080 | 13,25 | 112M-2 |
| | 189 | 192 | 289 | 695 | SLM 080 | 7,5 | 112M-4 |
| | 142 | 253 | 297 | 625 | SLM 080 | 10 | 112M-4 |
| | 127 | 283 | 743 | 1360 | SLM 100 | 7,5 | 132MA-6 |
| | 109 | 322 | 464 | 736 | SLM 100 | 13 | 112M-4 |
| | 95 | 366 | 352 | 826 | SLM 080 | 15 | 112M-4 |
| | 95 | 362 | 715 | 1610 | SLM 100 | 15 | 112M-4 |
| | 71 | 479 | 778 | 1440 | SLM 100 | 20 | 112M-4 |
| | 63 | 546 | 1290 | 2250 | SLM 125 | 15 | 132MA-6 |
| | 55 | 604* | 605 | 980 | SLM 100 | 26 | 112M-4 |
| | 55 | 604 | 1012 | 1630 | SLM 125 | 26 | 112M-4 |
| | 49 | 639 | 1134 | 2270 | SLM 125 | 29 | 112M-4 |
| | 48 | 700* | 888 | 1440 | SLM 100 | 20 | 132MA-6 |
| | 48 | 708 | 1352 | 2392 | SLM 125 | 20 | 132MA-6 |
| | 47 | 666* | 748 | 1765 | SLM 100 | 30 | 112M-4 |
| | 37 | 888 | 1062 | 1630 | SLM 125 | 26 | 132MA-6 |
| | 36 | 849* | 817 | 1582 | SLM 100 | 40 | 112M-4 |
| | 36 | 849 | 1242 | 2320 | SLM 125 | 40 | 112M-4 |
| | 33 | 949* | 1448 | 2270 | SLM 125 | 29 | 132MA-6 |
| | 32 | 1003 | 2678 | 4500 | SLM 160 | 30 | 132MA-6 |
| | 27 | 1089 | 1132 | 1810 | SLM 125 | 52 | 112M-4 |
| | 26 | 1190 | 2372 | 3700 | SLM 160 | 54 | 112M-4 |
| | 24 | 1305* | 1470 | 2320 | SLM 125 | 40 | 132MA-6 |
| | 24 | 1289* | 1690 | 2270 | SLM 125 | 29 | 160MA-8 |
| | 24 | 1305 | 2735 | 5120 | SLM 160 | 40 | 132MA-6 |
| | 24 | 1337 | 3160 | 4500 | SLM 160 | 30 | 160MA-8 |
| | 23 | 1196* | 1243 | 2010 | SLM 125 | 62 | 112M-4 |
| | 23 | 1246 | 2266 | 3900 | SLM 160 | 63 | 112M-4 |
| | 18 | 1655* | 1690 | 2320 | SLM 125 | 40 | 160MA-8 |
| | 18 | 1719 | 3190 | 5120 | SLM 160 | 40 | 160MA-8 |
| | 18 | 1698 | 2494 | 3700 | SLM 160 | 54 | 132MA-6 |
| | 17 | 1618 | 2347 | 4050 | SLM 160 | 84 | 112M-4 |
| | 15 | 1885 | 2591 | 3900 | SLM 160 | 63 | 132MA-6 |
| 13 | 2292 | 2582 | 3700 | SLM 160 | 54 | 160MA-8 | |
| 11 | 2535 | 2848 | 3900 | SLM 160 | 63 | 160MA-8 | |
| 11 | 2431 | 2347 | 4050 | SLM 160 | 84 | 132MA-6 | |

| P1 kW | n2 1/min | T Nm | T2N Nm | T2max Nm | Typ type | ilst iact | Motor |
|----------|-------------|---------|-----------|-------------|-------------|--------------|---------|
| 4,0 | 11 | 2605 | 4343 | 6800 | SLM 200 | 83 | 132MA-6 |
| | 9 | 3098 | 4675 | 6800 | SLM 200 | 83 | 160MA-8 |
| 5,5 | 580 | 86,9 | 450 | 1190 | SLM 100 | 5 | 132SA-2 |
| | 387 | 128 | 211 | 1360 | SLM 100 | 7,5 | 132SA-2 |
| | 290 | 170 | 555 | 1090 | SLM 100 | 10 | 132SA-2 |
| | 286 | 176 | 590 | 1190 | SLM 100 | 5 | 132SB-4 |
| | 223 | 217 | 427 | 736 | SLM 100 | 13 | 132SA-2 |
| | 191 | 259 | 650 | 1360 | SLM 100 | 7,5 | 132SB-4 |
| | 143 | 345 | 703 | 1090 | SLM 100 | 10 | 132SB-4 |
| | 127 | 389 | 743 | 1360 | SLM 100 | 7,5 | 132MB-6 |
| | 110 | 439 | 464 | 736 | SLM 100 | 13 | 132SB-4 |
| | 95 | 497* | 715 | 1610 | SLM 100 | 15 | 132SB-4 |
| | 95 | 498 | 1084 | 2250 | SLM 125 | 15 | 132SB-4 |
| | 72 | 649* | 778 | 1440 | SLM 100 | 20 | 132SB-4 |
| | 72 | 649 | 1183 | 2392 | SLM 125 | 20 | 132SB-4 |
| | 63 | 742* | 817 | 1610 | SLM 100 | 15 | 132MB-6 |
| | 63 | 750 | 1290 | 2250 | SLM 125 | 15 | 132MB-6 |
| | 55 | 831 | 1012 | 1630 | SLM 125 | 26 | 132SB-4 |
| | 49 | 879 | 1134 | 2270 | SLM 125 | 29 | 132SB-4 |
| | 48 | 919 | 2170 | 4500 | SLM 160 | 30 | 132SB-4 |
| | 36 | 1167 | 1242 | 2320 | SLM 125 | 40 | 132SB-4 |
| | 36 | 1211 | 2267 | 5120 | SLM 160 | 40 | 132SB-4 |
| | 35 | 1321 | 2231 | 3345 | SLM 160 | 27 | 132MB-6 |
| | 33 | 1305 | 1448 | 2270 | SLM 125 | 29 | 132MB-6 |
| | 32 | 1379 | 2678 | 4500 | SLM 160 | 30 | 132MB-6 |
| | 26 | 1636 | 2372 | 3700 | SLM 160 | 54 | 132SB-4 |
| | 25 | 1702 | 1690 | 2270 | SLM 125 | 29 | 160LA-8 |
| | 24 | 1795 | 2735 | 5120 | SLM 160 | 40 | 132MB-6 |
| | 24 | 1838 | 3160 | 4500 | SLM 160 | 30 | 160LA-8 |
| | 23 | 1713 | 2266 | 3900 | SLM 160 | 63 | 132SB-4 |
| | 23 | 1758 | 2569 | 7000 | SLM 200 | 63 | 132SB-4 |
| | 18 | 2364 | 3190 | 5120 | SLM 160 | 40 | 160LA-8 |
| | 18 | 2334 | 2494 | 3700 | SLM 160 | 54 | 132MB-6 |
| | 17 | 2225 | 2347 | 4050 | SLM 160 | 84 | 132SB-4 |
| 17 | 2317 | 3797 | 6800 | SLM 200 | 83 | 132SB-4 | |
| 15 | 2591 | 2591 | 3900 | SLM 160 | 63 | 132MB-6 | |
| 15 | 2696 | 4081 | 7000 | SLM 200 | 63 | 132MB-6 | |
| 13 | 3313 | 5200 | 7500 | SLM 200 | 53 | 160LA-8 | |
| 11 | 3581 | 4343 | 6800 | SLM 200 | 83 | 132MB-6 | |
| 11 | 3629 | 4488 | 7000 | SLM 200 | 63 | 160LA-8 | |
| 9 | 4260 | 4675 | 6800 | SLM 200 | 83 | 160LA-8 | |
| 7,5 | 580 | 119 | 450 | 1190 | SLM 100 | 5 | 132SB-2 |
| | 387 | 174 | 513 | 1360 | SLM 100 | 7,5 | 132SB-2 |
| | 290 | 232 | 555 | 1090 | SLM 100 | 10 | 132SB-2 |
| | 286 | 240 | 590 | 1190 | SLM 100 | 5 | 132MB-4 |
| | 223 | 296 | 427 | 736 | SLM 100 | 13 | 132SB-2 |
| | 197 | 345 | 986 | 2250 | SLM 125 | 7,25 | 132MB-4 |
| | 143 | 471 | 703 | 1090 | SLM 100 | 10 | 132MB-4 |
| | 143 | 471 | 1069 | 2250 | SLM 125 | 10 | 132MB-4 |
| | 132 | 516 | 2051 | 4450 | SLM 125 | 7,25 | 160MB-6 |
| | 110 | 599 | 763 | 1190 | SLM 125 | 13 | 132MB-4 |

* Wärmegrenzleistung P1Nt beachten!
 * Do not exceed thermal efficiency limit P1Nt!

Typ SL + SLM

Schneckengetriebemotoren / Worm Gear Motors

| P1 kW | n2 1/min | T Nm | T2N Nm | T2max Nm | Typ type | ilist iact | Motor |
|----------|-------------|---------|-----------|-------------|-------------|---------------|---------|
| 7,5 | 95 | 679 | 715 | 1610 | SLM 100 | 15 | 132MB-4 |
| | 95 | 679 | 1084 | 2250 | SLM 125 | 15 | 132MB-4 |
| | 95 | 694 | 1970 | 4550 | SLM 160 | 15 | 132MB-4 |
| | 72 | 885 | 1183 | 2392 | SLM 125 | 20 | 132MB-4 |
| | 72 | 895 | 2158 | 5050 | SLM 160 | 20 | 132MB-4 |
| | 64 | 1007 | 1290 | 2250 | SLM 125 | 15 | 160MB-6 |
| | 64 | 1030 | 2386 | 4550 | SLM 160 | 15 | 160MB-6 |
| | 53 | 1203 | 2124 | 3345 | SLM 160 | 27 | 132MB-4 |
| | 49 | 1199 | 1134 | 2270 | SLM 125 | 29 | 132MB-4 |
| | 48 | 1328 | 1352 | 2392 | SLM 125 | 20 | 160MB-6 |
| | 48 | 1253 | 2170 | 4500 | SLM 160 | 30 | 132MB-4 |
| | 48 | 1343 | 2467 | 5050 | SLM 160 | 20 | 160MB-6 |
| | 48 | 1283 | 3900 | 10500 | SLM 200 | 30 | 132MB-4 |
| | 36 | 1751 | 2231 | 3345 | SLM 160 | 27 | 160MB-6 |
| | 36 | 1651* | 2267 | 5120 | SLM 160 | 40 | 132MB-4 |
| | 36 | 1671 | 3860 | 9800 | SLM 200 | 40 | 132MB-4 |
| | 32 | 1880* | 2678 | 4500 | SLM 160 | 30 | 160MB-6 |
| | 32 | 1925 | 4862 | 10500 | SLM 200 | 30 | 160MB-6 |
| | 27 | 2175 | 3870 | 7500 | SLM 200 | 53 | 132MB-4 |
| | 26 | 2231* | 2372 | 3700 | SLM 160 | 54 | 132MB-4 |
| | 24 | 2507* | 3160 | 4500 | SLM 160 | 30 | 160LB-8 |
| | 24 | 2447* | 2735 | 5120 | SLM 160 | 40 | 160MB-6 |
| | 24 | 2567 | 5790 | 10500 | SLM 200 | 30 | 160LB-8 |
| | 24 | 2537 | 4761 | 9800 | SLM 200 | 40 | 160MB-6 |
| | 23 | 2336* | 2266 | 3900 | SLM 160 | 63 | 132MB-4 |
| | 23 | 2398 | 2569 | 7000 | SLM 200 | 63 | 132MB-4 |
| | 18 | 3223 | 3190 | 5120 | SLM 160 | 40 | 160LB-8 |
| | 18 | 3343 | 5620 | 9800 | SLM 200 | 40 | 160LB-8 |
| 18 | 3303 | 4701 | 7500 | SLM 200 | 53 | 160MB-6 | |
| 17 | 3160* | 3797 | 6800 | SLM 200 | 83 | 132MB-4 | |
| 15 | 3677* | 4081 | 7000 | SLM 200 | 63 | 160MB-6 | |
| 14 | 4195 | 5200 | 7500 | SLM 200 | 53 | 160LB-8 | |
| 9,0 | 582 | 142 | 450 | 1190 | SLM 100 | 5 | 132MA-2 |
| | 401 | 204 | 783 | 2250 | SLM 125 | 7,25 | 132MA-2 |
| | 388 | 208 | 513 | 1360 | SLM 100 | 7,5 | 132MA-2 |
| | 296 | 279 | 895 | 2250 | SLM 125 | 4,83 | 132MC-4 |
| | 291 | 278* | 555 | 1090 | SLM 100 | 10 | 132MA-2 |
| | 291 | 278 | 850 | 2250 | SLM 125 | 10 | 132MA-2 |
| | 224 | 353* | 427 | 736 | SLM 100 | 13 | 132MA-2 |
| | 224 | 357 | 700 | 1190 | SLM 125 | 13 | 132MA-2 |
| | 197 | 415 | 986 | 2250 | SLM 125 | 7,25 | 132MC-4 |
| | 143 | 565 | 1069 | 2250 | SLM 125 | 10 | 132MC-4 |
| | 110 | 719 | 763 | 1190 | SLM 125 | 13 | 132MC-4 |
| | 95 | 832 | 1970 | 4550 | SLM 160 | 15 | 132MC-4 |
| | 72 | 1062* | 1183 | 2392 | SLM 125 | 20 | 132MC-4 |
| | 72 | 1074 | 2158 | 5050 | SLM 160 | 20 | 132MC-4 |
| | 53 | 1443 | 2124 | 3345 | SLM 160 | 27 | 132MC-4 |
| | 48 | 1504* | 2170 | 4500 | SLM 160 | 30 | 132MC-4 |
| | 48 | 1540 | 3900 | 10500 | SLM 200 | 30 | 132MC-4 |
| | 36 | 1982* | 2267 | 5120 | SLM 160 | 40 | 132MC-4 |
| | 36 | 2006 | 3860 | 9800 | SLM 200 | 40 | 132MC-4 |
| | 27 | 2610 | 3870 | 7500 | SLM 200 | 53 | 132MC-4 |
| | 23 | 2877* | 2569 | 7000 | SLM 200 | 63 | 132MC-4 |

| P1 kW | n2 1/min | T Nm | T2N Nm | T2max Nm | Typ type | ilist iact | Motor |
|----------|-------------|---------|-----------|-------------|-------------|---------------|---------|
| 11,0 | 17 | 3797* | 3797 | 6800 | SLM 200 | 83 | 132MC-4 |
| | 602 | 168 | 626 | 2250 | SLM 125 | 4,83 | 160MA-2 |
| | 401 | 249 | 26 | 2250 | SLM 125 | 7,25 | 160MA-2 |
| | 303 | 333 | 895 | 2250 | SLM 125 | 4,83 | 160MB-4 |
| | 291 | 339 | 850 | 2250 | SLM 125 | 10 | 160MA-2 |
| | 224 | 436 | 700 | 1190 | SLM 125 | 13 | 160MA-2 |
| | 202 | 494 | 986 | 2250 | SLM 125 | 7,25 | 160MB-4 |
| | 147 | 672* | 1069 | 2250 | SLM 125 | 10 | 160MB-4 |
| | 147 | 679 | 1951 | 4780 | SLM 160 | 10 | 160MB-4 |
| | 132 | 756* | 1127 | 2250 | SLM 125 | 7,25 | 160LA-6 |
| | 128 | 788 | 2051 | 4450 | SLM 160 | 7,5 | 160LA-6 |
| | 109 | 906 | 1600 | 2410 | SLM 160 | 13,5 | 160MB-4 |
| | 98 | 986 | 1970 | 4550 | SLM 160 | 15 | 160MB-4 |
| | 73 | 1295 | 2158 | 5050 | SLM 160 | 20 | 160MB-4 |
| | 64 | 1510 | 2386 | 4550 | SLM 160 | 15 | 160LA-6 |
| | 54 | 1731* | 2124 | 3345 | SLM 160 | 27 | 160MB-4 |
| | 49 | 1801* | 2170 | 4500 | SLM 160 | 30 | 160MB-4 |
| | 49 | 1844 | 3900 | 10500 | SLM 200 | 30 | 160MB-4 |
| | 48 | 1970* | 2467 | 5050 | SLM 160 | 20 | 160LA-6 |
| | 48 | 2014 | 4241 | 10000 | SLM 200 | 20 | 160LA-6 |
| | 37 | 2385 | 3860 | 9800 | SLM 200 | 40 | 160MB-4 |
| | 36 | 2626 | 4190 | 6790 | SLM 200 | 26,5 | 160LA-6 |
| | 32 | 2758* | 2678 | 4500 | SLM 160 | 30 | 160LA-6 |
| | 32 | 2823 | 4862 | 10500 | SLM 200 | 30 | 160LA-6 |
| | 28 | 3077* | 3870 | 7500 | SLM 200 | 53 | 160MB-4 |
| | 24 | 3720* | 4761 | 9800 | SLM 200 | 40 | 160LA-6 |
| | 24 | 3764 | 5790 | 10500 | SLM 200 | 30 | 180L-8 |
| | 23 | 3517* | 2569 | 7000 | SLM 200 | 63 | 160MB-4 |
| 18 | 4902* | 5620 | 9800 | SLM 200 | 40 | 180L-8 | |
| 18 | 4844* | 4701 | 7500 | SLM 200 | 53 | 160LA-6 | |
| 15,0 | 607 | 227 | 626 | 2250 | SLM 125 | 4,83 | 160MB-2 |
| | 404 | 339* | 783 | 2250 | SLM 125 | 7,25 | 160MB-2 |
| | 391 | 348 | 996 | 4450 | SLM 160 | 7,5 | 160MB-2 |
| | 303 | 454* | 895 | 2250 | SLM 125 | 4,83 | 160LA-4 |
| | 293 | 460* | 850 | 2250 | SLM 125 | 10 | 160MB-2 |
| | 293 | 474 | 1640 | 4450 | SLM 160 | 5 | 160LA-4 |
| | 293 | 465 | 1550 | 4780 | SLM 160 | 10 | 160MB-2 |
| | 225 | 592* | 700 | 1190 | SLM 125 | 13 | 160MB-2 |
| | 217 | 621 | 1466 | 2410 | SLM 160 | 13,5 | 160MB-2 |
| | 202 | 674* | 986 | 2250 | SLM 125 | 7,25 | 160LA-4 |
| | 195 | 698 | 1793 | 4450 | SLM 160 | 7,5 | 160LA-4 |
| | 147 | 926 | 1951 | 4780 | SLM 160 | 10 | 160LA-4 |
| | 129 | 1066 | 2051 | 4450 | SLM 160 | 7,5 | 180L-6 |
| | 109 | 1235 | 1600 | 2410 | SLM 160 | 13,5 | 160LA-4 |
| | 98 | 1345* | 1970 | 4550 | SLM 160 | 15 | 160LA-4 |
| | 98 | 1345 | 3450 | 10500 | SLM 200 | 15 | 160LA-4 |
| | 73 | 1766* | 2158 | 5050 | SLM 160 | 20 | 160LA-4 |
| 73 | 1786 | 3430 | 10000 | SLM 200 | 20 | 160LA-4 | |
| 65 | 2028* | 2386 | 4550 | SLM 160 | 15 | 180L-6 | |
| 65 | 2050 | 4308 | 10500 | SLM 200 | 15 | 180L-6 | |

