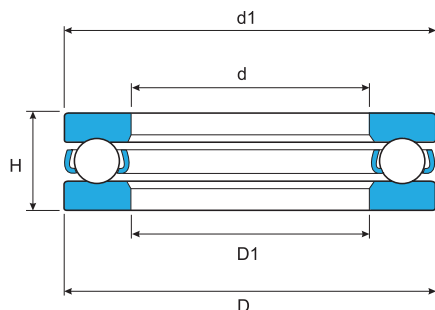


Single acting thrust ball bearings

Cuscinetti assiali a sfere a semplice effetto

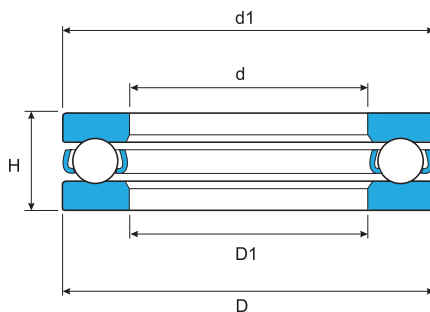
| Dimension <i>Dimensione</i> | | | | Load rating (KN) <i>Coefficiente di carico (KN)</i> | | Speed limit (Rpm) <i>Velocità limite (giri/min)</i> | | Weight (kg) <i>Peso (Kg)</i> | Designation <i>Sigla</i> | |
|--------------------------------|-----------|-----------|------------|--|---------------------------------|--|--------------------------------------|---------------------------------|-----------------------------|--------------------|
| d (mm) | D (mm) | H (mm) | d1 (mm) | D1 (mm) | Dynamic <i>Dinamico</i> C | Static <i>Statico</i> C ₀ | Lubrication <i>Lubrificazione</i> | | | |
| | | | | | | | Grease <i>Grasso</i> | | | Oil <i>Olio</i> |
| 3 | 8 | 3.5 | 7.8 | 3.2 | 0.79 | 0.71 | 27540 | 32400 | 0.0009 | BA 3 |
| 4 | 10 | 4 | 9.8 | 4.2 | 0.75 | 0.71 | 22950 | 27000 | 0.0015 | BA 4 |
| 5 | 12 | 4 | 11.8 | 5.2 | 0.83 | 0.95 | 21420 | 25200 | 0.0021 | BA 5 |
| 6 | 14 | 5 | 13.8 | 6.2 | 1.74 | 1.88 | 18360 | 21600 | 0.0035 | BA 6 |
| 7 | 17 | 6 | 16.8 | 7.2 | 2.46 | 2.84 | 14535 | 17100 | 0.0065 | BA 7 |
| 8 | 19 | 7 | 18.8 | 8.2 | 3.13 | 3.72 | 13005 | 15300 | 0.0091 | BA 8 |
| 9 | 20 | 7 | 19.8 | 9.2 | 3.06 | 3.72 | 12240 | 14400 | 0.01 | BA 9 |
| 10 | 24 | 9 | 24 | 11 | 9.75 | 14.99 | 9945 | 11700 | 0.02 | 51100 |
| | 26 | 11 | 26 | 12 | 12.45 | 18.23 | 8415 | 9900 | 0.03 | 51200 |
| 12 | 26 | 9 | 26 | 13 | 10.19 | 16.27 | 9945 | 11700 | 0.022 | 51101 |
| | 28 | 11 | 28 | 14 | 13.03 | 20.38 | 8415 | 9900 | 0.034 | 51201 |
| 15 | 28 | 9 | 28 | 16 | 10.39 | 17.93 | 9180 | 10800 | 0.024 | 51102 |
| | 32 | 12 | 32 | 17 | 16.17 | 26.46 | 7650 | 9000 | 0.045 | 51202 |
| 17 | 30 | 9 | 30 | 18 | 11.17 | 20.78 | 9180 | 10800 | 0.026 | 51103 |
| | 35 | 12 | 35 | 19 | 16.86 | 29.40 | 7268 | 8550 | 0.053 | 51203 |
| 20 | 35 | 10 | 35 | 21 | 14.80 | 28.42 | 7650 | 9000 | 0.039 | 51104 |
| | 40 | 14 | 40 | 22 | 22.05 | 39.69 | 6120 | 7200 | 0.082 | 51204 |
| 25 | 42 | 11 | 42 | 26 | 18 | 38 | 6885 | 8100 | 0.06 | 51105 |
| | 47 | 15 | 47 | 27 | 27 | 54 | 5738 | 6750 | 0.11 | 51205 |
| | 52 | 18 | 52 | 27 | 34 | 59 | 4820 | 5670 | 0.12 | 51305 |
| | 60 | 24 | 60 | 27 | 54 | 95 | 3825 | 4500 | 0.34 | 51405 |
| 30 | 47 | 11 | 47 | 32 | 19 | 42 | 6503 | 7650 | 0.069 | 51106 |
| | 52 | 16 | 52 | 32 | 25 | 50 | 5126 | 6030 | 0.13 | 51206 |
| | 60 | 21 | 60 | 32 | 37 | 70 | 4055 | 4770 | 0.26 | 51306 |
| | 70 | 28 | 70 | 32 | 71 | 134 | 3290 | 3870 | 0.52 | 51406 |
| 35 | 52 | 12 | 52 | 37 | 20 | 50 | 5738 | 6750 | 0.08 | 51107 |
| | 62 | 18 | 62 | 37 | 34 | 72 | 4284 | 5040 | 0.22 | 51207 |
| | 68 | 24 | 68 | 37 | 48 | 95 | 3443 | 4050 | 0.39 | 51307 |
| | 80 | 32 | 80 | 37 | 85 | 167 | 2907 | 3420 | 0.74 | 51407 |
| 40 | 60 | 13 | 60 | 42 | 25 | 62 | 5355 | 6300 | 0.12 | 51108 |
| | 68 | 19 | 68 | 42 | 46 | 104 | 4055 | 4770 | 0.27 | 51208 |
| | 78 | 26 | 78 | 42 | 61 | 120 | 3290 | 3870 | 0.53 | 51308 |
| | 90 | 36 | 90 | 42 | 110 | 220 | 2601 | 3060 | 1.1 | 51408 |
| 45 | 65 | 14 | 65 | 47 | 26 | 68 | 4820 | 5670 | 0.15 | 51109 |
| | 73 | 20 | 73 | 47 | 38 | 85 | 3825 | 4500 | 0.32 | 51209 |
| | 85 | 28 | 85 | 47 | 75 | 150 | 3060 | 3600 | 0.66 | 51309 |
| | 100 | 39 | 100 | 47 | 127 | 260 | 2295 | 2700 | 1.42 | 51409 |



