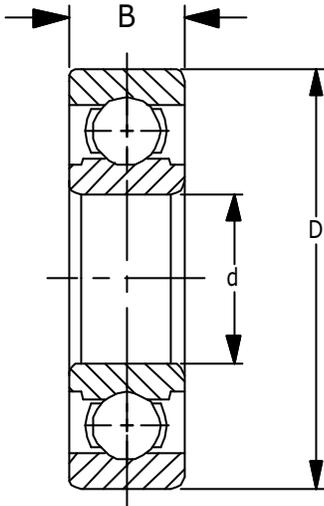
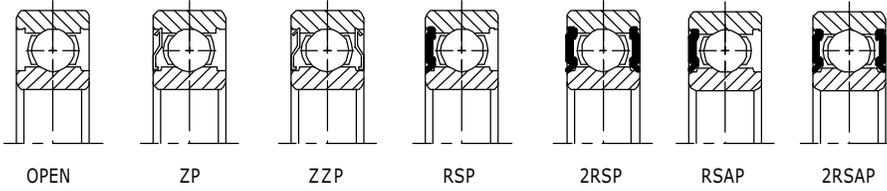




600 SERIES



The 600 extra small metric series is produced in bore sizes ranging from 4mm to 9mm. These bearings are designed to take adequate radial and thrust loads in proportion to small shaft sizes. This series may be ordered open, shielded, with contact seals, or non-contact seals. Stainless steel 440C, 600 Series bearings are available upon request.



Units: Inches
Metric

| Part Number | Bore d | Tolerance +.0000 to minus | OD D | Tolerance +.0000 to minus | Width B | Tolerance +.0000 to minus | * fillet radii r | Basic Load Ratings lbf N | | Weight lb Kg | Limiting speed of Open Bearing (rpm) | |
|-------------|--------|---------------------------------|--------|---------------------------------|---------|---------------------------------|---------------------|--------------------------------|---------------|--------------------|--|--------|
| | | | | | | | | Dynamic Cr | Static Cor | | oil | grease |
| 624 | .1575 | .0003 | .5118 | .0003 | .1969 | .0047 | .012 | 295 | 110 | .007 | 49,000 | 42,000 |
| | 4 | .008 | 13 | .008 | 5 | .120 | .3 | 1,312 | 489 | .003 | | |
| 634 | .1575 | .0003 | .6299 | .0003 | .1969 | .0047 | .012 | 395 | 153 | .011 | 44,000 | 37,000 |
| | 4 | .008 | 16 | .008 | 5 | .120 | .3 | 1,757 | 681 | .005 | | |
| 625 | .1969 | .0003 | .6299 | .0003 | .1969 | .0047 | .012 | 395 | 153 | .010 | 44,000 | 37,000 |
| | 5 | .008 | 16 | .008 | 5 | .120 | .3 | 1,757 | 681 | .005 | | |
| 635 | .1969 | .0003 | .7480 | .0003 | .2362 | .0047 | .012 | 527 | 199 | .018 | 40,000 | 34,000 |
| | 5 | .008 | 19 | .009 | 6 | .120 | .3 | 2,390 | 885 | .008 | | |
| 606 | .2362 | .0003 | .6693 | .0003 | .2362 | .0047 | .012 | 509 | 195 | .013 | 42,000 | 35,000 |
| | 6 | .008 | 17 | .009 | 6 | .120 | .3 | 2,260 | 867 | .006 | | |
| 626 | .2362 | .0003 | .7480 | .0003 | .2362 | .0047 | .012 | 527 | 200 | .018 | 40,000 | 34,000 |
| | 6 | .008 | 19 | .009 | 6 | .120 | .3 | 2,310 | 890 | .008 | | |
| 626-4 | .2500 | .0003 | .7480 | .0003 | .2362 | .0047 | .012 | 525 | 200 | .022 | 40,000 | 34,000 |
| | 6.35 | .008 | 19 | .009 | 6 | .120 | .3 | 2,335 | 890 | .010 | | |
| 607 | .2756 | .0003 | .7480 | .0003 | .2362 | .0047 | .012 | 505 | 205 | .018 | 40,000 | 34,000 |
| | 7 | .008 | 19 | .009 | 6 | .120 | .3 | 2,246 | 912 | .008 | | |
| 627 | .2756 | .0003 | .8661 | .0003 | .2756 | .0047 | .012 | 750 | 315 | .029 | 37,000 | 32,000 |
| | 7 | .008 | 22 | .009 | 7 | .120 | .3 | 3,336 | 1,401 | .013 | | |
| 627-4 | .2500 | .0003 | .8661 | .0003 | .2756 | .0047 | .012 | 750 | 315 | .031 | 36,000 | 30,000 |
| | 6.35 | .008 | 22 | .009 | 7 | .120 | .3 | 3,336 | 1,401 | .014 | | |
| 608 | .3150 | .0003 | .8661 | .0003 | .2756 | .0047 | .012 | 750 | 315 | .026 | 40,000 | 34,000 |
| | 8 | .008 | 22 | .009 | 7 | .120 | .3 | 3,336 | 1,401 | .012 | | |
| 608-3123 | .3123 | .0003 | .8661 | .0003 | .2756 | .0047 | .012 | 750 | 315 | .031 | 40,000 | 34,000 |
| | 7.932 | .008 | 22 | .009 | 7 | .120 | .3 | 3,336 | 1,401 | .014 | | |
| 608-3125 | .3125 | .0003 | .8661 | .0003 | .2756 | .0047 | .012 | 750 | 315 | .031 | 40,000 | 34,000 |
| | 7.9375 | .008 | 22 | .009 | 7 | .120 | .3 | 3,336 | 1,401 | .014 | | |
| 608-3126 | .3126 | .0003 | .8661 | .0003 | .2756 | .0047 | .012 | 750 | 315 | .031 | 40,000 | 34,000 |
| | 7.940 | .008 | 22 | .009 | 7 | .120 | .3 | 3,336 | 1,401 | .014 | | |
| 609 | .3543 | .0003 | .9449 | .0003 | .2756 | .0047 | .012 | 765 | 325 | .033 | 36,000 | 31,000 |
| | 9 | .008 | 24 | .009 | 7 | .120 | .3 | 3,402 | 1,445 | .015 | | |
| 629 | .3543 | .0003 | 1.0236 | .0003 | .3150 | .0047 | .012 | 1,030 | 440 | .044 | 35,000 | 30,000 |
| | 9 | .008 | 26 | .009 | 8 | .120 | .3 | 4,582 | 1,970 | .020 | | |

*Maximum fillet which corner radius of bearing will clear.