Selecting Gearbox Size

| P1 kW | n2 1/min | T Nm | T2N Nm | T2max Nm | Typ type | ilst iact | Motor |
|----------|-------------|---------|-----------|-------------|-------------|--------------|---------|
| 15,0 | 55 | 2344 | 3612 | 6790 | SLM 200 | 26,5 | 160LA-4 |
| | 49 | 2514* | 3900 | 10500 | SLM 200 | 30 | 160LA-4 |
| | 49 | 2690 | 4241 | 10000 | SLM 200 | 20 | 180L-6 |
| | 37 | 3485* | 4190 | 6790 | SLM 200 | 26,5 | 180L-6 |
| | 37 | 3252* | 3860 | 9800 | SLM 200 | 40 | 160LA-4 |
| | 32 | 3850* | 4862 | 10500 | SLM 200 | 30 | 180L-6 |
| | 24 | 5133* | 5790 | 10500 | SLM 200 | 30 | 200LB-8 |
| 18,5 | 392 | 428 | 996 | 4450 | SLM 160 | 7,5 | 160L-2 |
| | 294 | 583 | 1640 | 4450 | SLM 160 | 5 | 180M-4 |
| | 294 | 571 | 1550 | 4780 | SLM 160 | 10 | 160L-2 |
| | 218 | 762 | 1466 | 2410 | SLM 160 | 13,5 | 160L-2 |
| | 196 | 856 | 1793 | 4450 | SLM 160 | 7,5 | 180M-4 |
| | 147 | 1142 | 1951 | 4780 | SLM 160 | 10 | 180M-4 |
| | 130 | 1305 | 3485 | 9800 | SLM 200 | 7,5 | 200LA-6 |
| | 111 | 1512 | 3265 | 5396 | SLM 200 | 13,25 | 180M-4 |
| | 109 | 1524* | 1600 | 2410 | SLM 160 | 13,5 | 180M-4 |
| | 98 | 1659* | 1970 | 4550 | SLM 160 | 15 | 180M-4 |
| | 98 | 1659 | 3450 | 10500 | SLM 200 | 15 | 180M-4 |
| | 74 | 2149* | 2158 | 5050 | SLM 160 | 20 | 180M-4 |
| | 74 | 2173 | 3430 | 10000 | SLM 200 | 20 | 180M-4 |
| | 65 | 2528 | 4308 | 10500 | SLM 200 | 15 | 200LA-6 |
| | 55 | 2891* | 3612 | 6790 | SLM 200 | 26,5 | 180M-4 |
| | 49 | 3101* | 3900 | 10500 | SLM 200 | 30 | 180M-4 |
| | 49 | 3317* | 4241 | 10000 | SLM 200 | 20 | 200LA-6 |
| | 37 | 4298* | 4190 | 6790 | SLM 200 | 26,5 | 200LA-6 |
| | 33 | 4604* | 4862 | 10500 | SLM 200 | 30 | 200LA-6 |
| 22,0 | 294 | 693 | 1640 | 4450 | SLM 160 | 5 | 180L-4 |
| | 196 | 1018 | 1793 | 4450 | SLM 160 | 7,5 | 180L-4 |
| | 196 | 1029 | 2869 | 9800 | SLM 200 | 7,5 | 180L-4 |
| | 147 | 1358* | 1951 | 4780 | SLM 160 | 10 | 180L-4 |
| | 147 | 1358 | 3076 | 9277 | SLM 200 | 10 | 180L-4 |
| | 130 | 1552 | 3485 | 9800 | SLM 200 | 7,5 | 200LB-6 |
| | 111 | 1798 | 3265 | 5396 | SLM 200 | 13,25 | 180L-4 |
| | 98 | 1972* | 1970 | 4550 | SLM 160 | 15 | 180L-4 |
| | 98 | 1972* | 3450 | 10500 | SLM 200 | 15 | 180L-4 |
| | 74 | 2584* | 3430 | 10000 | SLM 200 | 20 | 180L-4 |
| | 65 | 3006* | 4308 | 10500 | SLM 200 | 15 | 200LB-6 |
| | 55 | 3438 | 3612 | 6790 | SLM 200 | 26,5 | 180L-4 |
| | 49 | 3688* | 3900 | 10500 | SLM 200 | 30 | 180L-4 |
| | 49 | 3945* | 4241 | 10000 | SLM 200 | 20 | 200LB-6 |
| 30 | 294 | 945 | 2600 | 8500 | SLM 200 | 5 | 200LB-4 |
| | 196 | 1403 | 2869 | 9800 | SLM 200 | 7,5 | 200LB-4 |
| | 194 | 1436 | 6514 | 13720 | SLM 250 | 7,75 | 200LT-4 |
| | 147 | 1852 | 3076 | 9276 | SLM 200 | 10 | 200LB-4 |
| | 115 | 2384 | 7585 | 10500 | SLM 250 | 13 | 200LT-4 |
| | 111 | 2452 | 3265 | 5396 | SLM 200 | 13,25 | 200LB-4 |
| | 100 | 2750 | 8165 | 13720 | SLM 250 | 10 | 225MT-6 |
| | 98 | 2690 | 3450 | 10500 | SLM 200 | 15 | 200LB-4 |
| | 97 | 2783 | 6730 | 13720 | SLM 250 | 15,5 | 200LT-4 |
| | 77 | 3576 | 8400 | 10500 | SLM 250 | 13 | 225MT-6 |

| P1 kW | n2 1/min | T Nm | T2N Nm | T2max Nm | Typ type | ilst iact | Motor |
|----------|-------------|---------|-----------|-------------|-------------|--------------|---------|
| 30 | 75 | 3553 | 7447 | 13720 | SLM 250 | 20 | 200LT-4 |
| | 58 | 4569 | 7805 | 13720 | SLM 250 | 26 | 200LT-4 |
| | 48 | 5210 | 6840 | 13720 | SLM 250 | 31 | 200LT-4 |
| | 38 | 6647 | 7510 | 13720 | SLM 250 | 40 | 200LT-4 |
| 37 | 194 | 1771 | 6514 | 13720 | SLM 250 | 7,75 | 225ST-4 |
| | 150 | 2261 | 7230 | 13720 | SLM 250 | 10 | 225ST-4 |
| | 97 | 3432 | 6730 | 13720 | SLM 250 | 15,5 | 225ST-4 |
| | 75 | 4382 | 7447 | 13720 | SLM 250 | 20 | 225ST-4 |
| | 58 | 5635 | 7805 | 13720 | SLM 250 | 26 | 225ST-4 |
| 45 | 194 | 2154 | 6514 | 13720 | SLM 250 | 7,75 | 225MT-4 |
| | 150 | 2750 | 7230 | 13720 | SLM 250 | 10 | 225MT-4 |
| | 97 | 4174 | 6730 | 13720 | SLM 250 | 15,5 | 225MT-4 |
| | 58 | 6853 | 7805 | 13720 | SLM 250 | 26 | 225MT-4 |
| 55 | 194 | 2632 | 6514 | 13720 | SLM 250 | 7,75 | 225MT-4 |
| | 115 | 4370 | 7585 | 10500 | SLM 250 | 13 | 225MT-4 |
| | 97 | 5102 | 6730 | 13720 | SLM 250 | 15,5 | 225MT-4 |
| | 75 | 6513 | 7447 | 13720 | SLM 250 | 20 | 225MT-4 |

* Wärmegrenzleistung P1Nt beachten!
 * Do not exceed thermal efficiency limit P1Nt!

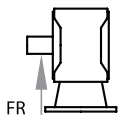
IV Leistungen, Drehmomente / Power Ratings, Torque Ratings

[n = min-1, P = kW, T = Nm]

| i = | n1 | 3000 | 1500 | 1000 | 750 | 500 | 150 |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| 5:1 | n2 | 600 | 300 | 200 | 150 | 100 | 30 |
| (29:6) | P1N | 2,26 | 1,43 | 1,09 | 0,87 | 0,64 | 0,25 |
| T2max | T2N | 33,00 | 41,00 | 47,00 | 49,00 | 53,00 | 67,00 |
| 73 | Wirk. | 0,94 | 0,94 | 0,93 | 0,87 | 0,90 | 0,86 |
| | P1Nt | 1,85 | 1,25 | 1,10 | 0,90 | 0,80 | |
| 7,5:1 | n2 | 400 | 200 | 133 | 100 | 66 | 20 |
| (29:4) | P1N | 1,68 | 1,06 | 0,81 | 0,65 | 0,48 | 0,19 |
| T2max | T2N | 36,00 | 45,00 | 51,00 | 54,00 | 58,00 | 73,00 |
| 83 | Wirk. | 0,92 | 0,91 | 0,90 | 0,89 | 0,87 | 0,82 |
| | P1Nt | 1,45 | 0,95 | 0,77 | 0,70 | 0,61 | |
| 10:1 | n2 | 300 | 150 | 100 | 75 | 50 | 15 |
| (39:4) | P1N | 1,39 | 0,77 | 0,55 | 0,43 | 0,32 | 0,13 |
| T2max | T2N | 39,00 | 43,00 | 45,00 | 47,00 | 50,00 | 64,00 |
| 77 | Wirk. | 0,91 | 0,90 | 0,88 | 0,87 | 0,85 | 0,81 |
| | P1Nt | 1,28 | 0,83 | 0,69 | 0,63 | 0,57 | |
| 13:1 | n2 | 230 | 115 | 76 | 57 | 38 | 11 |
| (52:4) | P1N | 0,85 | 0,45 | 0,32 | 0,26 | 0,19 | 0,08 |
| T2max | T2N | 31,00 | 32,00 | 34,00 | 36,00 | 39,00 | 50,00 |
| 59 | Wirk. | 0,88 | 0,87 | 0,85 | 0,84 | 0,83 | 0,80 |
| | P1Nt | 1,13 | 0,75 | 0,63 | 0,57 | 0,52 | |
| 15:1 | n2 | 200 | 100 | 66 | 50 | 33 | 10 |
| (29:2) | P1N | 0,93 | 0,60 | 0,48 | 0,39 | 0,29 | 0,12 |
| T2max | T2N | 37,00 | 48,00 | 55,00 | 58,00 | 63,00 | 79,00 |
| 97 | Wirk. | 0,86 | 0,84 | 0,82 | 0,81 | 0,78 | 0,72 |
| | P1Nt | 0,85 | 0,55 | 0,46 | 0,41 | 0,36 | |
| 20:1 | n2 | 150 | 75 | 50 | 37 | 25 | 7,5 |
| (39:2) | P1N | 0,82 | 0,49 | 0,36 | 0,28 | 0,21 | 0,09 |
| T2max | T2N | 43,00 | 50,00 | 53,00 | 55,00 | 58,00 | 75,00 |
| 90 | Wirk. | 0,84 | 0,82 | 0,80 | 0,78 | 0,76 | 0,71 |
| | P1Nt | 0,77 | 0,49 | 0,42 | 0,38 | 0,34 | |

| i = | n1 | 3000 | 1500 | 1000 | 750 | 500 | 150 |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| 26:1 | n2 | 115 | 57 | 38 | 28 | 19 | 5,8 |
| (52:2) | P1N | 0,55 | 0,30 | 0,21 | 0,17 | 0,12 | 0,05 |
| T2max | T2N | 36,00 | 38,00 | 40,00 | 42,00 | 45,00 | 59,00 |
| 77 | Wirk. | 0,80 | 0,78 | 0,76 | 0,75 | 0,73 | 0,69 |
| | P1Nt | 0,68 | 0,44 | 0,38 | 0,34 | 0,31 | |
| 30:1 | n2 | 100 | 50 | 33 | 25 | 16 | 5,0 |
| (29:1) | P1N | 0,53 | 0,37 | 0,29 | 0,24 | 0,18 | 0,08 |
| T2max | T2N | 36,00 | 50,00 | 57,00 | 60,00 | 65,00 | 82,00 |
| 107 | Wirk. | 0,75 | 0,73 | 0,70 | 0,68 | 0,64 | 0,57 |
| | P1Nt | 0,51 | 0,33 | 0,28 | 0,26 | 0,23 | |
| 40:1 | n2 | 75 | 37 | 25 | 18 | 12 | 3,8 |
| (39:1) | P1N | 0,48 | 0,32 | 0,25 | 0,20 | 0,15 | 0,07 |
| T2max | T2N | 44,00 | 56,00 | 63,00 | 66,00 | 71,00 | 91,00 |
| 99 | Wirk. | 0,72 | 0,70 | 0,67 | 0,65 | 0,62 | 0,56 |
| | P1Nt | 0,46 | 0,30 | 0,25 | 0,23 | 0,21 | |
| 53:1 | n2 | 57 | 28 | 18 | 14 | 9,4 | 2,8 |
| (52:1) | P1N | 0,39 | 0,21 | 0,15 | 0,13 | 0,09 | 0,04 |
| T2max | T2N | 44,00 | 46,00 | 48,00 | 51,00 | 55,00 | 72,00 |
| 87 | Wirk. | 0,68 | 0,65 | 0,63 | 0,61 | 0,59 | 0,55 |
| | P1Nt | 0,42 | 0,28 | 0,24 | 0,22 | 0,20 | |
| 62:1 | n2 | 48 | 24 | 16 | 12 | 8,1 | 2,4 |
| (63:1) | P1N | 0,36 | 0,20 | 0,15 | 0,12 | 0,09 | 0,03 |
| T2max | T2N | 45,00 | 48,00 | 51,00 | 53,00 | 56,00 | 57,00 |
| 72 | Wirk. | 0,63 | 0,59 | 0,56 | 0,54 | 0,51 | 0,45 |
| | P1Nt | 0,35 | 0,23 | 0,20 | 0,18 | 0,16 | |
| 83:1 | n2 | 36 | 18 | 12 | 9,0 | 6,0 | 1,8 |
| (82:1) | P1N | 0,25 | 0,14 | 0,10 | 0,08 | 0,05 | 0,02 |
| T2max | T2N | 36,00 | 37,00 | 38,00 | 38,00 | 38,00 | 38,00 |
| 64 | Wirk. | 0,56 | 0,52 | 0,50 | 0,48 | 0,46 | 0,42 |
| | P1Nt | 0,32 | 0,21 | 0,18 | 0,17 | 0,15 | |

Radialkräfte / Radial Forces (N)



| T2 | n2 (1/min) | | | | | |
|------|------------|------|------|------|------|------|
| Nm | > 200 | 125 | 75 | 50 | 30 | 10 |
| ε 80 | 970 | 1250 | 1380 | 1600 | 1800 | 2500 |

Weitere Erläuterungen und verstärkte Lagerungen siehe Allgemeines / For more information and reinforced bearings, refer to general information.
 Axialkräfte FA = 50% der Radialkräfte - siehe Allgemeines / Axial forces FA = 50% of radial forces - refer to general information.

Massenträgheitsmomente / Moments of Inertia J (kgcm²)

reduziert auf die Antriebswelle (n1) / reduced to the input shaft (n1)

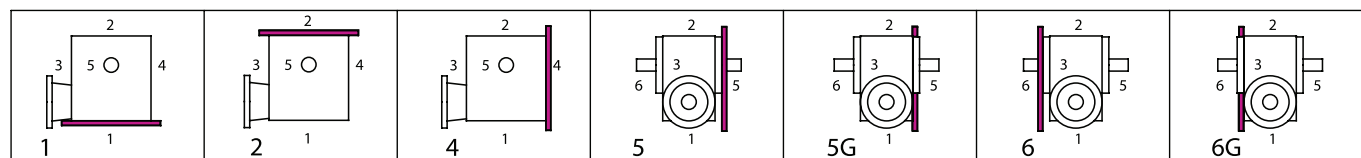
| Übersetzung / Transmission Ratio | | | | | | | | | | | |
|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 5:1 | 7,5:1 | 10:1 | 13:1 | 15:1 | 20:1 | 26:1 | 30:1 | 40:1 | 53:1 | 62:1 | 83:1 |
| 0,6807 | 0,5954 | 0,5301 | 0,4958 | 0,5443 | 0,4976 | 0,4768 | 0,5315 | 0,4894 | 0,4718 | 0,4838 | 0,4717 |

Getriebegewichte

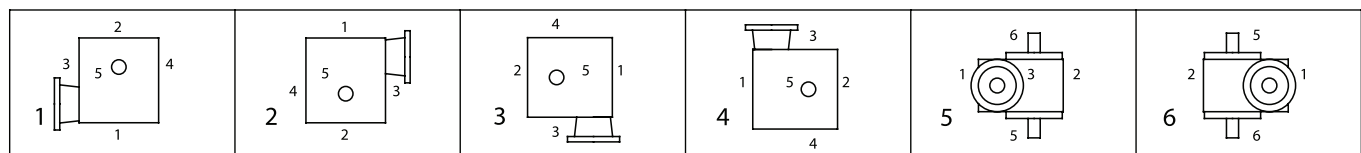
Gearbox Weights (kg)

| ca. |
|-------|
| about |
| 7 |

V Befestigungsseite / Mounting Side



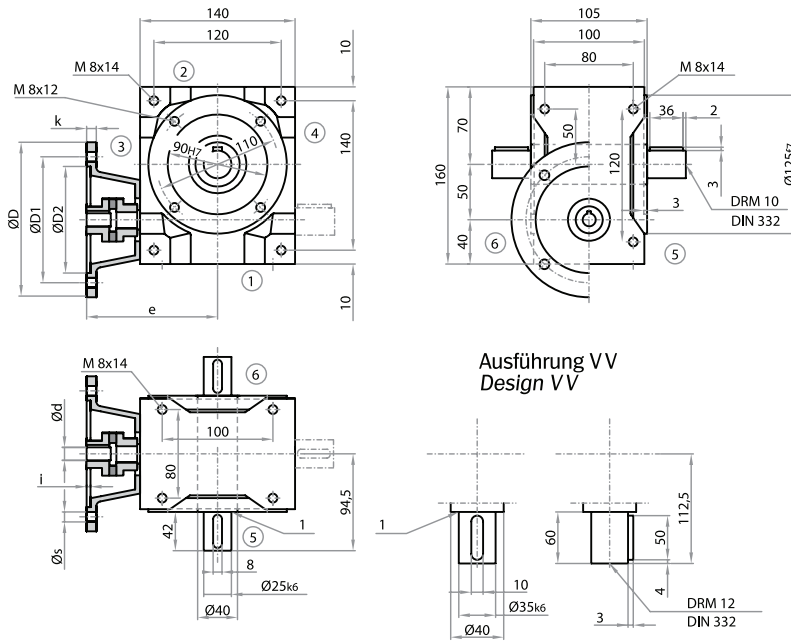
VI Einbautagen (unten liegende Getriebeseite) / Mounting Configuration (downward-facing side)



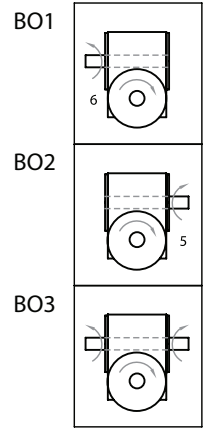
Bestellbeispiel / Example of Order

| I | Typ | Größe | IV | Übersetzung | III | Bauart | V | Befestigungs- | VI | Einbautage | IV | Drehzahl | n2max | Ausführung |
|------|-----------|-------|--------------------------|---------------|------------------|---------------------|-------|---------------|----|------------|----|----------|-------|------------|
| Type | Size | Ratio | Model | Mounting Side | Mounting Config. | Speed | n2max | Design | | | | | | |
| SL | 040 | 10:1 | B03 | 1 | 1 | 150 / 0000=Standard | | | | | | | | |
| II | ø Flansch | II | Motorwelle (ø x Länge) | | | | | | | | | | | |
| | ø Flange | | Motor Shaft (ø x length) | | | | | | | | | | | |
| | D 140 | / | 14 x 30 | | | | | | | | | | | |

■ Typ SL 050



■ Bauart / Model

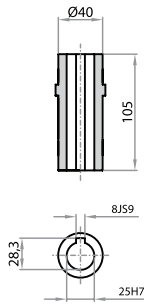


Achtung: Befestigungsgewindebohrungen im Gehäuse standardmäßig nur auf Seite 1 im Gehäuse und die Seiten 5 + 6 in den Deckeln. Weitere Gewindebohrungen auf Anfrage.