Single acting thrust ball bearings

Cuscinetti assiali a sfere a semplice effetto

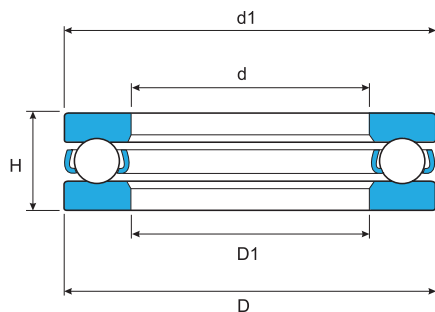
| Dimension <i>Dimensione</i> | | | | | Load rating (KN) <i>Coefficiente di carico (KN)</i> | | Speed limit (Rpm) <i>Velocità limite (giri/min)</i> | | Weight (kg) <i>Peso (Kg)</i> | Designation <i>Sigla</i> |
|--------------------------------|-----------|-----------|------------|------------|--|--|--|--------------------|---------------------------------|-----------------------------|
| d (mm) | D (mm) | H (mm) | d1 (mm) | D1 (mm) | Dynamic <i>Dinamico</i> C | Static <i>Statico</i> C ₀ | Lubrication <i>Lubrificazione</i> | | | |
| | | | | | | | Grease <i>Grasso</i> | Oil <i>Olio</i> | | |
| 50 | 70 | 14 | 70 | 52 | 26 | 74 | 4820 | 5670 | 0.16 | 51110 |
| | 78 | 22 | 78 | 52 | 48 | 114 | 3443 | 4050 | 0.37 | 51210 |
| | 95 | 31 | 85 | 52 | 87 | 186 | 2754 | 3240 | 0.94 | 51310 |
| | 110 | 43 | 100 | 52 | 156 | 333 | 2142 | 2520 | 2 | 51410 |
| 55 | 78 | 16 | 78 | 57 | 30 | 83 | 4055 | 4770 | 0.24 | 51111 |
| | 90 | 25 | 90 | 57 | 61 | 143 | 3060 | 3600 | 0.59 | 51211 |
| | 105 | 35 | 105 | 57 | 102 | 220 | 2448 | 2880 | 1.3 | 51311 |
| | 120 | 48 | 120 | 57 | 174 | 382 | 1836 | 2160 | 2.55 | 51411 |
| 60 | 85 | 17 | 85 | 62 | 41 | 120 | 3825 | 4500 | 0.3 | 51112 |
| | 95 | 26 | 95 | 62 | 61 | 147 | 2907 | 3420 | 0.65 | 51212 |
| | 110 | 35 | 110 | 62 | 99 | 220 | 2295 | 2700 | 1.35 | 51312 |
| | 130 | 51 | 130 | 62 | 195 | 421 | 1683 | 1980 | 3.1 | 51412 M |
| 65 | 90 | 18 | 90 | 67 | 37 | 106 | 3672 | 4320 | 0.33 | 51113 |
| | 100 | 27 | 100 | 67 | 62 | 160 | 2754 | 3240 | 0.78 | 51213 |
| | 115 | 36 | 115 | 67 | 104 | 235 | 2295 | 2700 | 1.5 | 51313 |
| | 140 | 56 | 140 | 68 | 212 | 480 | 1683 | 1980 | 4 | 51413 M |
| 70 | 95 | 18 | 95 | 72 | 39 | 118 | 3443 | 4050 | 0.35 | 51114 |
| | 105 | 27 | 105 | 72 | 64 | 170 | 2754 | 3240 | 0.79 | 51214 |
| | 125 | 40 | 125 | 72 | 132 | 314 | 1989 | 2340 | 2 | 51314 |
| | 150 | 60 | 150 | 73 | 229 | 539 | 1530 | 1800 | 5 | 51414 M |
| 75 | 100 | 19 | 100 | 77 | 43 | 143 | 3290 | 3870 | 0.4 | 51115 |
| | 110 | 27 | 110 | 77 | 66 | 179 | 2601 | 3060 | 0.83 | 51215 |
| | 135 | 44 | 135 | 77 | 160 | 382 | 1836 | 2160 | 2.6 | 51315 |
| | 160 | 65 | 160 | 78 | 246 | 598 | 1377 | 1620 | 6.75 | 51415 M |
| 80 | 105 | 19 | 105 | 82 | 44 | 150 | 3290 | 3870 | 0.42 | 51116 |
| | 115 | 28 | 115 | 82 | 75 | 204 | 2601 | 3060 | 0.91 | 51216 |
| | 140 | 44 | 140 | 82 | 156 | 382 | 1836 | 2160 | 2.7 | 51316 |
| | 170 | 68 | 170 | 83 | 265 | 657 | 1301 | 1530 | 7.95 | 51416 M |
| 85 | 110 | 19 | 110 | 87 | 45 | 160 | 3290 | 3870 | 0.44 | 51117 |
| | 125 | 31 | 125 | 88 | 96 | 270 | 2295 | 2700 | 1.2 | 51217 |
| | 150 | 49 | 150 | 88 | 186 | 456 | 1683 | 1980 | 3.55 | 51317 |
| | 180 | 72 | 177 | 88 | 280 | 735 | 1224 | 1440 | 9.45 | 51417 M |
| 90 | 120 | 22 | 120 | 92 | 58 | 204 | 2907 | 3420 | 0.65 | 51118 |
| | 135 | 35 | 135 | 93 | 117 | 319 | 2142 | 2520 | 1.7 | 51218 |
| | 155 | 50 | 155 | 93 | 191 | 490 | 1683 | 1980 | 3.8 | 51318 |
| | 190 | 77 | 187 | 93 | 301 | 799 | 1148 | 1350 | 11 | 51418 M |
| 100 | 135 | 25 | 135 | 102 | 83 | 284 | 2448 | 2880 | 0.97 | 51120 |
| | 150 | 38 | 150 | 103 | 122 | 338 | 1836 | 2160 | 2.2 | 51220 |
| | 170 | 55 | 170 | 103 | 224 | 598 | 1454 | 1710 | 4.95 | 51320 |
| | 210 | 85 | 205 | 103 | 364 | 1039 | 1071 | 1260 | 15 | 51420 |



