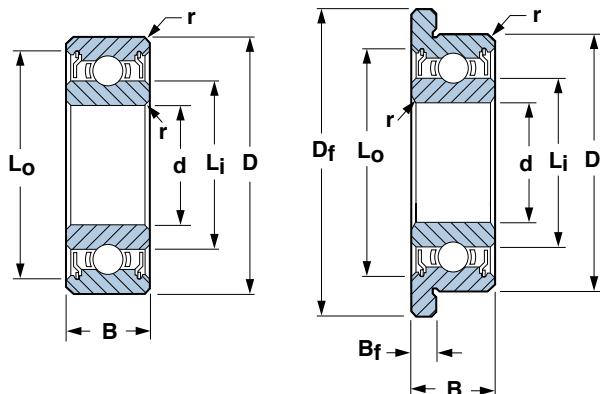


Radial Shielded and Flanged Shielded Bearings

| BORE d | | O.D. D | | WIDTH B | | *BASIC NUMBER | FLANGE (MM) | | FLANGED *BASIC NUMBER | REFERENCE DIAMETER (MM) | | FILLET RADIUS r | | LOAD RATINGS N | |
|-----------|-------|-----------|-------|------------|-------|------------------|------------------------|-------------------------|-----------------------------|----------------------------|----------------|--------------------|------|-------------------|-----------------|
| MM | INCH | MM | INCH | MM | INCH | | DIA. D _f | WIDTH B _f | | L _i | L _o | MM | INCH | C _r | C _{or} |
| 1.5 | .0591 | 4.0 | .1575 | 2.0 | .0787 | DDL-415 | — | — | — | 2.15 | 3.42 | 0.05 | .002 | 113 | 34 |
| 1.5 | .0591 | 4.0 | .1575 | 2.0 | .0787 | DDL-415 | 5.0 | 0.6 | DDLDF-415 | 2.26 | 3.49 | 0.05 | .002 | 125 | 38 |
| 2.0 | .0787 | 5.0 | .1969 | 2.3 | .0906 | DDL-520 | 6.1 | 0.8 | DDLDF-520 | 2.90 | 4.28 | 0.08 | .003 | 187 | 59 |
| 2.5 | .0984 | 6.0 | .2362 | 2.6 | .1024 | DDL-625 | 7.1 | 0.6 | DDLDF-625 | 3.80 | 5.23 | 0.08 | .003 | 206 | 73 |
| 3.0 | .1181 | 6.0 | .2362 | 2.5 | .0984 | DDL-630 | 7.2 | 0.8 | DDLDF-630 | 3.80 | 5.23 | 0.08 | .003 | 206 | 73 |
| 3.0 | .1181 | 7.0 | .2756 | 3.0 | .1181 | DDL-730 | 8.1 | 0.6 | DDLDF-730 | 4.10 | 6.13 | 0.10 | .004 | 384 | 129 |
| 4.0 | .1575 | 7.0 | .2756 | 2.5 | .0984 | DDL-740 | 8.2 | 0.6 | DDLDF-740 | 4.80 | 6.33 | 0.08 | .003 | 252 | 106 |
| 4.0 | .1575 | 8.0 | .3150 | 3.0 | .1181 | DDL-840 | 9.2 | 1.0 | DDLDF-840 | 5.20 | 7.24 | 0.10 | .004 | 391 | 140 |
| 4.0 | .1575 | 9.0 | .3543 | 4.0 | .1575 | DDL-940 | 10.3 | 0.8 | DDLDF-940 | 5.20 | 7.93 | 0.10 | .004 | 641 | 226 |
| 4.0 | .1575 | 10.0 | .3937 | 4.0 | .1575 | DDL-1040 | 11.6 | 0.6 | DDLDF-1040 | 5.46 | 8.50 | 0.15 | .006 | 708 | 266 |
| 5.0 | .1969 | 8.0 | .3150 | 2.5 | .0984 | DDL-850 | 9.2 | 0.6 | DDLDF-850 | 5.80 | 7.26 | 0.08 | .003 | 274 | 130 |
| 5.0 | .1969 | 9.0 | .3543 | 3.0 | .1181 | DDL-950 | 10.2 | 0.8 | DDLDF-950 | 6.00 | 8.04 | 0.10 | .004 | 495 | 207 |