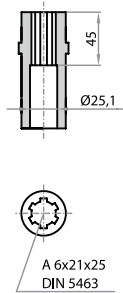
Note: Mounting holes in the housing are provided as standard only on side 1 in the housing and on sides 5 + 6 in the covers. Further tapped holes are possible on request.

Hohlwellenausführung / Hollow Shaft Design

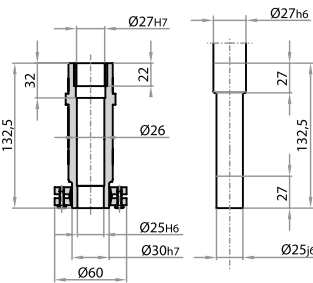
Standard



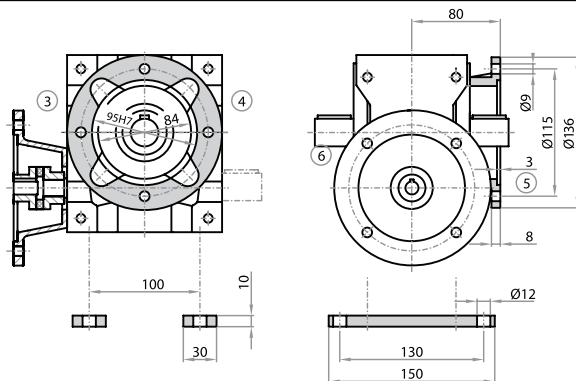
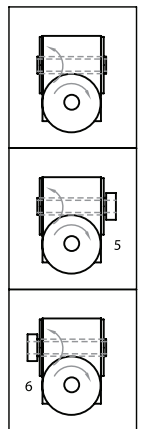
Ausführung HKW Design HKW



Ausführung HSD Design HSD



■ BO0



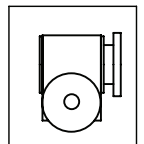
Anschraubflansch B5 (an Seite 5 oder 6)

Screw-on Flange B5 (on side 5 or 6)

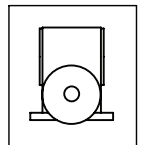
Anschraubfussleisten (für Seite 1, 2, 3 oder 4)

Screw-on Base Mounts (on side 1, 2, 3, 4)

■ F..



■ G..



■ Abmessungen / Dimensions

*incl. Zwischenflansch / incl. connecting flange

| Flansch Abmessungen / flange dimensions | | | | | | |
|---|-----|-----|---|---|----|-----|
| D | D1 | D2 | s | i | k | e |
| 120 | 100 | 80 | 7 | 3 | 9 | 150 |
| 140 | 115 | 95 | 9 | 3 | 9 | 150 |
| 160 | 130 | 110 | 9 | 4 | 10 | 150 |
| 160* | 130 | 110 | 9 | 4 | 20 | 160 |

| passend für Motoranbau / compatible motor attachments | | | |
|---|-----------|------------------|-----------------|
| Baugröße / size | D | Bauform / Design | Welle / shaft d |
| 063 | 120 / 140 | B 14 / B 5 | 11 x 23 |
| 071 | 105 / 140 | B 14 / B 14 | 14 x 30 |
| 080 | 120 / 160 | B 14 / B 14 | 19 x 40 |
| 090 | 160* | B 14 / B 14 | 24 x 50 |

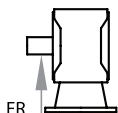
IV Leistungen, Drehmomente / Power Ratings, Torque Ratings

[n = min-1, P = kW, T = Nm]

| i = | n1 | 3000 | 1500 | 1000 | 750 | 500 | 150 |
|---------------|-------|-------|--------|--------|--------|--------|--------|
| 5:1 | n2 | 600 | 300 | 200 | 150 | 100 | 30 |
| (29:6) | P1N | 4,74 | 3,29 | 2,54 | 2,08 | 1,47 | 0,54 |
| T2max | T2N | 70,00 | 96,00 | 110,00 | 119,00 | 125,00 | 145,00 |
| 150 | Wirk, | 0,96 | 0,95 | 0,94 | 0,93 | 0,92 | 0,88 |
| | P1Nt | 3,90 | 2,76 | 2,10 | 2,04 | 1,76 | |
| 7,5:1 | n2 | 400 | 200 | 133 | 100 | 66 | 20 |
| (29:4) | P1N | 3,41 | 2,42 | 1,84 | 1,43 | 1,01 | 0,40 |
| T2max | T2N | 74,00 | 104,00 | 117,00 | 120,00 | 125,00 | 153,00 |
| 167 | Wirk, | 0,94 | 0,93 | 0,92 | 0,91 | 0,89 | 0,83 |
| | P1Nt | 3,16 | 2,12 | 1,76 | 1,57 | 1,36 | |
| 10:1 | n2 | 300 | 150 | 100 | 75 | 50 | 15 |
| (38:4) | P1N | 3,02 | 1,64 | 1,15 | 0,96 | 0,71 | 0,26 |
| T2max | T2N | 85,00 | 91,00 | 94,00 | 103,00 | 112,00 | 130,00 |
| 152 | Wirk, | 0,93 | 0,92 | 0,90 | 0,89 | 0,87 | 0,82 |
| | P1Nt | 2,82 | 1,88 | 1,56 | 1,40 | 1,23 | |
| 13:1 | n2 | 230 | 115 | 76 | 57 | 38 | 11 |
| (51:4) | P1N | 1,51 | 0,82 | 0,58 | 0,45 | 0,32 | 0,12 |
| T2max | T2N | 55,00 | 59,00 | 62,00 | 64,00 | 66,00 | 75,00 |
| 100 | Wirk, | 0,90 | 0,89 | 0,88 | 0,87 | 0,85 | 0,80 |
| | P1Nt | 2,51 | 1,67 | 1,14 | 1,27 | 1,13 | |
| 15:1 | n2 | 200 | 100 | 66 | 50 | 33 | 10 |
| (29:2) | P1N | 1,82 | 1,32 | 1,02 | 0,84 | 0,65 | 0,26 |
| T2max | T2N | 74,00 | 106,00 | 120,00 | 131,00 | 145,00 | 179,00 |
| 195 | Wirk, | 0,88 | 0,87 | 0,85 | 0,84 | 0,81 | 0,74 |
| | P1Nt | 1,91 | 1,27 | 1,05 | 0,94 | 0,82 | |
| 20:1 | n2 | 150 | 75 | 50 | 37 | 25 | 7,5 |
| (38:2) | P1N | 1,54 | 1,03 | 0,73 | 0,63 | 0,47 | 0,18 |
| T2max | T2N | 81,00 | 106,00 | 110,00 | 123,00 | 133,00 | 158,00 |
| 179 | Wirk, | 0,87 | 0,85 | 0,83 | 0,81 | 0,78 | 0,72 |
| | P1Nt | 1,70 | 1,12 | 0,93 | 0,84 | 0,74 | |

| i = | n1 | 3000 | 1500 | 1000 | 750 | 500 | 150 |
|---------------|-------|-------|--------|--------|--------|--------|--------|
| 26:1 | n2 | 115 | 57 | 38 | 28 | 19 | 5,8 |
| (51:2) | P1N | 1,04 | 0,58 | 0,42 | 0,32 | 0,24 | 0,09 |
| T2max | T2N | 71,00 | 76,00 | 80,00 | 82,00 | 86,00 | 98,00 |
| 137 | Wirk, | 0,84 | 0,81 | 0,79 | 0,78 | 0,75 | 0,70 |
| | P1Nt | 1,51 | 1,00 | 0,84 | 0,76 | 0,68 | |
| 30:1 | n2 | 100 | 50 | 33 | 25 | 16 | 5,0 |
| (29:1) | P1N | 1,12 | 0,79 | 0,59 | 0,54 | 0,42 | 0,18 |
| T2max | T2N | 82,00 | 113,00 | 121,00 | 144,00 | 157,00 | 201,00 |
| 219 | Wirk, | 0,79 | 0,77 | 0,74 | 0,72 | 0,68 | 0,59 |
| | P1Nt | 1,14 | 0,76 | 0,63 | 0,06 | 0,50 | |
| 40:1 | n2 | 75 | 37 | 25 | 18 | 12 | 3,8 |
| (38:1) | P1N | 0,87 | 0,65 | 0,52 | 0,41 | 0,31 | 0,13 |
| T2max | T2N | 80,00 | 118,00 | 134,00 | 137,00 | 147,00 | 183,00 |
| 197 | Wirk, | 0,76 | 0,75 | 0,71 | 0,69 | 0,65 | 0,57 |
| | P1Nt | 1,02 | 0,68 | 0,57 | 0,52 | 0,46 | |
| 53:1 | n2 | 57 | 28 | 18 | 14 | 9,4 | 2,8 |
| (51:1) | P1N | 0,65 | 0,38 | 0,27 | 0,22 | 0,16 | 0,06 |
| T2max | T2N | 77,00 | 85,00 | 88,00 | 91,00 | 95,00 | 110,00 |
| 145 | Wirk, | 0,73 | 0,69 | 0,67 | 0,64 | 0,61 | 0,55 |
| | P1Nt | 0,92 | 0,62 | 0,52 | 0,48 | 0,43 | |
| 62:1 | n2 | 48 | 24 | 16 | 12 | 8,1 | 2,4 |
| (62:1) | P1N | 0,61 | 0,42 | 0,31 | 0,25 | 0,18 | 0,06 |
| T2max | T2N | 81,00 | 105,00 | 109,00 | 112,00 | 113,00 | 113,00 |
| 120 | Wirk, | 0,67 | 0,64 | 0,60 | 0,57 | 0,53 | 0,45 |
| | P1Nt | 0,75 | 0,50 | 0,43 | 0,39 | 0,36 | |
| 83:1 | n2 | 36 | 18 | 12 | 9,0 | 6,0 | 1,8 |
| (83:1) | P1N | 0,39 | 0,21 | 0,15 | 0,12 | 0,09 | 0,03 |
| T2max | T2N | 59,00 | 63,00 | 64,00 | 66,00 | 69,00 | 75,00 |
| 112 | Wirk, | 0,58 | 0,56 | 0,54 | 0,52 | 0,49 | 0,44 |
| | P1Nt | 0,70 | 0,47 | 0,41 | 0,37 | 0,34 | |

Radialkräfte / Radial Forces (N)



| T2 | n2 (1/min) | | | | | |
|-------|------------|------|------|------|------|------|
| Nm | > 200 | 125 | 75 | 50 | 30 | 10 |
| < 120 | 2000 | 2400 | 2850 | 3350 | 4000 | 4800 |
| > 120 | 1540 | 1850 | 2190 | 2580 | 3080 | 3700 |

Weitere Erläuterungen und verstärkte Lagerungen siehe Allgemeines / For more information and reinforced bearings, refer to general information.
 Axialkräfte FA = 50% der Radialkräfte - siehe Allgemeines / Axial forces FA = 50% of radial forces - refer to general information.

Massenträgheitsmomente / Moments of Inertia J (kgcm²)

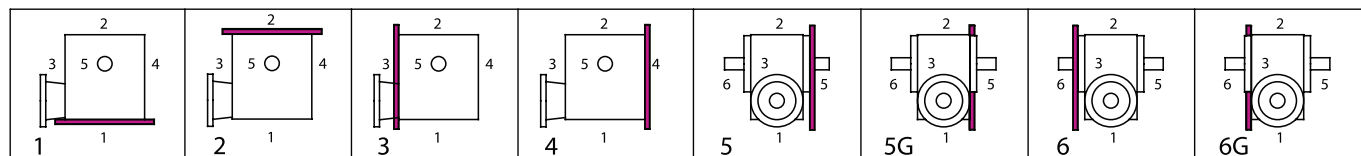
reduziert auf die Antriebswelle (n1) / reduced to the input shaft (n1)

Getriebegewichte

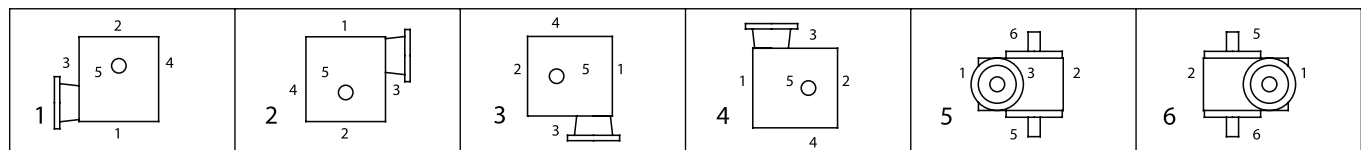
Gearbox Weights (kg)

| Übersetzung / Transmission Ratio | | | | | | | | | | ca. | | |
|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 5:1 | 7,5:1 | 10:1 | 13:1 | 15:1 | 20:1 | 26:1 | 30:1 | 40:1 | 53:1 | 62:1 | 83:1 | about |
| 2,0309 | 1,8127 | 1,6620 | 1,5676 | 1,6817 | 1,5796 | 1,5175 | 1,6490 | 1,5590 | 1,5048 | 1,5483 | 1,4982 | 14 |

V Befestigungsseite / Mounting Side



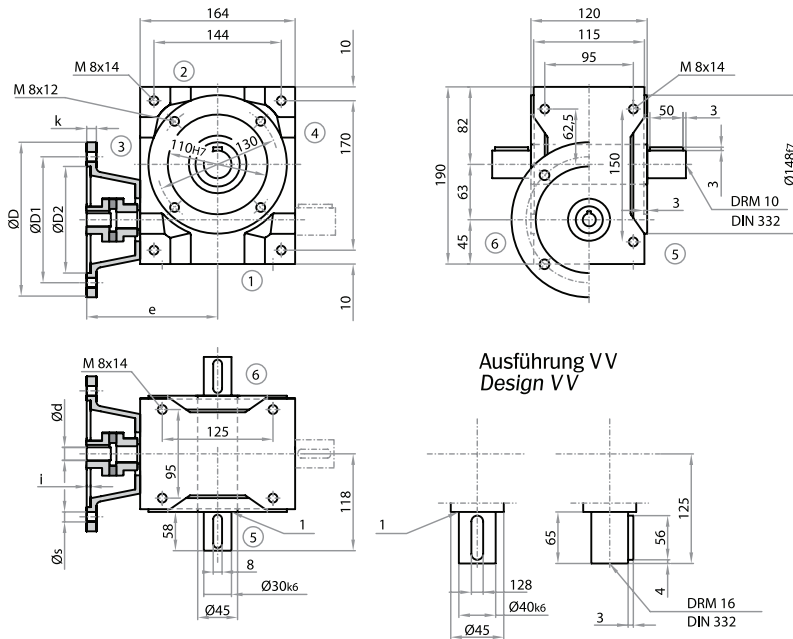
VI Einbaulagen (unten liegende Getriebeseite) / Mounting Configuration (downward-facing side)



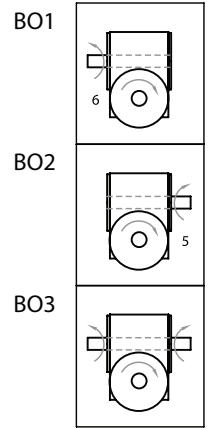
Bestellbeispiel / Example of Order

| | | | | | | | |
|--|---|--|-----------------------------------|--|---|--|----------------------|
| I Typ Type SL | Größe Size 050 | IV Übersetzung Ratio 10:1 | III Bauart Model B03 | V Befestigungs- Mounting Side 1 | VI Einbaulage Mounting Config. 1 | IV Drehzahl n2max Speed n2max 150 / 0000=Standard | Ausführung Design |
| II ø Flansch ø Flange D 140 | II Motorwelle (ø x Länge) Motor Shaft (ø x length) / 14 x 30 | | | | | | |

Typ SL 063



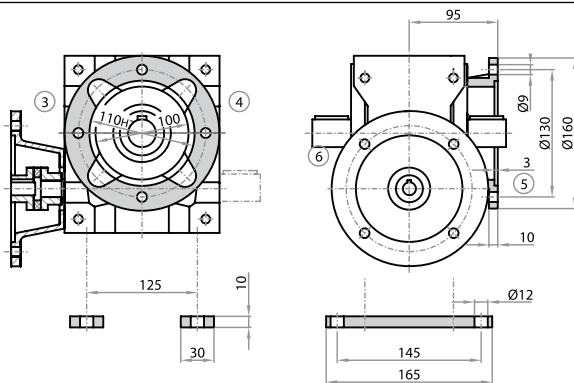
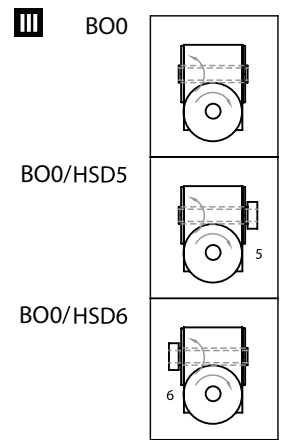
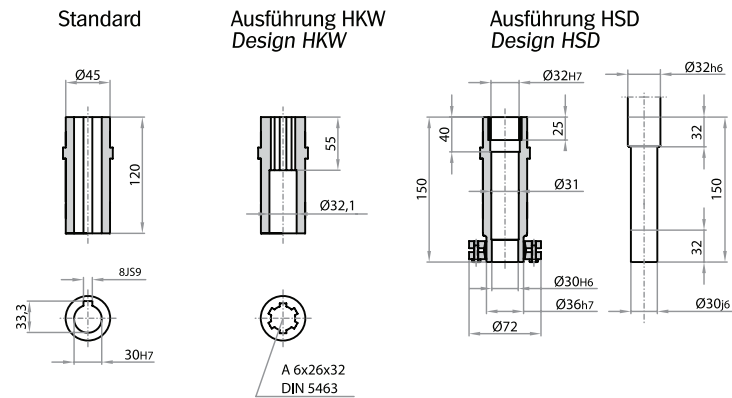
Bauart / Model



Achtung: Befestigungsgewindebohrungen im Gehäuse standardmäßig nur auf Seite 1 im Gehäuse und die Seiten 5 + 6 in den Deckeln. Weitere Gewindebohrungen auf Anfrage.