Single acting thrust ball bearings

Cuscinetti assiali a sfere a semplice effetto

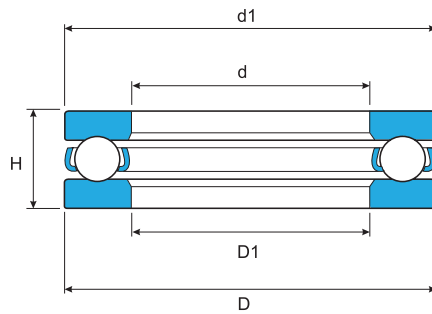
| Dimension <i>Dimensione</i> | | | | Load rating (KN) <i>Coefficiente di carico (KN)</i> | | Speed limit (Rpm) <i>Velocità limite (giri/min)</i> | | Weight (kg) <i>Peso (Kg)</i> | Designation <i>Sigla</i> | |
|--------------------------------|-----------|-----------|------------|--|---------------------------------|--|--------------------------------------|---------------------------------|-----------------------------|--------------------|
| d (mm) | D (mm) | H (mm) | d1 (mm) | D1 (mm) | Dynamic <i>Dinamico</i> C | Static <i>Statico</i> C ₀ | Lubrication <i>Lubrificazione</i> | | | |
| | | | | | | | Grease <i>Grasso</i> | | | Oil <i>Olio</i> |
| 110 | 145 | 25 | 145 | 112 | 85 | 309 | 2448 | 2880 | 1.05 | 51122 |
| | 160 | 38 | 160 | 113 | 127 | 382 | 1836 | 2160 | 2.4 | 51222 |
| | 190 | 63 | 187 | 113 | 275 | 799 | 1301 | 1530 | 7.85 | 51322 M |
| | 230 | 95 | 225 | 113 | 402 | 1196 | 995 | 1170 | 20 | 51422 M |
| 120 | 155 | 25 | 155 | 122 | 87 | 328 | 2295 | 2700 | 1.15 | 51124 |
| | 170 | 39 | 170 | 123 | 137 | 431 | 1683 | 1980 | 2.65 | 51224 |
| | 210 | 70 | 205 | 123 | 319 | 960 | 1148 | 1350 | 11 | 51324 M |
| | 250 | 102 | 245 | 123 | 510 | 1695 | 842 | 990 | 29.5 | 51424 M |
| 130 | 170 | 30 | 170 | 132 | 109 | 417 | 1989 | 2340 | 1.85 | 51126 |
| | 190 | 45 | 190 | 133 | 182 | 573 | 1530 | 1800 | 4 | 51226 |
| | 225 | 75 | 220 | 134 | 351 | 1117 | 1836 | 2160 | 13 | 51326 M |
| | 270 | 110 | 265 | 134 | 510 | 1695 | 765 | 900 | 32 | 51426 M |
| 140 | 180 | 31 | 178 | 142 | 109 | 431 | 1989 | 2340 | 2.05 | 51128 |
| | 200 | 46 | 197 | 143 | 186 | 608 | 1454 | 1710 | 4.35 | 51228 |
| | 240 | 80 | 235 | 144 | 389 | 1294 | 995 | 1170 | 15.5 | 51328 M |
| | 280 | 112 | 275 | 144 | 510 | 1695 | 765 | 900 | 34.5 | 51428 M |
| 150 | 190 | 31 | 188 | 152 | 109 | 431 | 1836 | 2160 | 2.2 | 51130 M |
| | 215 | 50 | 212 | 153 | 233 | 784 | 1377 | 1620 | 6.1 | 51230 M |
| | 250 | 80 | 245 | 154 | 402 | 1372 | 995 | 1170 | 16.5 | 51330 M |
| | 300 | 120 | 295 | 154 | 548 | 1921 | 727 | 855 | 42.5 | 51430 M |
| 160 | 200 | 31 | 198 | 162 | 110 | 456 | 1836 | 2160 | 2.35 | 51132 M |
| | 225 | 51 | 222 | 163 | 237 | 833 | 1301 | 1530 | 6.55 | 51232 M |
| | 270 | 87 | 265 | 164 | 440 | 1627 | 918 | 1080 | 21 | 51332 M |
| 170 | 215 | 34 | 213 | 172 | 130 | 529 | 1683 | 1980 | 3.3 | 51134 M |
| | 240 | 55 | 237 | 173 | 280 | 1000 | 1377 | 1620 | 8.15 | 51234 M |
| | 280 | 87 | 275 | 174 | 459 | 1725 | 842 | 990 | 22 | 51334 M |
| 180 | 225 | 34 | 222 | 183 | 132 | 559 | 1683 | 1980 | 3.5 | 51136 M |
| | 250 | 56 | 245 | 183 | 290 | 1058 | 1148 | 1350 | 8.6 | 51236 M |
| | 300 | 95 | 295 | 184 | 510 | 1960 | 842 | 990 | 28.5 | 51336 M |
| | 360 | 140 | 360 | 184 | 761 | 2160 | | | 70.5 | 51436 |
| 190 | 240 | 37 | 237 | 193 | 169 | 696 | 1530 | 1800 | 4.05 | 51138 M |
| | 270 | 62 | 265 | 194 | 325 | 1245 | 1071 | 1260 | 12 | 51238 M |
| | 320 | 105 | 315 | 195 | 580 | 2352 | 727 | 855 | 36.5 | 51338 M |
| 200 | 250 | 37 | 247 | 203 | 165 | 696 | 1454 | 1710 | 4.25 | 51140 M |
| | 280 | 62 | 275 | 204 | 331 | 1294 | 1071 | 1260 | 12 | 51240 M |
| | 340 | 110 | 335 | 205 | 612 | 2548 | 689 | 810 | 44.5 | 51340 M |
| 220 | 270 | 37 | 267 | 223 | 174 | 784 | 1454 | 1710 | 4.6 | 51144 M |
| | 300 | 63 | 295 | 224 | 344 | 1431 | 995 | 1170 | 13 | 51244 M |
| 240 | 300 | 45 | 317 | 243 | 229 | 1019 | 1224 | 1440 | 7.55 | 51148 M |
| | 340 | 78 | 355 | 244 | 453 | 1960 | 842 | 990 | 23 | 51248 M |