| 5.0 | .1969 | 10.0 | .3937 | 4.0 | .1575 | DDL-1050 | 11.6 | 1.0 | DDLDF-1050 | 6.40 | 8.94 | 0.10 | .006 | 714 | 276 |
| 5.0 | .1969 | 11.0 | .4331 | 5.0 | .1969 | DDL-1150 | 12.5 | 0.6 | DDLDF-1150 | 6.40 | 9.54 | 0.15 | .006 | 714 | 276 |
| 6.0 | .2362 | 10.0 | .3937 | 3.0 | .1181 | DDL-1060 | 11.2 | 0.8 | DDLDF-1060 | 6.95 | 9.04 | 0.10 | .004 | 457 | 194 |
| 6.0 | .2362 | 12.0 | .4724 | 4.0 | .1575 | DDL-1260 | 13.6 | 1.1 | DDLDF-1260 | 7.70 | 10.48 | 0.15 | .006 | 831 | 363 |
| 6.0 | .2362 | 13.0 | .5118 | 5.0 | .1969 | DDL-1360 | 15.0 | 0.6 | DDLDF-1360 | 7.33 | 11.44 | 0.15 | .006 | 1083 | 438 |
| 7.0 | .2756 | 11.0 | .4331 | 3.0 | .1181 | DDL-1170 | 12.2 | 0.8 | DDLDF-1170 | 8.10 | 10.14 | 0.10 | .004 | 449 | 199 |
| 7.0 | .2756 | 13.0 | .5118 | 4.0 | .1575 | DDL-1370 | 14.6 | 1.1 | DDLDF-1370 | 8.43 | 11.54 | 0.15 | .006 | 880 | 414 |
| 7.0 | .2756 | 14.0 | .5512 | 5.0 | .1969 | DDL-1470 | 16.0 | 0.8 | DDLDF-1470 | 9.00 | 12.45 | 0.15 | .006 | 1175 | 511 |
| 8.0 | .3150 | 12.0 | .4724 | 3.5 | .1378 | DDL-1280 | 13.6 | 0.8 | DDLDF-1280 | 9.10 | 11.24 | 0.10 | .004 | 506 | 249 |
| 8.0 | .3150 | 14.0 | .5512 | 4.0 | .1575 | DDL-1480 | 15.6 | 1.1 | DDLDF-1480 | 9.90 | 12.55 | 0.15 | .006 | 819 | 386 |
| 8.0 | .3150 | 16.0 | .6299 | 5.0 | .1969 | DDL-1680 | 18.0 | 1.1 | DDLDF-1680 | 9.68 | 14.18 | 0.20 | .008 | 1606 | 712 |
| 9.0 | .3543 | 17.0 | .6693 | 5.0 | .1969 | DDL-1790 | 19.0 | — | DDLDF-1790 | 11.20 | 15.34 | 0.20 | .008 | 1724 | 813 |
| 9.0 | .3543 | 20.0 | .7874 | 6.0 | .2362 | DDL-2090 | — | — | — | 12.32 | 17.44 | 0.30 | .012 | 2123 | 985 |
| 10.0 | .3937 | 19.0 | .7480 | 7.0 | .2756 | DDL-1910 | — | — | — | 12.32 | 17.44 | 0.30 | .012 | 2123 | 985 |
| 12.0 | .4724 | 21.0 | .8268 | 5.0 | .1969 | DDL-2112 | — | — | — | 14.40 | 19.22 | 0.30 | .012 | 1917 | 1042 |



NOTES:

1. Basic numbers shown above include code "DD" for NMB developed 400 series Martensitic stainless steel. If chrome steel is desired, delete "DD".
2. ABEC 1, 3, 5 and 7 tolerances apply.
3. r = Maximum shaft or housing fillet radius that bearing corners will clear.

* "DD" is a trademark of NMB.