Note: Mounting holes in the housing are provided as standard only on side 1 in the housing and on sides 5 + 6 in the covers. Further tapped holes are possible on request.

Hohlwellenausführung / Hollow Shaft Design

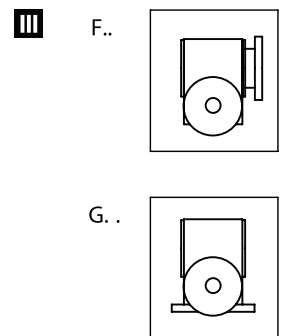


Anschraubflansch B5
(an Seite 5 oder 6)

Screw-on Flange B5
(on side 5 or 6)

Anschraubfussleisten
(für Seite 1, 2, 3 oder 4)

Screw-on Base Mounts
(on side 1, 2, 3, 4)



Abmessungen / Dimensions

*incl. Zwischenflansch / incl. connecting flange

| Flansch Abmessungen / flange dimensions | | | | | | |
|---|-----|-----|----|---|----|-----|
| D | D1 | D2 | s | i | k | e |
| 160 | 130 | 110 | 9 | 4 | 10 | 163 |
| 160* | 130 | 110 | 9 | 4 | 10 | 175 |
| 200 | 165 | 130 | 11 | 4 | 10 | 175 |
| 200* | 165 | 130 | 11 | 4 | 20 | 185 |

| passend für Motoranbau / compatible motor attachments | | | |
|---|------------|------------------|-----------------|
| Baugröße / size | D | Bauform / Design | Welle / shaft d |
| 071 | 160 | B 5 | 14 x 30 |
| 080 | 160 / 200 | B 14 / B 5 | 19 x 40 |
| 090 | 160* / 200 | B 14 / B 5 | 24 x 50 |
| 100 / 112 | 200* | B 14 | 28 x 60 |

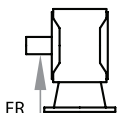
IV Leistungen, Drehmomente / Power Ratings, Torque Ratings

[n = min-1, P = kW, T = Nm]

| i = | n1 | 3000 | 1500 | 1000 | 750 | 500 | 150 |
|---------------|-------|--------|--------|--------|--------|--------|--------|
| 5:1 | n2 | 600 | 300 | 200 | 150 | 100 | 30 |
| (29:6) | P1N | 6,37 | 4,96 | 3,77 | 3,11 | 2,31 | 0,91 |
| T2max | T2N | 94,00 | 145,00 | 165,00 | 180,00 | 198,00 | 247,00 |
| 295 | Wirk, | 0,96 | 0,95 | 0,95 | 0,94 | 0,93 | 0,88 |
| | P1Nt | 5,80 | 4,25 | 3,56 | 3,15 | 2,67 | |
| 7,5:1 | n2 | 400 | 200 | 133 | 100 | 66 | 20 |
| (29:4) | P1N | 4,89 | 3,62 | 2,78 | 2,37 | 1,79 | 0,72 |
| T2max | T2N | 106,00 | 157,00 | 179,00 | 201,00 | 223,00 | 280,00 |
| 334 | Wirk, | 0,94 | 0,94 | 0,93 | 0,92 | 0,90 | 0,84 |
| | P1Nt | 4,63 | 3,26 | 2,72 | 2,41 | 2,06 | |
| 10:1 | n2 | 300 | 150 | 100 | 75 | 50 | 15 |
| (39:4) | P1N | 4,15 | 2,94 | 2,26 | 1,83 | 1,30 | 0,51 |
| T2max | T2N | 121,00 | 170,00 | 194,00 | 207,00 | 216,00 | 265,00 |
| 306 | Wirk, | 0,94 | 0,93 | 0,92 | 0,91 | 0,89 | 0,83 |
| | P1Nt | 4,16 | 2,89 | 2,41 | 2,15 | 1,86 | |
| 13:1 | n2 | 230 | 115 | 76 | 57 | 38 | 11 |
| (51:4) | P1N | 3,31 | 1,81 | 1,29 | 1,00 | 0,71 | 0,26 |
| T2max | T2N | 125,00 | 135,00 | 141,00 | 145,00 | 151,00 | 170,00 |
| 222 | Wirk, | 0,93 | 0,92 | 0,90 | 0,89 | 0,87 | 0,82 |
| | P1Nt | 3,68 | 2,53 | 2,12 | 1,90 | 1,66 | |
| 15:1 | n2 | 200 | 100 | 66 | 50 | 33 | 10 |
| (29:2) | P1N | 3,12 | 2,23 | 1,77 | 1,51 | 1,16 | 0,48 |
| T2max | T2N | 128,00 | 183,00 | 213,00 | 240,00 | 266,00 | 333,00 |
| 395 | Wirk, | 0,89 | 0,89 | 0,87 | 0,86 | 0,83 | 0,75 |
| | P1Nt | 2,80 | 1,95 | 1,62 | 1,44 | 1,23 | |
| 20:1 | n2 | 150 | 75 | 50 | 37 | 25 | 7,5 |
| (39:2) | P1N | 2,95 | 1,70 | 1,32 | 1,14 | 0,86 | 0,34 |
| T2max | T2N | 161,00 | 186,00 | 212,00 | 237,00 | 259,00 | 310,00 |
| 355 | Wirk, | 0,88 | 0,88 | 0,86 | 0,84 | 0,81 | 0,74 |
| | P1Nt | 2,52 | 1,73 | 1,44 | 1,29 | 1,12 | |

| i = | n1 | 3000 | 1500 | 1000 | 750 | 500 | 150 |
|---------------|-------|--------|--------|--------|--------|--------|--------|
| 26:1 | n2 | 115 | 57 | 38 | 28 | 19 | 5,8 |
| (51:2) | P1N | 1,89 | 1,25 | 0,90 | 0,71 | 0,51 | 0,19 |
| T2max | T2N | 132,00 | 173,00 | 181,00 | 187,00 | 195,00 | 222,00 |
| 295 | Wirk, | 0,86 | 0,85 | 0,83 | 0,81 | 0,78 | 0,71 |
| | P1Nt | 2,21 | 1,52 | 1,27 | 1,14 | 1,01 | |
| 30:1 | n2 | 100 | 50 | 33 | 25 | 16 | 5,0 |
| (29:1) | P1N | 1,94 | 1,38 | 1,11 | 0,97 | 0,75 | 0,36 |
| T2max | T2N | 143,00 | 204,00 | 237,00 | 268,00 | 296,00 | 403,00 |
| 437 | Wirk, | 0,80 | 0,80 | 0,77 | 0,75 | 0,71 | 0,61 |
| | P1Nt | 1,66 | 1,15 | 0,97 | 0,86 | 0,75 | |
| 40:1 | n2 | 75 | 37 | 25 | 18 | 12 | 3,8 |
| (39:1) | P1N | 1,54 | 1,08 | 0,85 | 0,74 | 0,57 | 0,24 |
| T2max | T2N | 149,00 | 207,00 | 237,00 | 264,00 | 288,00 | 348,00 |
| 360 | Wirk, | 0,78 | 0,77 | 0,75 | 0,72 | 0,68 | 0,59 |
| | P1Nt | 1,50 | 1,04 | 0,87 | 0,78 | 0,69 | |
| 53:1 | n2 | 57 | 28 | 18 | 14 | 9,4 | 2,8 |
| (51:1) | P1N | 1,16 | 0,80 | 0,58 | 0,47 | 0,34 | 0,14 |
| T2max | T2N | 143,00 | 191,00 | 200,00 | 207,00 | 217,00 | 248,00 |
| 310 | Wirk, | 0,76 | 0,74 | 0,71 | 0,68 | 0,65 | 0,56 |
| | P1Nt | 1,34 | 0,96 | 0,78 | 0,71 | 0,63 | |
| 62:1 | n2 | 48 | 24 | 16 | 12 | 8,1 | 2,4 |
| (61:1) | P1N | 0,82 | 0,66 | 0,53 | 0,46 | 0,34 | 0,12 |
| T2max | T2N | 110,00 | 175,00 | 202,00 | 221,00 | 226,00 | 226,00 |
| 240 | Wirk, | 0,69 | 0,68 | 0,65 | 0,62 | 0,57 | 0,47 |
| | P1Nt | 1,10 | 0,76 | 0,65 | 0,59 | 0,52 | |
| 83:1 | n2 | 36 | 18 | 12 | 9,0 | 6,0 | 1,8 |
| (82:1) | P1N | 0,75 | 0,46 | 0,33 | 0,26 | 0,19 | 0,07 |
| T2max | T2N | 129,00 | 152,00 | 152,00 | 152,00 | 152,00 | 152,00 |
| 246 | Wirk, | 0,66 | 0,63 | 0,59 | 0,56 | 0,52 | 0,44 |
| | P1Nt | 0,99 | 0,69 | 0,59 | 0,54 | 0,49 | |

Radialkräfte / Radial Forces (N)



| T2 Nm | n2 (1/min) | | | | | |
|----------|------------|------|------|------|------|------|
| | > 200 | 125 | 75 | 50 | 30 | 10 |
| < 220 | 2700 | 3150 | 3800 | 4500 | 5200 | 5200 |
| > 220 | 2080 | 2420 | 2920 | 3460 | 4000 | 4000 |

Weitere Erläuterungen und verstärkte Lagerungen siehe Allgemeines / For more information and reinforced bearings, refer to general information.
 Axialkräfte FA = 50% der Radialkräfte - siehe Allgemeines / Axial forces FA = 50% of radial forces - refer to general information.

Massenträgheitsmomente / Moments of Inertia J (kgcm²)

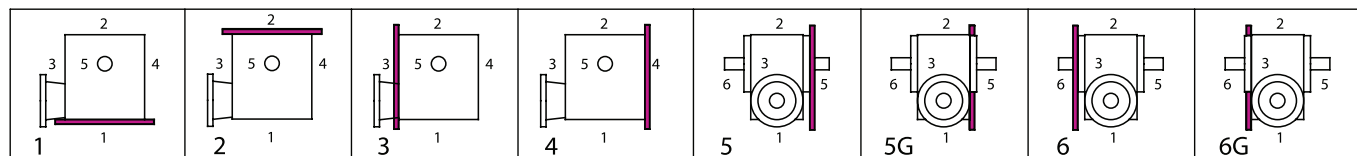
reduziert auf die Antriebswelle (n1) / reduced to the input shaft (n1)

| Übersetzung / Transmission Ratio | | | | | | | | | | ca. | | |
|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 5:1 | 7,5:1 | 10:1 | 13:1 | 15:1 | 20:1 | 26:1 | 30:1 | 40:1 | 53:1 | 62:1 | 83:1 | about |
| 3,2478 | 2,7223 | 2,2166 | 2,0168 | 2,4070 | 2,0245 | 1,8975 | 2,3282 | 1,9764 | 1,8674 | 2,0464 | 1,8750 | 21 |

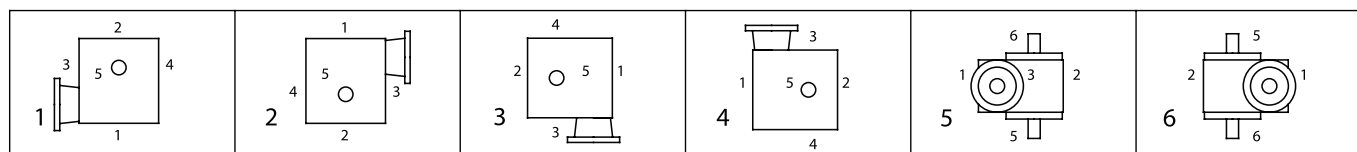
Getriebegewichte

Gearbox Weights (kg)

V Befestigungsseite / Mounting Side



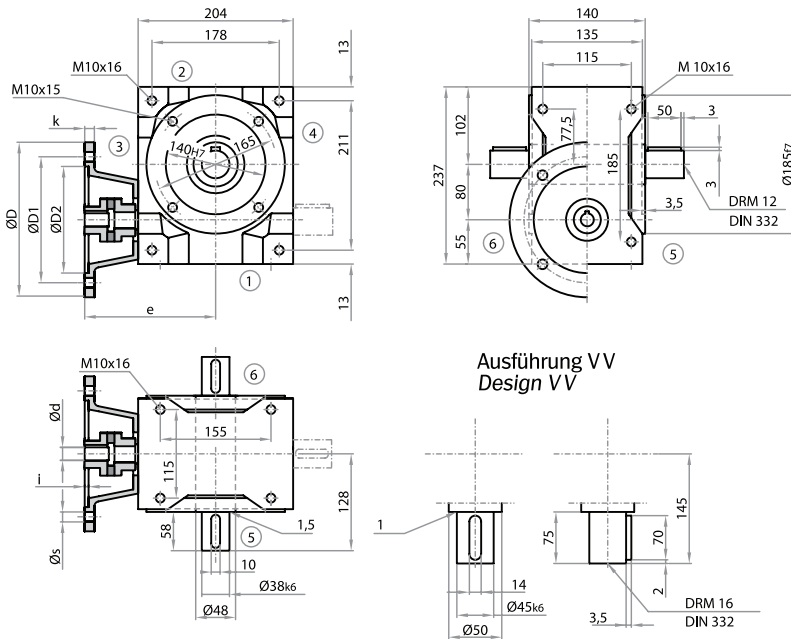
VI Einbaulagen (unten liegende Getriebeseite) / Mounting Configuration (downward-facing side)



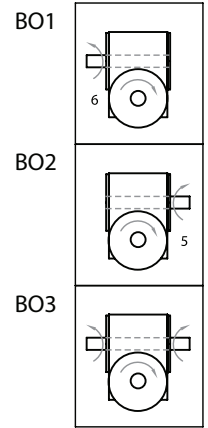
Bestellbeispiel / Example of Order

| | | | | | | | |
|--|---|--|-----------------------------------|--|---|--|----------------------|
| I Typ Type SL | Größe Size 063 | IV Übersetzung Ratio 10:1 | III Bauart Model B03 | V Befestigungs- Mounting Side 1 | VI Einbaulage Mounting Config. 1 | IV Drehzahl n2max Speed 150 / 0000=Standard | Ausführung Design |
| II ø Flansch ø Flange D 160 | II Motorwelle (ø x Länge) Motor Shaft (ø x length) / 19 x 40 | | | | | | |

■ Typ SL 080



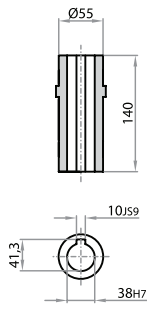
■ Bauart / Model



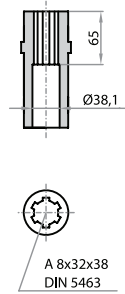
Achtung: Befestigungsgewindebohrungen im Gehäuse standardmäßig nur auf Seite 1 im Gehäuse und die Seiten 5 + 6 in den Deckeln. Weitere Gewindebohrungen auf Anfrage.
Note: Mounting holes in the housing are provided as standard only on side 1 in the housing and on sides 5 + 6 in the covers. Further tapped holes are possible on request.

Hohlwellenausführung / Hollow Shaft Design

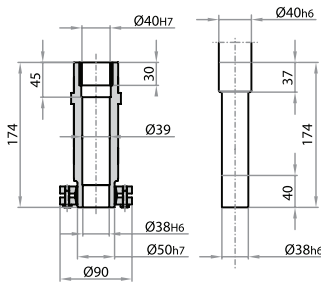
Standard



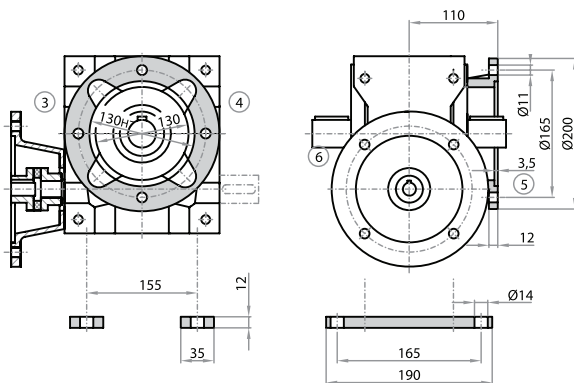
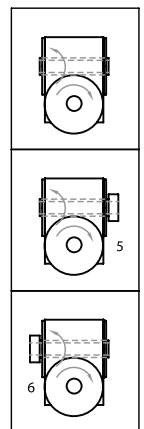
Ausführung HKW Design HKW



Ausführung HSD Design HSD



■ BO0



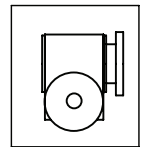
Anschraubflansch B5 (an Seite 5 oder 6)

Screw-on Flange B5 (on side 5 or 6)

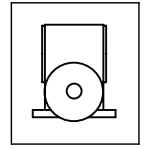
Anschraubfussleisten (für Seite 1, 2, 3 oder 4)

Screw-on Base Mounts (on side 1, 2, 3, 4)

■ F..



■ G..