Single acting thrust ball bearings

Cuscinetti assiali a sfere a semplice effetto

| Dimension <i>Dimensione</i> | | | | | Load rating (KN) <i>Coefficiente di carico (KN)</i> | | Speed limit (Rpm) <i>Velocità limite (giri/min)</i> | | Weight (kg) <i>Peso (Kg)</i> | Designation <i>Sigla</i> |
|--------------------------------|-----------|-----------|------------|------------|--|--|--|--------------------|---------------------------------|-----------------------------|
| d (mm) | D (mm) | H (mm) | d1 (mm) | D1 (mm) | Dynamic <i>Dinamico</i> C | Static <i>Statico</i> C ₀ | Lubrication <i>Lubrificazione</i> | | | |
| | | | | | | | Grease <i>Grasso</i> | Oil <i>Olio</i> | | |
| 260 | 320 | 45 | 317 | 263 | 233 | 1078 | 1148 | 1350 | 8.1 | 51152 M |
| | 360 | 79 | 355 | 264 | 466 | 2117 | 842 | 990 | 25 | 51252 M |
| | 480 | 175 | 480 | 268 | 1110 | 4000 | - | - | 135 | 51452 |
| 280 | 350 | 53 | 347 | 283 | 313 | 1431 | 995 | 1170 | 12 | 51156 M |
| | 380 | 80 | 375 | 284 | 484 | 2274 | 765 | 900 | 26.5 | 51256 M |
| 300 | 380 | 62 | 376 | 304 | 357 | 1725 | 842 | 990 | 17.5 | 51160 M |
| | 420 | 95 | 415 | 304 | 593 | 2940 | 650 | 765 | 42 | 51260 M |
| 320 | 400 | 63 | 396 | 324 | 364 | 1823 | 842 | 990 | 19 | 51164 M |
| | 440 | 95 | 435 | 325 | 561 | 2940 | 612 | 720 | 45.5 | 51264 M |
| 340 | 420 | 64 | 416 | 344 | 369 | 1921 | 842 | 990 | 20.5 | 51168 M |
| | 460 | 96 | 455 | 345 | 593 | 3136 | 574 | 675 | 48.5 | 51268 M |
| | 540 | 160 | 540 | 345 | 1040 | 4300 | 135 | 51368 | | |
| 360 | 440 | 65 | 436 | 364 | 382 | 2038 | 765 | 900 | 22 | 51172 M |
| | 500 | 110 | 495 | 365 | 726 | 4067 | 536 | 630 | 70 | 51272 M |
| 366 | 440 | 65 | 440 | 370 | 296 | 1080 | - | - | 19.5 | BD1B 634132 |
| 380 | 460 | 36 | 460 | 385 | 186 | 830 | - | - | 12.5 | 351793 |
| | 460 | 65 | 456 | 384 | 389 | 2156 | 765 | 900 | 23 | 51176 M |
| | 520 | 112 | 515 | 385 | 713 | 4067 | 536 | 630 | 73 | 51276 M |
| 385 | 510 | 110 | 510 | 385 | 618 | 2500 | - | - | 66 | 350550 |
| 400 | 480 | 65 | 476 | 404 | 395 | 2234 | 765 | 900 | 24 | 51180 M |
| 420 | 500 | 65 | 496 | 424 | 402 | 2352 | 765 | 900 | 25.5 | 51184 M |
| | 580 | 130 | 580 | 426 | 884 | 4000 | - | - | 110 | 51284 |
| 440 | 520 | 65 | 520 | 445 | 302 | 1200 | - | - | 24 | BD1B 634131 |
| | 540 | 80 | 536 | 444 | 516 | 3185 | 650 | 765 | 42 | 51188 M |
| | 600 | 130 | 600 | 446 | 904 | 4150 | - | - | 115 | 51288 |
| 460 | 560 | 80 | 556 | 464 | 516 | 3185 | 612 | 720 | 43.5 | 51192 M |
| 480 | 580 | 80 | 576 | 484 | 529 | 3479 | 612 | 720 | 45.5 | 51196 M |
| 500 | 600 | 80 | 596 | 504 | 542 | 3528 | 612 | 720 | 47 | 511/500 M |
| 530 | 590 | 36 | 590 | 535 | 178 | 1000 | - | - | 12.5 | 351794 |
| | 640 | 85 | 636 | 534 | 637 | 4312 | 675 | 540 | 58.5 | 511/530 M |
| 545 | 635 | 65 | 635 | 545 | 251 | 1020 | - | - | 33.5 | BD1B634141 |
| 560 | 670 | 67 | 670 | 564 | 475 | 2400 | - | - | 45.5 | 591/560 |
| | 670 | 85 | 666 | 564 | 650 | 4557 | 630 | 504 | 61 | 511/560 M |
| 600 | 710 | 67 | 710 | 604 | 475 | 2500 | - | - | 45.5 | 591/600 |
| | 710 | 85 | 706 | 604 | 650 | 4704 | 630 | 504 | 65 | 511/600 M |
| | 740 | 90 | 740 | 605 | 637 | 3400 | - | - | 84.5 | 350534 |
| | 800 | 90 | 800 | 610 | 676 | 3650 | - | - | 117 | 350769 |