■ Abmessungen / Dimensions

*incl. Zwischenflansch / incl. connecting flange

| Flansch Abmessungen / flange dimensions | | | | | | |
|---|-----|-----|----|---|----|-----|
| D | D1 | D2 | s | i | k | e |
| 160 | 130 | 110 | 9 | 4 | 10 | 183 |
| 160* | 130 | 110 | 9 | 4 | 10 | 195 |
| 200 | 165 | 130 | 11 | 4 | 10 | 195 |
| 200* | 165 | 130 | 11 | 4 | 20 | 205 |

| passend für Motoranbau / compatible motor attachments | | | |
|---|------------|------------------|-----------------|
| Baugröße / size | D | Bauform / Design | Welle / shaft d |
| 071 | 160 | B 5 | 14 x 30 |
| 080 | 160 / 200 | B 14 / B 5 | 19 x 40 |
| 090 | 160* / 200 | B 14 / B 5 | 24 x 50 |
| 100 / 112 | 200* | B 14 | 28 x 60 |

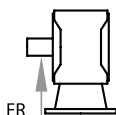
IV Leistungen, Drehmomente / Power Ratings, Torque Ratings

[n = min-1, P = kW, T = Nm]

| i = | n1 | 3000 | 1500 | 1000 | 750 | 500 | 150 |
|---------------|-------|--------|--------|--------|--------|--------|--------|
| 5:1 | n2 | 600 | 300 | 200 | 150 | 100 | 30 |
| (30:6) | P1N | 11,13 | 8,18 | 4,36 | 5,55 | 4,01 | 1,58 |
| T2max | T2N | 170,00 | 250,00 | 298,00 | 332,00 | 360,00 | 448,00 |
| 610 | Wirk, | 0,96 | 0,96 | 0,95 | 0,94 | 0,94 | 0,89 |
| | P1Nt | 8,62 | 6,68 | 5,70 | 5,05 | 4,24 | |
| 7,5:1 | n2 | 400 | 200 | 133 | 100 | 66 | 20 |
| (30:4) | P1N | 8,64 | 6,37 | 5,01 | 4,36 | 3,33 | 1,39 |
| T2max | T2N | 196,00 | 289,00 | 341,00 | 391,00 | 439,00 | 569,00 |
| 695 | Wirk, | 0,95 | 0,95 | 0,95 | 0,94 | 0,92 | 0,86 |
| | P1Nt | 6,69 | 5,14 | 4,37 | 3,88 | 3,27 | |
| 10:1 | n2 | 300 | 150 | 100 | 75 | 50 | 15 |
| (40:4) | P1N | 6,58 | 4,96 | 3,79 | 3,15 | 2,35 | 0,96 |
| T2max | T2N | 197,00 | 297,00 | 340,00 | 373,00 | 408,00 | 513,00 |
| 625 | Wirk, | 0,94 | 0,94 | 0,94 | 0,93 | 0,91 | 0,84 |
| | P1Nt | 5,92 | 4,47 | 3,79 | 3,36 | 2,86 | |
| 13:1 | n2 | 230 | 115 | 76 | 57 | 38 | 11 |
| (53:4) | P1N | 4,41 | 2,41 | 1,70 | 1,33 | 0,94 | 0,34 |
| T2max | T2N | 173,00 | 187,00 | 196,00 | 202,00 | 210,00 | 236,00 |
| 321 | Wirk, | 0,93 | 0,92 | 0,91 | 0,90 | 0,88 | 0,83 |
| | P1Nt | 5,27 | 3,91 | 3,32 | 2,96 | 2,56 | |
| 15:1 | n2 | 200 | 100 | 66 | 50 | 33 | 10 |
| (30:2) | P1N | 5,61 | 4,10 | 3,26 | 2,81 | 2,18 | 0,93 |
| T2max | T2N | 241,00 | 352,00 | 415,00 | 473,00 | 530,00 | 681,00 |
| 826 | Wirk, | 0,90 | 0,90 | 0,89 | 0,88 | 0,85 | 0,77 |
| | P1Nt | 4,08 | 3,09 | 2,62 | 2,32 | 1,97 | |
| 20:1 | n2 | 150 | 75 | 50 | 37 | 25 | 7,5 |
| (40:2) | P1N | 4,24 | 3,04 | 2,37 | 2,05 | 1,57 | 0,64 |
| T2max | T2N | 240,00 | 344,00 | 399,00 | 450,00 | 498,00 | 615,00 |
| 725 | Wirk, | 0,89 | 0,89 | 0,88 | 0,86 | 0,83 | 0,75 |
| | P1Nt | 3,59 | 2,67 | 2,26 | 2,01 | 1,72 | |

| i = | n1 | 3000 | 1500 | 1000 | 750 | 500 | 150 |
|---------------|-------|--------|--------|--------|--------|--------|--------|
| 26:1 | n2 | 115 | 57 | 38 | 28 | 19 | 5,8 |
| (53:2) | P1N | 2,83 | 1,67 | 1,19 | 0,94 | 0,68 | 0,25 |
| T2max | T2N | 210,00 | 245,00 | 256,00 | 264,00 | 275,00 | 312,00 |
| 432 | Wirk, | 0,88 | 0,87 | 0,85 | 0,83 | 0,80 | 0,73 |
| | P1Nt | 3,19 | 2,34 | 1,99 | 1,78 | 1,55 | |
| 30:1 | n2 | 100 | 50 | 33 | 25 | 16 | 5,0 |
| (30:1) | P1N | 3,47 | 2,52 | 2,03 | 1,78 | 1,38 | 0,63 |
| T2max | T2N | 272,00 | 395,00 | 465,00 | 530,00 | 593,00 | 760,00 |
| 920 | Wirk, | 0,82 | 0,82 | 0,80 | 0,78 | 0,75 | 0,63 |
| | P1Nt | 2,41 | 1,81 | 1,54 | 1,38 | 1,18 | |
| 40:1 | n2 | 75 | 37 | 25 | 18 | 12 | 3,8 |
| (40:1) | P1N | 2,62 | 1,87 | 1,49 | 1,31 | 1,02 | 0,40 |
| T2max | T2N | 267,00 | 381,00 | 443,00 | 501,00 | 553,00 | 625,00 |
| 780 | Wirk, | 0,80 | 0,80 | 0,78 | 0,75 | 0,71 | 0,61 |
| | P1Nt | 2,14 | 1,58 | 1,35 | 1,21 | 1,05 | |
| 53:1 | n2 | 57 | 28 | 18 | 14 | 9,4 | 2,8 |
| (53:1) | P1N | 1,78 | 1,04 | 0,76 | 0,61 | 0,45 | 0,18 |
| T2max | T2N | 234,00 | 271,00 | 284,00 | 294,00 | 308,00 | 352,00 |
| 480 | Wirk, | 0,78 | 0,77 | 0,74 | 0,71 | 0,68 | 0,58 |
| | P1Nt | 1,93 | 1,41 | 1,20 | 1,09 | 0,96 | |
| 62:1 | n2 | 48 | 24 | 16 | 12 | 8,1 | 2,4 |
| (62:1) | P1N | 1,40 | 1,01 | 0,81 | 0,69 | 0,54 | 0,23 |
| T2max | T2N | 194,00 | 279,00 | 325,00 | 352,00 | 393,00 | 448,00 |
| 480 | Wirk, | 0,70 | 0,70 | 0,68 | 0,65 | 0,61 | 0,49 |
| | P1Nt | 1,55 | 1,15 | 0,98 | 0,89 | 0,78 | |
| 83:1 | n2 | 36 | 18 | 12 | 9,0 | 6,0 | 1,8 |
| (82:1) | P1N | 1,10 | 0,90 | 0,64 | 0,49 | 0,35 | 0,13 |
| T2max | T2N | 196,00 | 304,00 | 304,00 | 304,00 | 304,00 | 304,00 |
| 510 | Wirk, | 0,68 | 0,65 | 0,61 | 0,59 | 0,55 | 0,46 |
| | P1Nt | 1,43 | 1,04 | 0,90 | 0,82 | 0,73 | |

Radialkräfte / Radial Forces (N)



| T2 | n2 (1/min) | | | | | |
|-------|------------|------|------|------|------|------|
| Nm | > 200 | 125 | 75 | 50 | 30 | 10 |
| < 430 | 3300 | 3750 | 4500 | 5300 | 6300 | 7600 |
| > 430 | 2640 | 3000 | 3600 | 4240 | 5040 | 6080 |

Weitere Erläuterungen und verstärkte Lagerungen siehe Allgemeines / For more information and reinforced bearings, refer to general information.
 Axialkräfte FA = 50% der Radialkräfte - siehe Allgemeines / Axial forces FA = 50% of radial forces - refer to general information.

Massenträgheitsmomente / Moments of Inertia J (kgcm²)

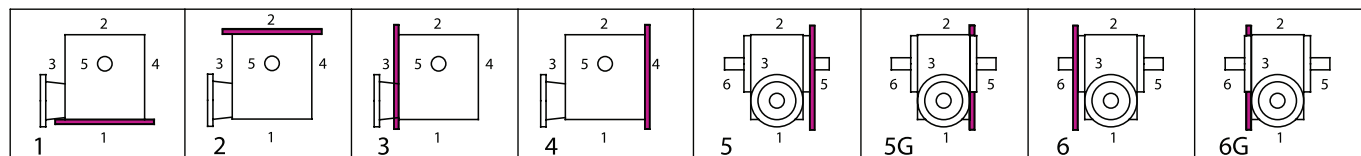
reduziert auf die Antriebswelle (n1) / reduced to the input shaft (n1)

Getriebegewichte

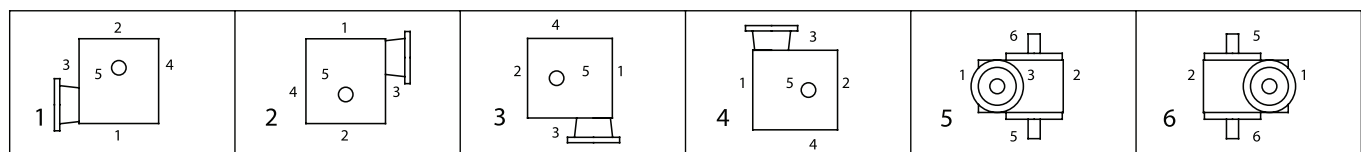
Gearbox Weights (kg)

| Übersetzung / Transmission Ratio | | | | | | | | | | | ca. | |
|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 5:1 | 7,5:1 | 10:1 | 13:1 | 15:1 | 20:1 | 26:1 | 30:1 | 40:1 | 53:1 | 62:1 | 83:1 | about |
| 6,8995 | 5,2967 | 4,0360 | 3,3434 | 4,3350 | 3,4777 | 2,9866 | 4,0945 | 3,3381 | 2,8963 | 3,5888 | 2,9911 | 33 |

V Befestigungsseite / Mounting Side



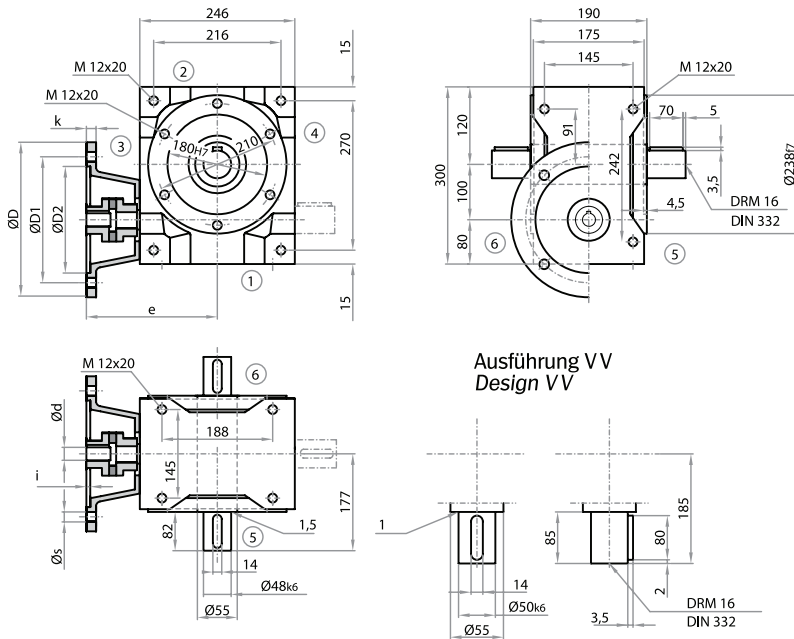
VI Einbaulagen (unten liegende Getriebeseite) / Mounting Configuration (downward-facing side)



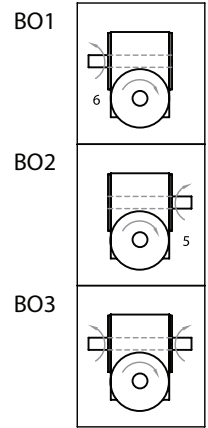
Bestellbeispiel / Example of Order

| | | | | | | | |
|--|---|--|-----------------------------------|--|---|--|---------------------------------------|
| I Typ Type SL | Größe Size Ø80 | IV Übersetzung Ratio 10:1 | III Bauart Model B03 | V Befestigungs- Mounting Side 1 | VI Einbaulage Mounting Config. 1 | IV Drehzahl n2max Speed n2max 150 / 0000=Standard | Ausführung Design 0000=Standard |
| II ø Flansch ø Flange D 200 | II Motorwelle (ø x Länge) Motor Shaft (ø x length) / 24 x 50 | | | | | | |

■ Typ SL 100

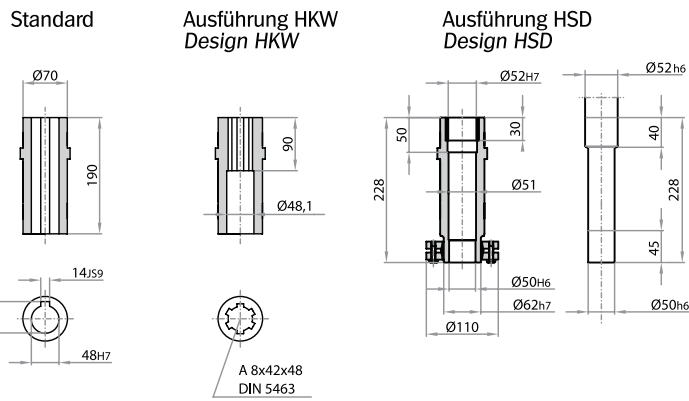


■ Bauart / Model

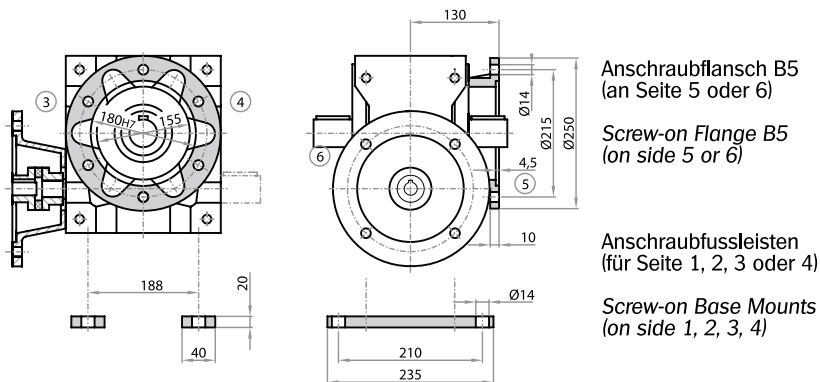
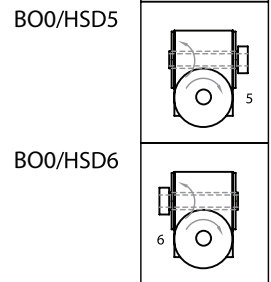


Achtung: Befestigungsgewindebohrungen im Gehäuse standardmäßig nur auf Seite 1 im Gehäuse und die Seiten 5 + 6 in den Deckeln. Weitere Gewindebohrungen auf Anfrage.
Note: Mounting holes in the housing are provided as standard only on side 1 in the housing and on sides 5 + 6 in the covers. Further tapped holes are possible on request.

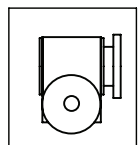
Hohlwellenausführung / Hollow Shaft Design



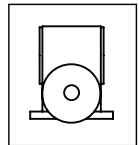
■ BO0



■ F..



■ G..



■ Abmessungen / Dimensions

| Flansch Abmessungen / flange dimensions | | | | | | |
|---|-----|-----|-----|---|----|-----|
| D | D1 | D2 | s | i | k | e |
| 200 | 165 | 130 | M10 | 4 | 18 | 235 |
| 250 | 215 | 180 | 14 | 5 | 18 | 245 |
| 300 | 265 | 230 | 14 | 5 | 18 | 265 |

| passend für Motoranbau / compatible motor attachments | | | |
|---|-----|------------------|-----------------|
| Baugröße / size | D | Bauform / Design | Welle / shaft d |
| 090 | 200 | B 5 | 24 x 50 |
| 100 / 112 | 250 | B 5 | 28 x 60 |
| 132 | 300 | B 5 | 38 x 80 |
| 160 | 350 | B 5 | 48 x 110 |

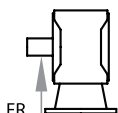
IV Leistungen, Drehmomente / Power Ratings, Torque Ratings

[n = min-1, P = kW, T = Nm]

| i = | n1 | 3000 | 1500 | 1000 | 750 | 500 | 150 |
|---------------|-------|--------|--------|--------|--------|---------|---------|
| 5:1 | n2 | 600 | 300 | 200 | 150 | 100 | 30 |
| (30:6) | P1N | 29,45 | 19,31 | 14,99 | 12,45 | 9,47 | 4,01 |
| T2max | T2N | 450,00 | 590,00 | 680,00 | 745,00 | 850,00 | 1150,00 |
| 1190 | Wirk, | 0,96 | 0,96 | 0,95 | 0,94 | 0,94 | 0,90 |
| | P1Nt | 11,30 | 8,60 | 7,55 | 6,87 | 5,96 | |
| 7,5:1 | n2 | 400 | 200 | 133 | 100 | 66 | 20 |
| (30:4) | P1N | 22,62 | 14,33 | 10,92 | 9,10 | 7,00 | 3,03 |
| T2max | T2N | 513,00 | 650,00 | 743,00 | 817,00 | 932,00 | 1258,00 |
| 1360 | Wirk, | 0,95 | 0,95 | 0,95 | 0,94 | 0,93 | 0,87 |
| | P1Nt | 9,06 | 6,85 | 5,99 | 5,43 | 4,71 | |
| 10:1 | n2 | 300 | 150 | 100 | 75 | 50 | 15 |
| (40:4) | P1N | 18,55 | 11,75 | 8,95 | 7,45 | 5,79 | 2,02 |
| T2max | T2N | 555,00 | 703,00 | 803,00 | 882,00 | 1006,00 | 1095,00 |
| 1090 | Wirk, | 0,94 | 0,94 | 0,94 | 0,93 | 0,91 | 0,85 |
| | P1Nt | 8,57 | 6,35 | 5,49 | 4,95 | 4,30 | |
| 13:1 | n2 | 230 | 115 | 76 | 57 | 38 | 11 |
| (52:4) | P1N | 11,09 | 6,09 | 4,30 | 3,37 | 2,37 | 0,85 |
| T2max | T2N | 427,00 | 464,00 | 486,00 | 502,00 | 523,00 | 586,00 |
| 736 | Wirk, | 0,93 | 0,92 | 0,91 | 0,90 | 0,89 | 0,83 |
| | P1Nt | 7,87 | 5,73 | 4,92 | 4,43 | 3,85 | |
| 15:1 | n2 | 200 | 100 | 66 | 50 | 33 | 10 |
| (30:2) | P1N | 13,12 | 8,32 | 6,41 | 5,34 | 4,16 | 1,88 |
| T2max | T2N | 564,00 | 715,00 | 817,00 | 898,00 | 1025,00 | 1386,00 |
| 1610 | Wirk, | 0,90 | 0,90 | 0,89 | 0,88 | 0,86 | 0,77 |
| | P1Nt | 5,76 | 4,31 | 3,75 | 3,40 | 2,95 | |
| 20:1 | n2 | 150 | 75 | 50 | 37 | 25 | 7,5 |
| (40:2) | P1N | 10,84 | 6,87 | 5,28 | 4,45 | 3,47 | 1,49 |
| T2max | T2N | 614,00 | 778,00 | 888,00 | 975,00 | 1112,00 | 1441,00 |
| 1440 | Wirk, | 0,89 | 0,89 | 0,88 | 0,86 | 0,84 | 0,76 |
| | P1Nt | 5,44 | 3,99 | 3,44 | 3,10 | 2,69 | |