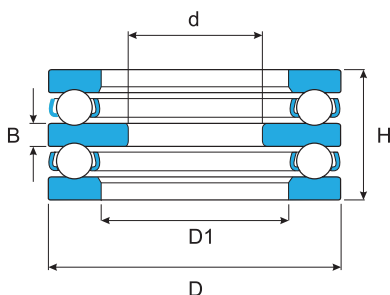


Single acting thrust ball bearings

Cuscinetti assiali a sfere a semplice effetto

| Dimension <i>Dimensione</i> | | | | | Load rating (KN) <i>Coefficiente di carico (KN)</i> | | Speed limit (Rpm) <i>Velocità limite (giri/min)</i> | | Weight (kg) <i>Peso (Kg)</i> | Designation <i>Sigla</i> |
|--------------------------------|-----------|-----------|------------|------------|--|--|--|--------------------|---------------------------------|-----------------------------|
| d (mm) | D (mm) | H (mm) | d1 (mm) | D1 (mm) | Dynamic <i>Dinamico</i> C | Static <i>Statico</i> C ₀ | Lubrication <i>Lubrificazione</i> | | | |
| | | | | | | | Grease <i>Grasso</i> | Oil <i>Olio</i> | | |
| 630 | 750 | 95 | 746 | 634 | 714 | 5292 | 567 | 454 | 84 | 511/630 M |
| 640 | 700 | 55 | 700 | 642 | 168 | 980 | - | - | 25 | 350015 |
| 670 | 800 | 78 | 800 | 675 | 540 | 3050 | - | - | 74 | 591/670 |
| | 800 | 105 | 795 | 675 | 835 | 6566 | 504 | 403 | 105 | 511/670 M |
| 730 | 850 | 85 | 850 | 730 | 663 | 4000 | - | - | 88 | 350627 A |
| 750 | 900 | 90 | 900 | 755 | 741 | 4500 | - | - | 105 | 591/750 |
| | 900 | 120 | 900 | 755 | 1010 | 6300 | - | - | 150 | 511/750 |
| 800 | 950 | 90 | 950 | 805 | 761 | 4800 | - | - | 110 | 591/800/351589 A |
| 850 | 1000 | 90 | 1000 | 855 | 761 | 5000 | - | - | 115 | 591/850 |
| 950 | 1120 | 103 | 1120 | 956 | 852 | 6000 | - | - | 170 | 591/950 |
| 980 | 1120 | 120 | 1120 | 985 | 1010 | 7350 | - | - | 170 | BD1B 351883 |
| 1000 | 1180 | 109 | 1180 | 1006 | 936 | 6700 | - | - | 200 | 591/1000/351395 |
| 1250 | 1500 | 150 | 1500 | 1258 | 1430 | 11800 | - | - | 510 | 351006 A |
| 1380 | 1540 | 130 | 1540 | 1385 | 1330 | 11800 | - | - | 310 | BD1B 351890 A |
| 1400 | 1630 | 180 | 1630 | 1408 | 1900 | 17300 | - | - | 610 | 511/1400 |
| 1420 | 1620 | 100 | 1620 | 1420 | 1040 | 8800 | - | - | 320 | 351346 B |
| 1800 | 1950 | 120 | 1950 | 1805 | 1110 | 11200 | - | - | 350 | 510/1800 |

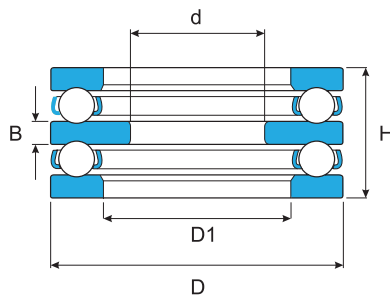
Bearings & Components



Double acting thrust ball bearings

Cuscinetti assiali a sfere a doppio effetto

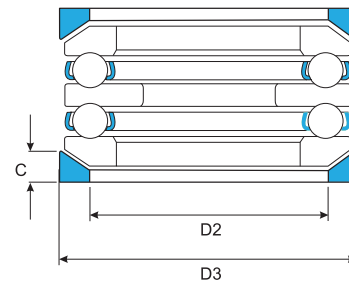
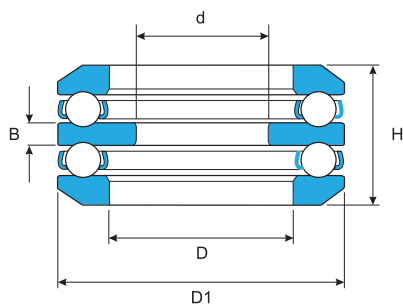
| Dimension <i>Dimensione</i> | | | | | Load rating (KN) <i>Coefficiente di carico (KN)</i> | | Speed limit (Rpm) <i>Velocità limite (giri/min)</i> | | Weight (kg) <i>Peso (Kg)</i> | Designation <i>Sigla</i> |
|--------------------------------|-----------|-----------|------------|-----------|--|--|--|--------------------|---------------------------------|-----------------------------|
| d (mm) | D (mm) | H (mm) | D1 (mm) | B (mm) | Dynamic <i>Dinamico</i> C | Static <i>Statico</i> C ₀ | Lubrication <i>Lubrificazione</i> | | | |
| | | | | | | | Grease <i>Grasso</i> | Oil <i>Olio</i> | | |
| 10 | 32 | 22 | 17 | 5 | 16 | 26 | 7650 | 9000 | 0.084 | 52202 |
| 15 | 40 | 26 | 22 | 6 | 22 | 40 | 6120 | 7200 | 0.15 | 52204 |
| 20 | 47 | 28 | 27 | 7 | 27 | 54 | 5738 | 6750 | 0.22 | 52205 |
| | 52 | 34 | 27 | 8 | 34 | 59 | 4820 | 5670 | 0.33 | 52305 |
| | 70 | 52 | 32 | 12 | 72 | 134 | 3825 | 4500 | 1 | 52407 |
| 25 | 52 | 29 | 32 | 7 | 25 | 50 | 5126 | 6030 | 0.25 | 52206 |
| | 60 | 38 | 32 | 9 | 37 | 70 | 4055 | 4770 | 0.45 | 52306 |
| | 80 | 59 | 37 | 15 | 86 | 167 | 3290 | 3780 | 1.45 | 52406 |
| 30 | 62 | 34 | 37 | 8 | 34 | 72 | 4284 | 5040 | 0.41 | 52207 |
| | 68 | 36 | 42 | 9 | 46 | 104 | 4055 | 4770 | 0.55 | 52208 |
| | 68 | 44 | 37 | 10 | 48 | 95 | 3443 | 4050 | 0.68 | 52307 |
| | 78 | 49 | 42 | 12 | 61 | 120 | 3290 | 3870 | 1.05 | 52308 |
| | 90 | 65 | 42 | 15 | 110 | 220 | 2550 | 3050 | 2.05 | 52408 |
| 35 | 73 | 37 | 47 | 9 | 38 | 85 | 3825 | 4500 | 0.6 | 52209 |
| | 85 | 52 | 47 | 12 | 75 | 150 | 3060 | 3600 | 1.24 | 52309 |
| | 100 | 72 | 47 | 17 | 127 | 260 | 2907 | 2700 | 2.70 | 52409 |
| 40 | 78 | 39 | 52 | 9 | 48 | 114 | 3443 | 4050 | 0.67 | 52210 |
| | 95 | 58 | 52 | 14 | 87 | 186 | 2754 | 3240 | 1.75 | 52310 |
| 45 | 90 | 45 | 57 | 10 | 61 | 143 | 3060 | 3600 | 1.1 | 52211 |
| | 105 | 64 | 57 | 15 | 102 | 220 | 2448 | 2880 | 2.4 | 52311 |
| | 120 | 87 | 57 | 20 | 172 | 382 | 1836 | 2160 | 4.70 | 52411 |
| 50 | 95 | 46 | 62 | 10 | 61 | 147 | 2907 | 3420 | 1.16 | 52212 |