| i = | n1 | 3000 | 1500 | 1000 | 750 | 500 | 150 |
|---------------|-------|--------|--------|--------|---------|---------|---------|
| 26:1 | n2 | 115 | 57 | 38 | 28 | 19 | 5,8 |
| (52:2) | P1N | 7,63 | 4,20 | 3,00 | 2,38 | 1,72 | 0,64 |
| T2max | T2N | 556,00 | 605,00 | 634,00 | 655,00 | 683,00 | 773,00 |
| 980 | Wirk, | 0,88 | 0,87 | 0,85 | 0,83 | 0,80 | 0,73 |
| | P1Nt | 4,94 | 3,57 | 3,06 | 2,75 | 2,40 | |
| 30:1 | n2 | 100 | 50 | 33 | 25 | 16 | 5,0 |
| (30:1) | P1N | 7,53 | 4,78 | 3,60 | 3,19 | 2,51 | 1,18 |
| T2max | T2N | 590,00 | 748,00 | 825,00 | 950,00 | 1080,00 | 1437,00 |
| 1765 | Wirk, | 0,82 | 0,82 | 0,80 | 0,78 | 0,75 | 0,64 |
| | P1Nt | 3,50 | 2,60 | 2,27 | 2,06 | 1,81 | |
| 40:1 | n2 | 75 | 37 | 25 | 18 | 12 | 3,8 |
| (40:1) | P1N | 6,33 | 4,01 | 3,13 | 2,65 | 2,13 | 1,00 |
| T2max | T2N | 645,00 | 817,00 | 933,00 | 1025,00 | 1169,00 | 1581,00 |
| 1582 | Wirk, | 0,80 | 0,80 | 0,78 | 0,76 | 0,72 | 0,62 |
| | P1Nt | 3,32 | 2,42 | 2,09 | 1,90 | 1,67 | |
| 53:1 | n2 | 57 | 28 | 18 | 14 | 9,4 | 2,8 |
| (52:1) | P1N | 4,76 | 2,63 | 1,92 | 1,53 | 1,11 | 0,45 |
| T2max | T2N | 615,00 | 670,00 | 704,00 | 728,00 | 762,00 | 870,00 |
| 1080 | Wirk, | 0,78 | 0,77 | 0,74 | 0,72 | 0,69 | 0,59 |
| | P1Nt | 3,04 | 2,19 | 1,88 | 1,71 | 1,51 | |
| 62:1 | n2 | 48 | 24 | 16 | 12 | 8,1 | 2,4 |
| (63:1) | P1N | 4,59 | 2,91 | 2,17 | 1,70 | 1,21 | 0,44 |
| T2max | T2N | 645,00 | 817,00 | 886,00 | 886,00 | 886,00 | 886,00 |
| 1040 | Wirk, | 0,70 | 0,70 | 0,68 | 0,65 | 0,61 | 0,50 |
| | P1Nt | 2,39 | 1,74 | 1,52 | 1,39 | 1,24 | |
| 83:1 | n2 | 36 | 18 | 12 | 9,0 | 6,0 | 1,8 |
| (82:1) | P1N | 3,33 | 1,74 | 1,23 | 0,94 | 0,67 | 0,24 |
| T2max | T2N | 591,00 | 599,00 | 599,00 | 599,00 | 599,00 | 599,00 |
| 1000 | Wirk, | 0,68 | 0,66 | 0,62 | 0,61 | 0,57 | 0,47 |
| | P1Nt | 2,24 | 1,61 | 1,40 | 1,28 | 1,15 | |

Radialkräfte / Radial Forces (N)



| T2 | n2 (1/min) | | | | | |
|-------|------------|------|------|------|------|------|
| Nm | > 200 | 125 | 75 | 50 | 30 | 10 |
| < 800 | 3650 | 4000 | 4750 | 5600 | 6700 | 9500 |
| > 800 | 2920 | 3200 | 3800 | 4480 | 5360 | 7600 |

Weitere Erläuterungen und verstärkte Lagerungen siehe Allgemeines / For more information and reinforced bearings, refer to general information.
 Axialkräfte FA = 50% der Radialkräfte - siehe Allgemeines / Axial forces FA = 50% of radial forces - refer to general information.

Massenträgheitsmomente / Moments of Inertia J (kgcm²)

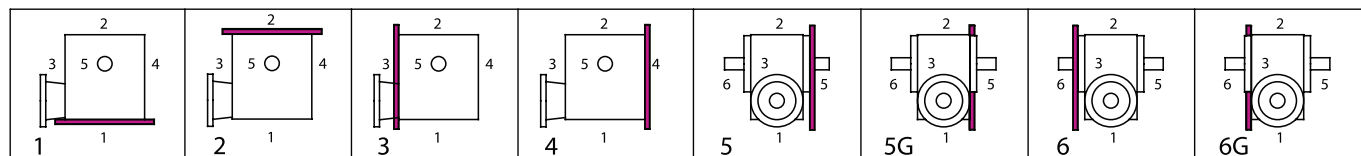
reduziert auf die Antriebswelle (n1) / reduced to the input shaft (n1)

Getriebegewichte

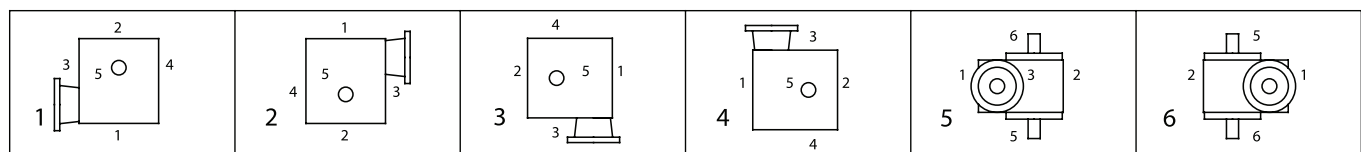
Gearbox Weights (kg)

| Übersetzung / Transmission Ratio | | | | | | | | | | | ca. | |
|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 5:1 | 7,5:1 | 10:1 | 13:1 | 15:1 | 20:1 | 26:1 | 30:1 | 40:1 | 53:1 | 62:1 | 83:1 | about |
| 30,628 | 26,125 | 22,280 | 20,534 | 23,423 | 20,624 | 19,586 | 22,747 | 20,210 | 19,346 | 20,813 | 19,591 | 55 |

V Befestigungsseite / Mounting Side



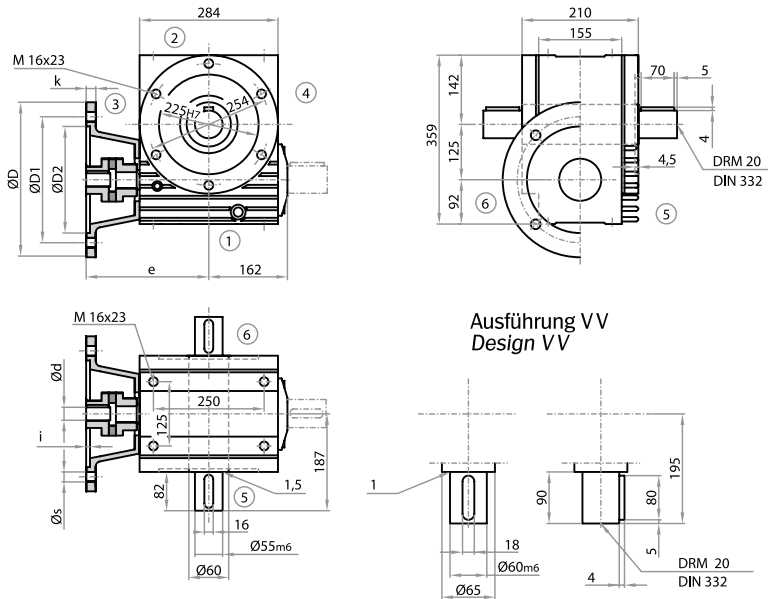
VI Einbautagen (unten liegende Getriebeseite) / Mounting Configuration (downward-facing side)



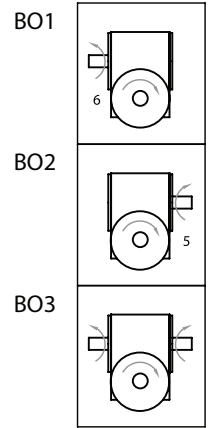
Bestellbeispiel / Example of Order

| | | | | | | | |
|--|---|--|-----------------------------------|--|---|--|----------------------|
| I Typ Type SL | Größe Size 100 | IV Übersetzung Ratio 10:1 | III Bauart Model B03 | V Befestigungs- Mounting Side 1 | VI Einbautage Mounting Config. 1 | IV Drehzahl n2max Speed n2max 150 / 0000=Standard | Ausführung Design |
| II ø Flansch ø Flange D 250 | II Motorwelle (ø x Länge) Motor Shaft (ø x length) / 28 x 60 | | | | | | |

■ Typ SL 125



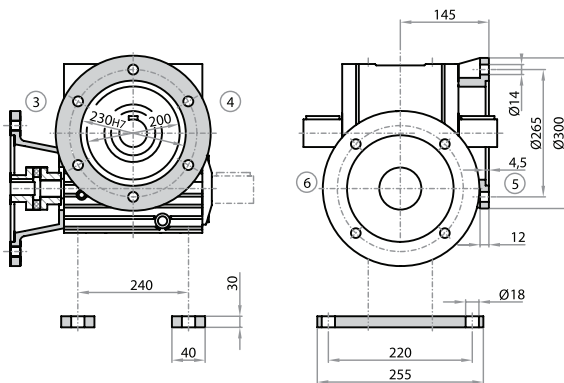
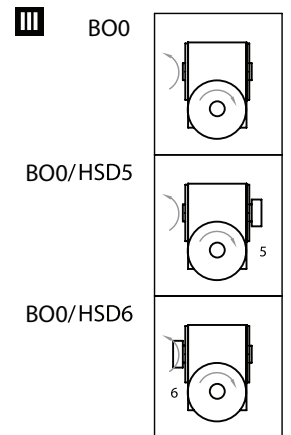
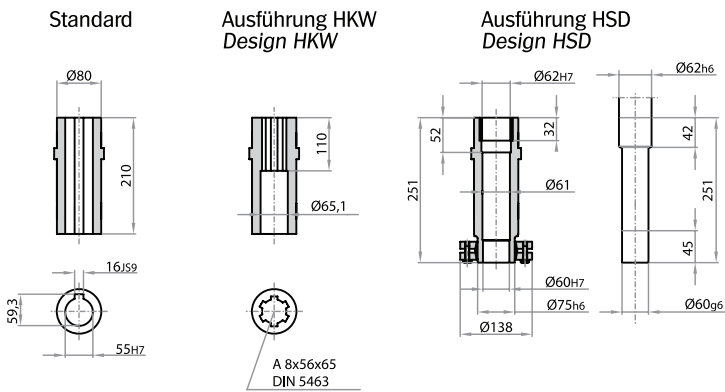
■ Bauart / Model



Achtung: Befestigungsgewindebohrungen im Gehäuse standardmäßig nur auf Seite 1 + 2 im Gehäuse und die Seiten 5 + 6 in den Deckeln.

Note: Mounting holes in the housing are provided as standard only on side 1 + 2 in the housing and on sides 5 + 6 in the covers.

Hohlwellenausführung / Hollow Shaft Design

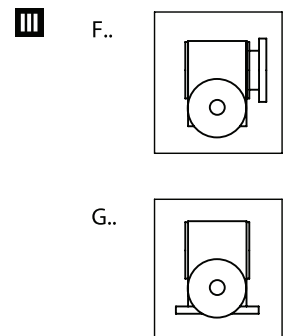


Anschraubflansch B5 (an Seite 5 oder 6)

Screw-on Flange B5 (on side 5 or 6)

Anschraubfussleisten (für Seite 1 oder 2)

Screw-on Base Mounts (on side 1 or 2)



■ Abmessungen / Dimensions

| Flansch Abmessungen / flange dimensions | | | | | | |
|---|-----|-----|-----|---|----|-----|
| D | D1 | D2 | s | i | k | e |
| 200 | 165 | 130 | M10 | 4 | 18 | 257 |
| 250 | 215 | 180 | 14 | 5 | 18 | 267 |
| 300 | 265 | 230 | 14 | 5 | 18 | 287 |
| 350 | 300 | 250 | 18 | 6 | 18 | 327 |

| passend für Motoranbau / compatible motor attachments | | | |
|---|-----|------------------|-----------------|
| Baugröße / size | D | Bauform / Design | Welle / shaft d |
| 090 | 200 | B 5 | 24 x 50 |
| 100 / 112 | 250 | B 5 | 28 x 60 |
| 132 | 300 | B 5 | 38 x 80 |
| 160 | 350 | B 5 | 42 x 110 |

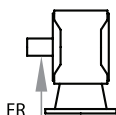
IV Leistungen, Drehmomente / Power Ratings, Torque Ratings

[n = min-1, P = kW, T = Nm]

| i = | n1 | 3000 | 1500 | 1000 | 750 | 500 | 150 |
|---------------|-------|--------|--------|--------|--------|--------|--------|
| 5:1 | n2 | 600 | 300 | 200 | 150 | 100 | 30 |
| (29:6) | P1N | 42,41 | 30,32 | 23,15 | 19,34 | 14,72 | 6,29 |
| T2max | T2N | 626,00 | 895,00 | 1025,0 | 1130,0 | 1290,0 | 1760,0 |
| 2250 | Wirk, | 0,96 | 0,96 | 0,96 | 0,95 | 0,95 | 0,91 |
| | P1Nt | 17,93 | 14,48 | 13,01 | 11,94 | 10,40 | |
| 7,5:1 | n2 | 400 | 200 | 133 | 100 | 66 | 20 |
| (29:4) | P1N | 35,71 | 22,49 | 17,13 | 14,13 | 11,03 | 4,96 |
| T2max | T2N | 783,00 | 986,00 | 1127,0 | 1239,0 | 1436,0 | 2016,0 |
| 2250 | Wirk, | 0,95 | 0,95 | 0,95 | 0,95 | 0,94 | 0,88 |
| | P1Nt | 14,40 | 11,53 | 10,31 | 9,44 | 8,20 | |
| 10:1 | n2 | 300 | 150 | 100 | 75 | 50 | 15 |
| (40:4) | P1N | 28,41 | 17,86 | 13,61 | 11,22 | 8,62 | 3,78 |
| T2max | T2N | 850,00 | 1069,0 | 1222,0 | 1343,0 | 1532,0 | 2092,0 |
| 2250 | Wirk, | 0,94 | 0,94 | 0,94 | 0,94 | 0,93 | 0,87 |
| | P1Nt | 13,62 | 10,68 | 9,41 | 8,54 | 7,37 | |
| 13:1 | n2 | 230 | 115 | 76 | 57 | 38 | 11 |
| (52:4) | P1N | 18,19 | 10,02 | 7,00 | 5,42 | 3,86 | 1,37 |
| T2max | T2N | 700,00 | 763,00 | 800,00 | 826,00 | 862,00 | 966,00 |
| 1190 | Wirk, | 0,93 | 0,92 | 0,92 | 0,92 | 0,90 | 0,85 |
| | P1Nt | 12,83 | 9,84 | 8,56 | 7,72 | 6,65 | |
| 15:1 | n2 | 200 | 100 | 66 | 50 | 33 | 10 |
| (29:2) | P1N | 20,06 | 12,61 | 10,01 | 8,88 | 6,91 | 3,21 |
| T2max | T2N | 862,00 | 1084,0 | 1290,0 | 1510,0 | 1743,0 | 2423,0 |
| 2250 | Wirk, | 0,90 | 0,90 | 0,90 | 0,89 | 0,88 | 0,79 |
| | P1Nt | 9,13 | 7,24 | 6,44 | 5,88 | 5,10 | |
| 20:1 | n2 | 150 | 75 | 50 | 37 | 25 | 7,5 |
| (40:2) | P1N | 16,59 | 10,44 | 7,95 | 6,74 | 5,23 | 2,33 |
| T2max | T2N | 940,00 | 1183,0 | 1352,0 | 1510,0 | 1717,0 | 2310,0 |
| 2392 | Wirk, | 0,89 | 0,89 | 0,89 | 0,88 | 0,86 | 0,78 |
| | P1Nt | 8,61 | 6,68 | 5,86 | 5,31 | 4,58 | |

| i = | n1 | 3000 | 1500 | 1000 | 750 | 500 | 150 |
|---------------|-------|--------|--------|--------|--------|--------|--------|
| 26:1 | n2 | 115 | 57 | 38 | 28 | 19 | 5,8 |
| (52:2) | P1N | 12,76 | 7,03 | 4,97 | 3,90 | 2,78 | 1,04 |
| T2max | T2N | 929,00 | 1012,0 | 1062,0 | 1097,0 | 1146,0 | 1294,0 |
| 1630 | Wirk, | 0,88 | 0,87 | 0,86 | 0,85 | 0,83 | 0,75 |
| | P1Nt | 8,09 | 6,14 | 5,32 | 4,80 | 4,14 | |
| 30:1 | n2 | 100 | 50 | 33 | 25 | 16 | 5,0 |
| (29:1) | P1N | 11,76 | 7,49 | 6,38 | 5,65 | 4,52 | 1,86 |
| T2max | T2N | 901,00 | 1134,0 | 1448,0 | 1690,0 | 1952,0 | 2270,0 |
| 2270 | Wirk, | 0,83 | 0,82 | 0,82 | 0,81 | 0,78 | 0,66 |
| | P1Nt | 5,50 | 4,31 | 3,83 | 3,51 | 3,08 | |
| 40:1 | n2 | 75 | 37 | 25 | 18 | 12 | 3,8 |
| (40:1) | P1N | 9,57 | 6,10 | 4,81 | 4,25 | 3,35 | 1,42 |
| T2max | T2N | 987,00 | 1242,0 | 1470,0 | 1690,0 | 1922,0 | 2310,0 |
| 2320 | Wirk, | 0,81 | 0,80 | 0,80 | 0,78 | 0,75 | 0,64 |
| | P1Nt | 5,22 | 4,00 | 3,52 | 3,20 | 2,79 | |
| 53:1 | n2 | 57 | 28 | 18 | 14 | 9,4 | 2,8 |
| (52:1) | P1N | 7,93 | 4,44 | 3,15 | 2,48 | 1,83 | 0,73 |
| T2max | T2N | 1037,0 | 1132,0 | 1189,0 | 1230,0 | 1289,0 | 1470,0 |
| 1810 | Wirk, | 0,79 | 0,77 | 0,76 | 0,75 | 0,71 | 0,61 |
| | P1Nt | 4,93 | 3,71 | 3,23 | 2,93 | 2,56 | |
| 62:1 | n2 | 48 | 24 | 16 | 12 | 8,1 | 2,4 |
| (62:1) | P1N | 6,86 | 4,37 | 3,38 | 2,87 | 2,25 | 0,84 |
| T2max | T2N | 988,00 | 1243,0 | 1421,0 | 1562,0 | 1731,0 | 1731,0 |
| 2010 | Wirk, | 0,73 | 0,72 | 0,71 | 0,69 | 0,65 | 0,52 |
| | P1Nt | 3,75 | 2,86 | 2,52 | 2,32 | 2,05 | |
| 83:1 | n2 | 36 | 18 | 12 | 9,0 | 6,0 | 1,8 |
| (83:1) | P1N | 5,72 | 3,30 | 2,23 | 1,73 | 1,23 | 0,46 |
| T2max | T2N | 1043,0 | 1167,0 | 1167,0 | 1167,0 | 1167,0 | 1167,0 |
| 1950 | Wirk, | 0,69 | 0,67 | 0,66 | 0,64 | 0,60 | 0,48 |
| | P1Nt | 3,55 | 2,66 | 2,33 | 2,13 | 1,89 | |

Radialkräfte / Radial Forces (N)



| T2 | n2 (1/min) | | | | | |
|--------|------------|------|------|------|------|-------|
| Nm | > 200 | 125 | 75 | 50 | 30 | 10 |
| < 1300 | 4700 | 5300 | 6300 | 7500 | 9000 | 11000 |
| > 1300 | 3760 | 4240 | 5040 | 6000 | 7200 | 8800 |

Weitere Erläuterungen und verstärkte Lagerungen siehe Allgemeines / For more information and reinforced bearings, refer to general information.
 Axialkräfte FA = 50% der Radialkräfte - siehe Allgemeines / Axial forces FA = 50% of radial forces - refer to general information.