| | 110 | 64 | 62 | 15 | 99 | 220 | 2295 | 2700 | 2.55 | 52312 |
| | 130 | 93 | 62 | 21 | 195 | 421 | 1700 | 1980 | 6.35 | 52412 M |
| 55 | 100 | 47 | 67 | 10 | 62 | 160 | 2754 | 3240 | 1.35 | 52213 |
| | 105 | 47 | 72 | 10 | 63 | 169 | 2754 | 3240 | 1.50 | 52214 |
| | 115 | 65 | 67 | 15 | 104 | 235 | 2295 | 2700 | 2.75 | 52313 |
| | 125 | 72 | 72 | 16 | 132 | 314 | 1989 | 2340 | 3.65 | 52314 |
| | 150 | 107 | 73 | 24 | 229 | 539 | 1530 | 1800 | 9.70 | 52414 M |
| 60 | 110 | 47 | 77 | 10 | 66 | 179 | 2601 | 3060 | 1.55 | 52215 |
| | 135 | 79 | 77 | 18 | 160 | 382 | 1836 | 2160 | 4.8 | 52315 |
| 65 | 115 | 48 | 82 | 10 | 75 | 204 | 2601 | 3060 | 1.7 | 52216 |
| | 140 | 79 | 82 | 18 | 156 | 382 | 1836 | 2160 | 4.94 | 52316 |
| 70 | 125 | 55 | 88 | 12 | 96 | 270 | 2295 | 2700 | 2.4 | 52217 |
| 75 | 135 | 62 | 93 | 14 | 117 | 319 | 2142 | 2520 | 3.2 | 52218 |



Double acting thrust ball bearings
Cuscinetti assiali a sfere a doppio effetto

| Dimension <i>Dimensione</i> | | | | | Load rating (KN) <i>Coefficiente di carico (KN)</i> | | Speed limit (Rpm) <i>Velocità limite (giri/min)</i> | | Weight (kg) <i>Peso (Kg)</i> | Designation <i>Sigla</i> |
|--------------------------------|-----------|-----------|------------|-----------|--|--|--|--------------------|---------------------------------|-----------------------------|
| d (mm) | D (mm) | H (mm) | D1 (mm) | B (mm) | Dynamic <i>Dinamico</i> C | Static <i>Statico</i> C ₀ | Lubrication <i>Lubrificazione</i> | | | |
| | | | | | | | Grease <i>Grasso</i> | Oil <i>Olio</i> | | |
| 85 | 150 | 67 | 103 | 15 | 122 | 338 | 1836 | 2160 | 4.2 | 52220 |
| | 170 | 97 | 103 | 21 | 225 | 598 | 1400 | 1710 | 8.95 | 52320 |
| 95 | 160 | 67 | 113 | 15 | 127 | 382 | 1836 | 2160 | 4.65 | 52222 |
| 100 | 170 | 68 | 123 | 15 | 137 | 431 | 1683 | 1980 | 5.25 | 52224 |
| 110 | 190 | 80 | 133 | 18 | 182 | 573 | 1530 | 1800 | 8 | 52226 |
| 120 | 200 | 81 | 143 | 18 | 186 | 608 | 1454 | 1710 | 8.65 | 52228 |
| 130 | 215 | 89 | 153 | 20 | 233 | 784 | 1377 | 1620 | 11.5 | 52230 M |
| 140 | 225 | 90 | 163 | 20 | 236 | 833 | 1530 | 1300 | 12 | 52232 M |
| | 240 | 97 | 173 | 21 | 281 | 999 | 1224 | 1440 | 15 | 52234 M |
| 150 | 250 | 98 | 183 | 21 | 290 | 1000 | 1150 | 1350 | 16 | 52236 M |

Bearings & Components



Double direction thrust ball bearings with spherical back face

Cuscinetti assiali a sfere a doppio effetto con ralle per alloggiamento sferiche

| Dimension <i>Dimensione</i> | | | | | | | | | Load rating (KN) <i>Coefficiente di carico (KN)</i> | | Speed limit (Rpm) <i>Velocità limite (giri/min)</i> | | Weight Bearing with adapter (Kg) <i>Peso Cuscinetto con bussola (Kg)</i> | Designation <i>Sigla</i> | |
|--------------------------------|-----------|-------------------------|------------|--------------------|------------|-----------|-----------|-----------|--|--|--|------|---|------------------------------|----------------------|
| d (mm) | D (mm) | H1 (mm) | D1 (mm) | D2 (mm) | D3 (mm) | H (mm) | B (mm) | C (mm) | Dynamic <i>Dinamico</i> C | Static <i>Statico</i> C ₀ | Lubrication <i>Lubrificazione</i> | | | Bearing <i>Cuscinetto</i> | Ring <i>Ralla</i> |
| | | Grasso <i>Grease</i> | | Olio <i>Oil</i> | | | | | | | | | | | |
| 25 | 60 | 46 | 32 | 45 | 62 | 41.3 | 9 | 7 | 36.946 | 69.58 | 3816 | 4770 | 0.58 | 54306 | U 306 |
| 30 | 62 | 42 | 37 | 48 | 65 | 37.73 | 8 | 7 | 34.398 | 72.03 | 4032 | 5040 | 0.53 | 54207 | U 207 |
| | 68 | 44 | 42 | 55 | 72 | 38.6 | 9 | 7 | 45.864 | 103.88 | 3816 | 4770 | 0.63 | 54208 | U 208 |
| | 68 | 52 | 37 | 52 | 72 | 47.19 | 10 | 7.5 | 48.412 | 94.57 | 3240 | 4050 | 0.85 | 54307 | U 307 |
| | 78 | 59 | 42 | 60 | 82 | 54.1 | 12 | 8.5 | 60.564 | 119.56 | 3096 | 3870 | 1.17 | 54308 | U 308 |
| 35 | 73 | 45 | 47 | 60 | 78 | 39.6 | 9 | 7.5 | 38.22 | 84.77 | 3600 | 4500 | 0.78 | 54209 | U 209 |
| | 85 | 62 | 47 | 65 | 90 | 56.2 | 12 | 10 | 74.578 | 152.88 | 2880 | 3600 | 1.6 | 54309 | U 309 |
| | 100 | 86 | 47 | 72 | 105 | 78.9 | 17 | 12.5 | 127.4 | 259.7 | 2160 | 2700 | 3 | 54409 | U 409 |
| 40 | 95 | 70 | 52 | 72 | 100 | 64.7 | 14 | 11 | 86.632 | 186.2 | 2592 | 3240 | 2.3 | 54310 | U 310 |
| | 100 | 92 | 52 | 80 | 115 | 83.2 | 18 | 14 | 155.82 | 333.2 | 2016 | 2520 | 4.45 | 54410 | U 410 |
| 45 | 90 | 55 | 57 | 72 | 95 | 49.6 | 10 | 9 | 60.564 | 143.08 | 2880 | 3600 | 1.3 | 54211 | U 211 |
| 50 | 110 | 78 | 62 | 85 | 115 | 70.7 | 15 | 11.5 | 98.98 | 219.52 | 2160 | 2700 | 2.9 | 54312 | U 312 |
| 65 | 140 | 95 | 82 | 110 | 145 | 86.1 | 18 | 18 | 155.82 | 382.2 | 1728 | 2160 | 0.57 | 54316 | U 316 |
| | 170 | 140 | 83 | 125 | 175 | 128.5 | 27 | 22 | 264.6 | 656.6 | 1224 | 1530 | 1.4 | 54416 M | U 416 |
| 70 | 150 | 105 | 88 | 115 | 155 | 95.2 | 19 | 17.5 | 186.2 | 455.7 | 1584 | 1980 | 7.95 | 54317 | U 317 |
| 80 | 210 | 176 | 103 | 155 | 220 | 159.9 | 33 | 27 | 363.58 | 1038.8 | 1008 | 1260 | 29 | 54420 M | U 420 |

Bearings & Components