Massenträgheitsmomente / Moments of Inertia J (kgcm²)

reduziert auf die Antriebswelle (n1) / reduced to the input shaft (n1)

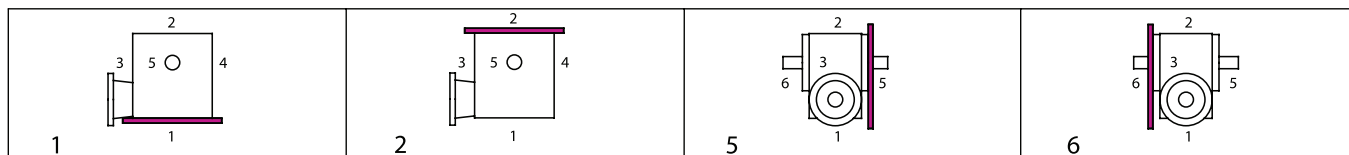
| Übersetzung / Transmission Ratio | | | | | | | | | | | |
|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 5:1 | 7,5:1 | 10:1 | 13:1 | 15:1 | 20:1 | 26:1 | 30:1 | 40:1 | 53:1 | 62:1 | 83:1 |
| 50,022 | 43,961 | 34,833 | 30,787 | 40,324 | 32,176 | 28,960 | 39,415 | 31,512 | 28,498 | 33,308 | 29,294 |

Getriebegewichte

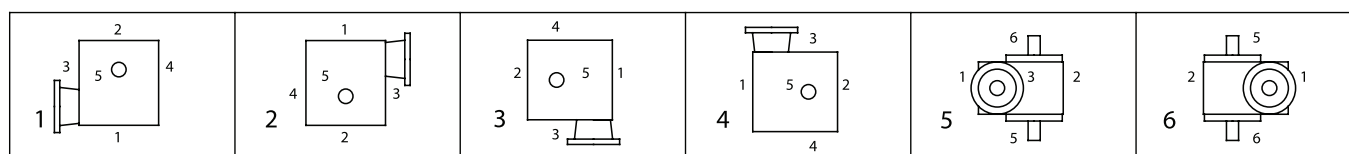
Gearbox Weights (kg)

| ca. about |
|-----------|
| 85 |

V Befestigungsseite / Mounting Side



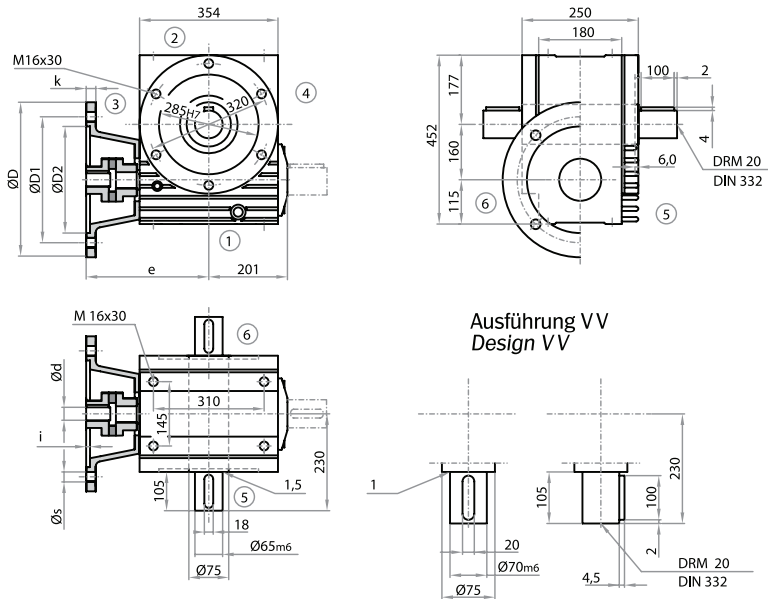
VI Einbaulagen (unten liegende Getriebeseite) / Mounting Configuration (downward-facing side)



Bestellbeispiel / Example of Order

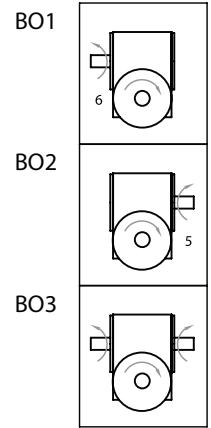
| I | Typ | Größe | IV | Übersetzung | III | Bauart | V | Befestigungs- | VI | Einbaulage | IV | Drehzahl | n2max | Ausführung |
|----|-----------|----------|-------|-------------|------------------------|--------------------------|------------------|---------------------|-------|------------|----|----------|-------|------------|
| SL | Type | Size | Ratio | Model | III | Mounting Side | Mounting Config. | Speed | n2max | Design | | | | |
| | SL | 125 | 10:1 | B03 | 1 | 1 | 1 | 150 / 0000=Standard | | | | | | |
| II | ø Flansch | ø Flange | D 300 | II | Motorwelle (ø x Länge) | Motor Shaft (ø x length) | / | 38 x 80 | | | | | | |

■ Typ SL 160

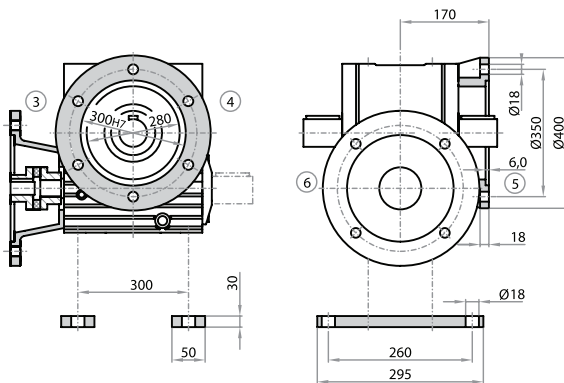
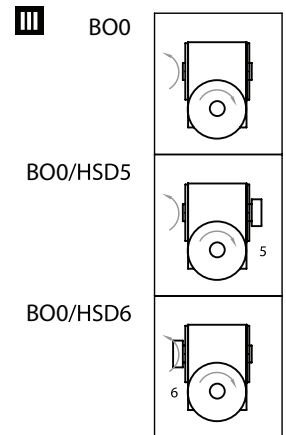
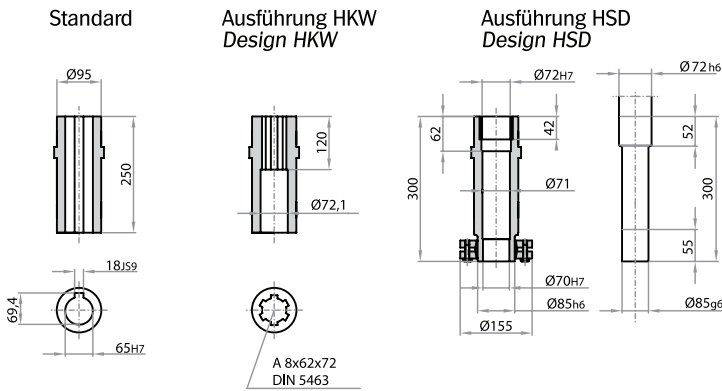


Achtung: Befestigungsgewindebohrungen im Gehäuse standardmäßig nur auf Seite 1 + 2 im Gehäuse und die Seiten 5 + 6 in den Deckeln.
Note: Mounting holes in the housing are provided as standard only on side 1 + 2 in the housing and on sides 5 + 6 in the covers.

■ Bauart / Model



Hohlwellenausführung / Hollow Shaft Design

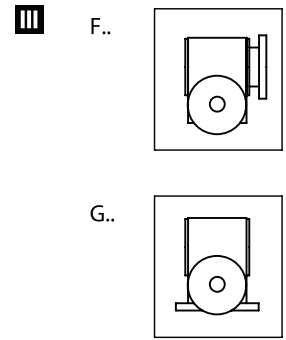


Anschraubflansch B5
(an Seite 5 oder 6)

Screw-on Flange B5
(on side 5 or 6)

Anschraubfussleisten
(für Seite 1 oder 2)

Screw-on Base Mounts
(on side 1 or 2)



■ Abmessungen / Dimensions

| Flansch Abmessungen / flange dimensions | | | | | | |
|---|-----|-----|-----|---|----|-----|
| D | D1 | D2 | s | i | k | e |
| 250 | 215 | 180 | M12 | 5 | 18 | 310 |
| 300 | 265 | 230 | 14 | 5 | 18 | 340 |
| 350 | 300 | 250 | 18 | 6 | 18 | 370 |

| passend für Motoranbau / compatible motor attachments | | | |
|---|-----|------------------|-----------------|
| Baugröße / size | D | Bauform / Design | Welle / shaft d |
| 100 / 112 | 250 | B 5 | 28 x 60 |
| 132 | 300 | B 5 | 38 x 80 |
| 160 | 350 | B 5 | 42 x 110 |
| 180 | 350 | B 5 | 48 x 110 |

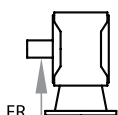
IV Leistungen, Drehmomente / Power Ratings, Torque Ratings

[n = min-1, P = kW, T = Nm]

| i = | n1 | 3000 | 1500 | 1000 | 750 | 500 | 150 |
|---------------|-------|--------|--------|--------|--------|--------|--------|
| 5:1 | n2 | 300 | 200 | 150 | 100 | 100 | 30 |
| (30:6) | P1N | 53,11 | 40,37 | 33,38 | 24,58 | 24,58 | 9,96 |
| T2max | T2N | 1640,0 | 1870,0 | 2040,0 | 2230,0 | 2230,0 | 2950,0 |
| 4450 | Wirk, | 0,97 | 0,97 | 0,96 | 0,95 | 0,95 | 0,93 |
| | P1Nt | 25,20 | 23,42 | 21,89 | 19,33 | 19,33 | |
| 7,5:1 | n2 | 400 | 200 | 133 | 100 | 66 | 20 |
| (30:4) | P1N | 43,91 | 39,53 | 29,83 | 24,94 | 20,05 | 9,34 |
| T2max | T2N | 996,0 | 1793,0 | 2051,0 | 2263,0 | 2729,0 | 4013,0 |
| 4450 | Wirk, | 0,95 | 0,95 | 0,96 | 0,95 | 0,95 | 0,90 |
| | P1Nt | 23,14 | 20,07 | 18,56 | 17,28 | 15,18 | |
| 10:1 | n2 | 300 | 150 | 100 | 75 | 50 | 15 |
| (40:4) | P1N | 51,25 | 32,26 | 24,59 | 20,28 | 15,60 | 6,98 |
| T2max | T2N | 1550,0 | 1951,0 | 2231,0 | 2453,0 | 2800,0 | 3909,0 |
| 4780 | Wirk, | 0,95 | 0,95 | 0,95 | 0,95 | 0,94 | 0,88 |
| | P1Nt | 22,09 | 18,76 | 17,04 | 15,66 | 13,57 | |
| 13:1 | n2 | 230 | 115 | 76 | 57 | 38 | 11 |
| (54:4) | P1N | 36,29 | 19,80 | 13,87 | 10,87 | 7,66 | 2,73 |
| T2max | T2N | 1466,0 | 1600,0 | 1681,0 | 1738,0 | 1818,0 | 2041,0 |
| 2410 | Wirk, | 0,94 | 0,94 | 0,94 | 0,93 | 0,92 | 0,87 |
| | P1Nt | 20,77 | 17,24 | 15,41 | 14,02 | 12,06 | |
| 15:1 | n2 | 200 | 100 | 66 | 50 | 33 | 10 |
| (30:2) | P1N | 29,82 | 22,42 | 18,10 | 16,22 | 12,88 | 6,17 |
| T2max | T2N | 1310,0 | 1970,0 | 2386,0 | 2820,0 | 3320,0 | 4830,0 |
| 4550 | Wirk, | 0,92 | 0,92 | 0,92 | 0,91 | 0,90 | 0,82 |
| | P1Nt | 14,64 | 12,55 | 11,55 | 10,73 | 9,40 | |
| 20:1 | n2 | 150 | 75 | 50 | 37 | 25 | 7,5 |
| (40:2) | P1N | 29,60 | 18,83 | 14,35 | 12,43 | 9,80 | 4,49 |
| T2max | T2N | 1715,0 | 2158,0 | 2467,0 | 2850,0 | 3294,0 | 4576,0 |
| 5050 | Wirk, | 0,91 | 0,90 | 0,90 | 0,90 | 0,88 | 0,80 |
| | P1Nt | 13,95 | 11,70 | 10,58 | 9,70 | 8,39 | |

| i = | n1 | 3000 | 1500 | 1000 | 750 | 500 | 150 |
|---------------|-------|--------|--------|--------|--------|--------|--------|
| 26:1 | n2 | 115 | 57 | 38 | 28 | 19 | 5,8 |
| (54:2) | P1N | 23,70 | 13,88 | 9,83 | 7,63 | 5,44 | 2,06 |
| T2max | T2N | 1813,0 | 2124,0 | 2231,0 | 2307,0 | 2413,0 | 2727,0 |
| 3345 | Wirk, | 0,89 | 0,89 | 0,88 | 0,88 | 0,86 | 0,77 |
| | P1Nt | 13,07 | 10,71 | 9,53 | 8,66 | 7,45 | |
| 30:1 | n2 | 100 | 50 | 33 | 25 | 16 | 5,0 |
| (30:1) | P1N | 20,44 | 13,53 | 11,13 | 9,85 | 8,02 | 3,41 |
| T2max | T2N | 1640,0 | 2170,0 | 2678,0 | 3160,0 | 3720,0 | 4500,0 |
| 4500 | Wirk, | 0,84 | 0,84 | 0,84 | 0,84 | 0,81 | 0,69 |
| | P1Nt | 8,79 | 7,39 | 6,79 | 6,31 | 5,57 | |
| 40:1 | n2 | 75 | 37 | 25 | 18 | 12 | 3,8 |
| (40:1) | P1N | 17,04 | 10,73 | 8,73 | 7,73 | 6,11 | 2,90 |
| T2max | T2N | 1801,0 | 2267,0 | 2735,0 | 3190,0 | 3688,0 | 4952,0 |
| 5120 | Wirk, | 0,83 | 0,83 | 0,82 | 0,81 | 0,79 | 0,67 |
| | P1Nt | 8,41 | 6,92 | 6,25 | 5,76 | 5,02 | |
| 53:1 | n2 | 57 | 28 | 18 | 14 | 9,4 | 2,8 |
| (54:1) | P1N | 13,62 | 8,52 | 6,05 | 4,81 | 3,50 | 1,40 |
| T2max | T2N | 1896,0 | 2372,0 | 2494,0 | 2582,0 | 2708,0 | 3091,0 |
| 3700 | Wirk, | 0,81 | 0,81 | 0,80 | 0,78 | 0,75 | 0,64 |
| | P1Nt | 7,93 | 6,39 | 5,69 | 5,19 | 4,52 | |
| 62:1 | n2 | 48 | 24 | 16 | 12 | 8,1 | 2,4 |
| (63:1) | P1N | 11,97 | 7,53 | 5,82 | 4,86 | 3,83 | 1,61 |
| T2max | T2N | 1800,0 | 2266,0 | 2591,0 | 2848,0 | 3225,0 | 3552,0 |
| 3900 | Wirk, | 0,75 | 0,75 | 0,74 | 0,73 | 0,70 | 0,55 |
| | P1Nt | 6,00 | 4,87 | 4,42 | 4,09 | 3,63 | |
| 83:1 | n2 | 36 | 18 | 12 | 9,0 | 6,0 | 1,8 |
| (84:1) | P1N | 9,76 | 6,10 | 4,18 | 3,18 | 2,25 | 0,74 |
| T2max | T2N | 1906,0 | 2347,0 | 2347,0 | 2347,0 | 2347,0 | 2347,0 |
| 4050 | Wirk, | 0,73 | 0,72 | 0,70 | 0,69 | 0,65 | 0,59 |
| | P1Nt | 5,72 | 4,55 | 4,07 | 3,74 | 3,31 | |

Radialkräfte / Radial Forces (N)



| T2 | n2 (1/min) | | | | | |
|--------|------------|------|------|------|-------|-------|
| Nm | > 200 | 125 | 75 | 50 | 30 | 10 |
| < 2300 | 5600 | 6800 | 7600 | 8600 | 10200 | 13600 |
| > 2300 | 4670 | 5670 | 6330 | 7170 | 8500 | 11300 |

Weitere Erläuterungen und verstärkte Lagerungen siehe Allgemeines / For more information and reinforced bearings, refer to general information.
 Axialkräfte FA = 50% der Radialkräfte - siehe Allgemeines / Axial forces FA = 50% of radial forces - refer to general information.

Massenträgheitsmomente / Moments of Inertia J (kgcm²)

reduziert auf die Antriebswelle (n1) / reduced to the input shaft (n1)

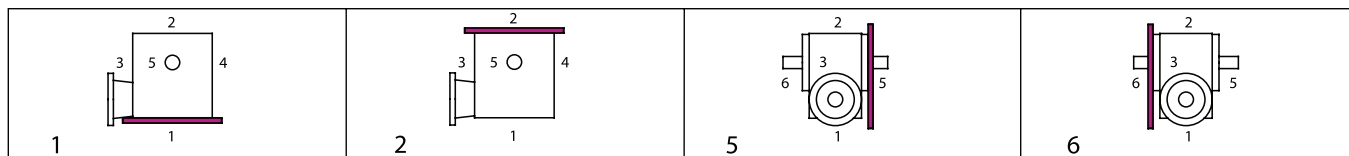
| Übersetzung / Transmission Ratio | | | | | | | | | | | |
|----------------------------------|---------|--------|--------|---------|--------|--------|---------|--------|--------|--------|--------|
| 5:1 | 7,5:1 | 10:1 | 13:1 | 15:1 | 20:1 | 26:1 | 30:1 | 40:1 | 53:1 | 62:1 | 83:1 |
| 176,139 | 137,495 | 97,133 | 75,810 | 114,309 | 84,216 | 71,532 | 108,513 | 80,987 | 70,449 | 86,780 | 72,749 |

Getriebegewichte

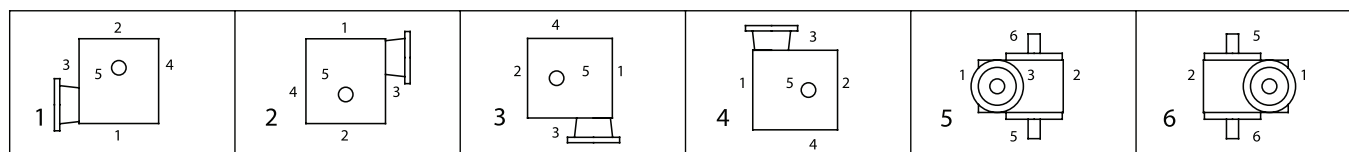
Gearbox Weights (kg)

| ca. |
|-----------|
| about 157 |

IV Befestigungsseite / Mounting Side



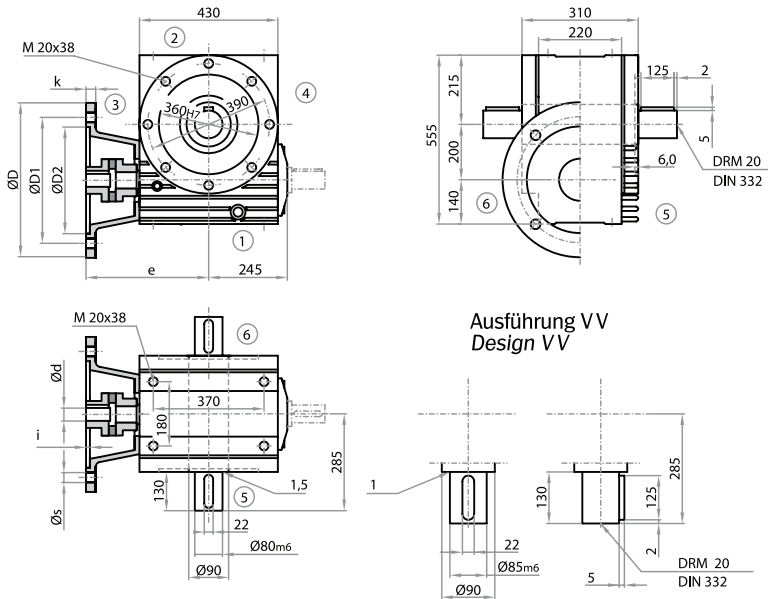
VI Einbaulagen (unten liegende Getriebeseite) / Mounting Configuration (downward-facing side)



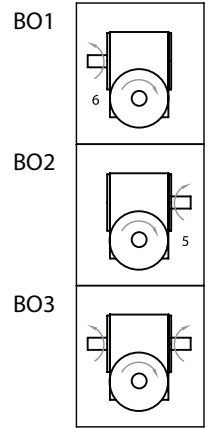
Bestellbeispiel / Example of Order

| | | | | | | | |
|--|---|--|-----------------------------------|--|---|--|----------------------|
| I Typ Type SL | Größe Size 160 | IV Übersetzung Ratio 10:1 | III Bauart Model B03 | V Befestigungs- Mounting Side 1 | VI Einbaulage Mounting Config. 1 | IV Drehzahl n2max Speed n2max 150 / 0000=Standard | Ausführung Design |
| II ø Flansch ø Flange D 300 | II Motorwelle (ø x Länge) Motor Shaft (ø x length) / 38 x 80 | | | | | | |

■ Typ SL 200



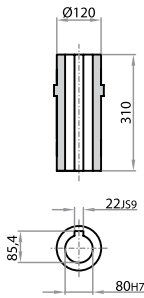
■ Bauart / Model



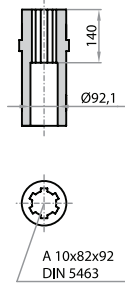
Achtung: Befestigungsgewindebohrungen im Gehäuse standardmäßig nur auf Seite 1 + 2 im Gehäuse und die Seiten 5 + 6 in den Deckeln.
Note: Mounting holes in the housing are provided as standard only on side 1 + 2 in the housing and on sides 5 + 6 in the covers.

Hohlwellenausführung / Hollow Shaft Design

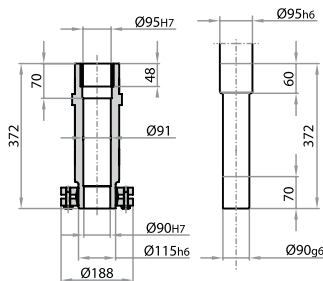
Standard



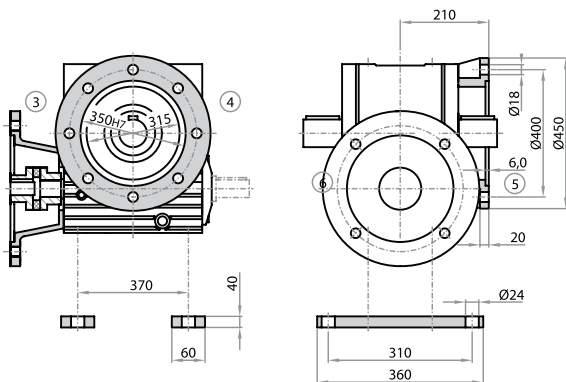
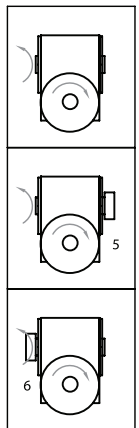
Ausführung HKW Design HKW



Ausführung HSD Design HSD



■ BO0



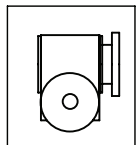
Anschraubflansch B5 (an Seite 5 oder 6)

Screw-on Flange B5 (on side 5 or 6)

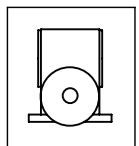
Anschraubfussleisten (für Seite 1 oder 2)

Screw-on Base Mounts (on side 1 or 2)

■ F..



■ G..

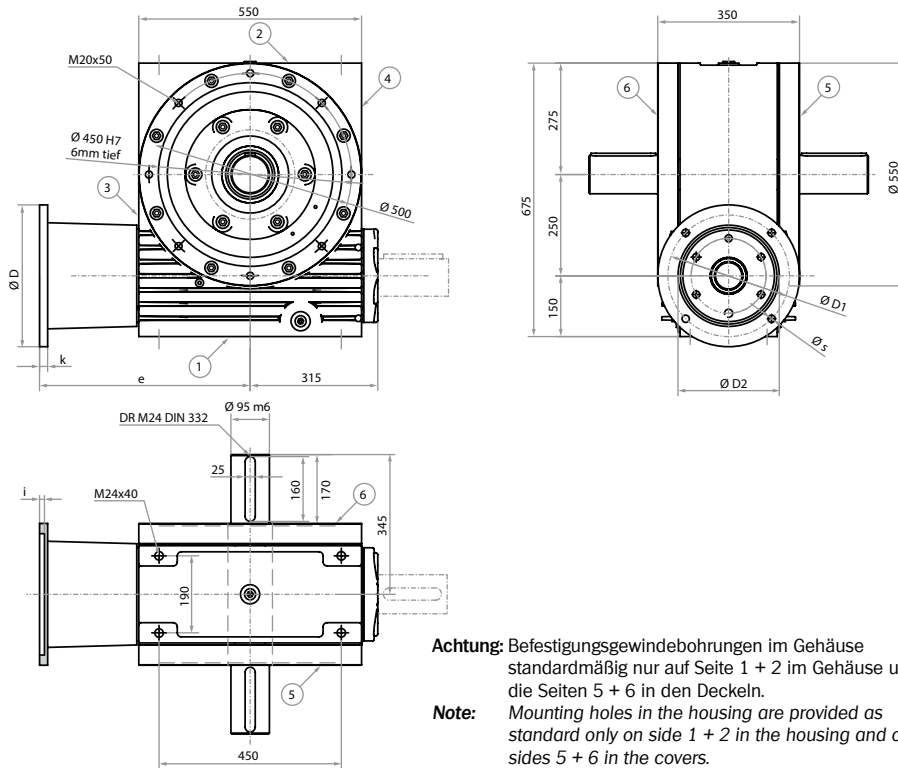


■ Abmessungen / Dimensions

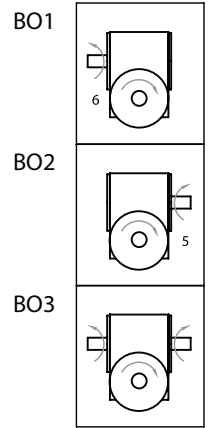
| Flansch Abmessungen / flange dimensions | | | | | | |
|---|-----|-----|----|---|----|-----|
| D | D1 | D2 | s | i | k | e |
| 300 | 265 | 230 | 14 | 5 | 18 | 382 |
| 350 | 300 | 250 | 18 | 6 | 18 | 415 |
| 400 | 350 | 300 | 18 | 6 | 18 | 435 |

| passend für Motoranbau / compatible motor attachments | | | |
|---|-----|------------------|-----------------|
| Baugröße / size | D | Bauform / Design | Welle / shaft d |
| 132 | 300 | B 5 | 38 x 80 |
| 160 | 350 | B 5 | 42 x 110 |
| 180 | 350 | B 5 | 48 x 110 |
| 200 | 400 | B 5 | 55 x 110 |

Typ SL 250



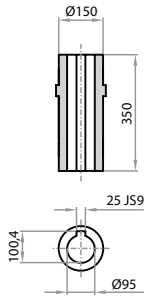
Bauart / Model



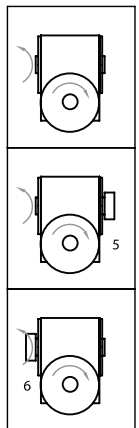
Hohlwellenausführung / Hollow Shaft Design

Standard

Ausführungen HKW und HSD auf Anfrage
Designs HKW and HSD upon request



BO0

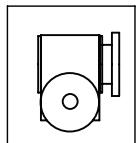


BO0/HSD5
auf Anfrage
on request

BO0/HSD6
auf Anfrage
on request

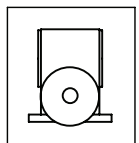
Ausführungen F.. und G.. auf Anfrage
Designs F.. and G.. upon request

F..



Ausführung mit Motor (Typ SLM) auf Anfrage
Version with motor (type SLM) on request

G..



Abmessungen / Dimensions

| Flansch Abmessungen / flange dimensions | | | | | | |
|---|-----|-----|------|---|----|-----|
| D | D1 | D2 | s | i | k | e |
| 350 | 300 | 250 | 4x18 | 6 | 18 | 520 |
| 350 | 300 | 250 | 4x18 | 6 | 18 | 520 |
| 400 | 350 | 300 | 4x18 | 6 | 18 | 520 |
| 450 | 400 | 350 | 8x18 | 6 | 18 | 545 |

| passend für Motoranbau / compatible motor attachments | | | |
|---|-----|------------------|-----------------|
| Baugröße / size | D | Bauform / Design | Welle / shaft d |
| 160 | 350 | B 5 | 42 x 110 |
| 180 | 350 | B 5 | 48 x 110 |
| 200 | 400 | B 5 | 55 x 110 |
| 225 | 450 | B 5 | 60 x 140 |

IV Leistungen, Drehmomente / Power Ratings, Torque Ratings

[n = min-1, P = kW, T = Nm]

| i = | n1 | 1500 | 1000 | 750 | 500 | 150 |
|---------------|-------|--------|--------|-------|-------|-------|
| 7,5:1 | n2 | 200 | 133,33 | 100 | 66,67 | 20 |
| (31:4) | P1N | 140,64 | 111,12 | 90,87 | 68,37 | 29,86 |
| T2max | T2N | 6514 | 7720 | 8418 | 9500 | 13260 |
| 13720 | Wirk. | 0,97 | 0,97 | 0,97 | 0,97 | 0,93 |
| | P1Nt | 78,13 | 69,45 | 60,58 | 52,59 | |
| 10:1 | n2 | 150 | 100 | 75 | 50 | 50 |
| (40:4) | P1N | 118,29 | 89,06 | 72,81 | 54,79 | 54,79 |
| T2max | T2N | 7230 | 8165 | 8900 | 10047 | 10047 |
| 13720 | Wirk. | 0,96 | 0,96 | 0,96 | 0,96 | 0,96 |
| | P1Nt | 73,93 | 68,51 | 60,67 | 49,81 | 49,81 |
| 13:1 | n2 | 113,21 | 75,47 | 56,6 | 37,74 | 11,32 |
| (52:4) | P1N | 93,66 | 69,15 | 53,77 | 38,02 | 13,65 |
| T2max | T2N | 7585 | 8400 | 8709 | 9140 | 10360 |
| 10460 | Wirk. | 0,96 | 0,96 | 0,96 | 0,95 | 0,9 |
| | P1Nt | 66,9 | 62,86 | 53,77 | 47,52 | |
| 10:1 | n2 | 100 | 66,67 | 50 | 33,33 | 10 |
| (31:2) | P1N | 74,97 | 59,15 | 48,35 | 36,78 | 15,39 |
| T2max | T2N | 6730 | 7965 | 8680 | 9800 | 12790 |
| 13720 | Wirk. | 0,94 | 0,94 | 0,94 | 0,93 | 0,87 |
| | P1Nt | 41,65 | 36,97 | 32,23 | 26,27 | |
| 20:1 | n2 | 75 | 50 | 37,5 | 25 | 7,5 |
| (40:2) | P1N | 62,89 | 47,35 | 38,71 | 29,46 | 12,68 |
| T2max | T2N | 7447 | 8410 | 9168 | 10352 | 13720 |
| 13720 | Wirk. | 0,93 | 0,93 | 0,93 | 0,92 | 0,85 |
| | P1Nt | 41,92 | 36,42 | 29,78 | 26,78 | |
| 26:1 | n2 | 56,6 | 37,74 | 28,3 | 18,87 | 5,66 |
| (52:2) | P1N | 50,28 | 37,84 | 30,92 | 23,54 | 9,92 |
| T2max | T2N | 7805 | 8810 | 9600 | 10844 | 13720 |
| 13720 | Wirk. | 0,92 | 0,92 | 0,92 | 0,91 | 0,82 |
| | P1Nt | 38,68 | 34,4 | 30,92 | 29,43 | |

| i = | n1 | 1500 | 1000 | 750 | 500 | 150 |
|---------------|-------|-------|-------|-------|-------|-------|
| 30:1 | n2 | 50 | 33,33 | 25 | 16,67 | 5 |
| (31:1) | P1N | 40,69 | 31,89 | 26,06 | 19,84 | 8,65 |
| T2max | T2N | 6840 | 8040 | 8760 | 9891 | 12727 |
| 13720 | Wirk. | 0,88 | 0,88 | 0,88 | 0,87 | 0,77 |
| | P1Nt | 20,35 | 19,93 | 16,29 | 14,17 | |
| 40:1 | n2 | 37,5 | 25 | 18,75 | 12,5 | 3,75 |
| (40:1) | P1N | 33,9 | 25,52 | 20,87 | 16,08 | 7,29 |
| T2max | T2N | 7510 | 8480 | 9250 | 10445 | 13720 |
| 13720 | Wirk. | 0,87 | 0,87 | 0,87 | 0,85 | 0,74 |
| | P1Nt | 24,21 | 23,2 | 18,98 | 17,87 | |
| 53:1 | n2 | 28,3 | 18,87 | 14,15 | 9,43 | 2,83 |
| (52:1) | P1N | 27,44 | 20,64 | 16,88 | 13,01 | 5,81 |
| T2max | T2N | 7870 | 8881 | 9685 | 10935 | 13720 |
| 13720 | Wirk. | 0,85 | 0,85 | 0,85 | 0,83 | 0,7 |
| | P1Nt | 18,29 | 15,88 | 16,88 | 13,01 | |
| 62:1 | n2 | 24,19 | 16,13 | 12,1 | 8,06 | 2,42 |
| (61:1) | P1N | 21,87 | 17,23 | 14,09 | 10,88 | 5,14 |
| T2max | T2N | 6819 | 8060 | 8787 | 9918 | 12581 |
| 13720 | Wirk. | 0,79 | 0,79 | 0,79 | 0,77 | 0,62 |
| | P1Nt | 14,58 | 13,25 | 14,09 | 10,88 | |
| 83:1 | n2 | 18,07 | 12,05 | 9,04 | 6,02 | 1,81 |
| (83:1) | P1N | 18,6 | 14,18 | 11,25 | 7,8 | 2,94 |
| T2max | T2N | 7765 | 8770 | 9155 | 9155 | 9155 |
| 13720 | Wirk. | 0,79 | 0,78 | 0,77 | 0,74 | 0,59 |
| | P1Nt | 14,31 | 14,18 | 11,25 | 9,75 | |

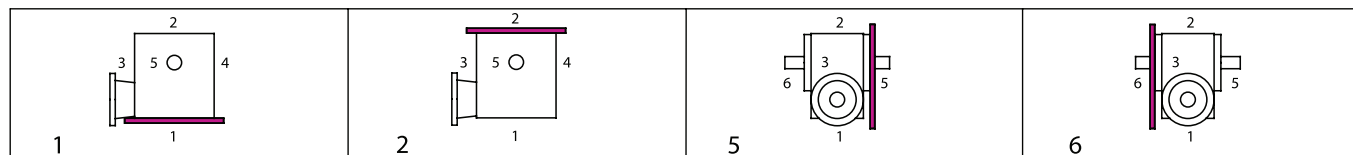
Radialkräfte (N) auf Anfrage.
Moments of Inertia (N) available on request.

Massenträgheitsmomente Radial Forces

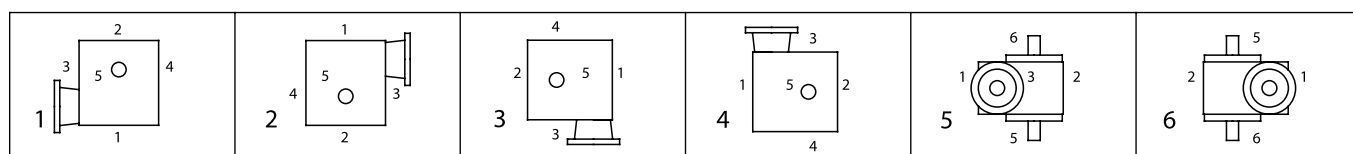
Getriebegewichte Gearbox Weights (kg)

| Übersetzung / Transmission Ratio | | | | | | | | | | | ca. |
|----------------------------------|------|------|------|------|------|------|------|------|------|------|-------|
| 7,5:1 | 10:1 | 13:1 | 15:1 | 20:1 | 26:1 | 30:1 | 40:1 | 53:1 | 62:1 | 83:1 | about |
| auf Anfrage / upon request | | | | | | | | | | | 500 |

V Befestigungsseite / Mounting Side



VI Einbaulagen (unten liegende Getriebeseite) / Mounting Configuration (downward-facing side)



Bestellbeispiel / Example of Order

| | | | | | | | |
|--|--|--|-----------------------------------|--|---|--|----------------------|
| I Typ Type SL | Größe Size 250 | IV Übersetzung Ratio 10:1 | III Bauart Model B03 | V Befestigungs- Mounting Side 1 | VI Einbaulage Mounting Config. 1 | IV Drehzahl n2max Speed 150 / 0000=Standard | Ausführung Design |
| II ø Flansch ø Flange D 350 | II Motorwelle (ø x Länge) Motor Shaft (ø x length) / 42 x 110 | | | | | | |