



CRS Commercial

*Teflon Liner Available

| RADIAL PART NO. | B | O | D | F | T | W | Ball Dia. | M° | HOUSING BORE | MAX. Static Radial Load (LBS) | Approx Weight (LBS) |
|-----------------|--------------------|--------|--------------------|--------|-------|-------|-----------|----------------|----------------------------|-------------------------------|---------------------|
| | +0.0015 -0.0005 | (REF.) | +0.0000 -0.0007 | (REF.) | ±.005 | ±.005 | (REF.) | misalign angle | Recommended Alum. or Steel | | |
| CRS-3 | .1900 | .293 | .5625 | .020 | .218 | .281 | .406 | 11 | .5623 .5618 | 3,250 | .014 |
| CRS-4 | .2500 | .364 | .6562 | .022 | .250 | .343 | .500 | 13.5 | .6560 .6555 | 4,900 | .022 |
| CRS-5 | .3125 | .419 | .7500 | .032 | .281 | .375 | .562 | 12 | .7498 .7493 | 6,450 | .030 |
| CRS-6 | .3750 | .517 | .8125 | .032 | .312 | .406 | .656 | 10 | .8123 .8118 | 8,250 | .038 |
| CRS-7 | .4375 | .572 | .9062 | .032 | .343 | .437 | .718 | 8 | .9060 .9055 | 10,200 | .048 |
| CRS-8 | .5000 | .642 | 1.000 | .032 | .390 | .500 | .813 | 9.5 | .9998 .9993 | 13,600 | .065 |
| CRS-9 | .5625 | .670 | 1.0937 | .032 | .437 | .562 | .906 | 9.5 | 1.0935 1.0930 | 15,900 | .086 |
| CRS-10 | .6250 | .739 | 1.1875 | .032 | .500 | .625 | .968 | 8.5 | 1.1873 1.1868 | 21,000 | .110 |
| CRS-12 | .7500 | .920 | 1.4375 | .044 | .593 | .750 | 1.187 | 9 | 1.4373 1.4368 | 30,000 | .204 |
| CRS-14 | .8750 | .980 | 1.5625 | .044 | .703 | .875 | 1.312 | 9.5 | 1.5623 1.5618 | 41,100 | .263 |
| CRS-16 | 1.0000 | 1.118 | 1.7500 | .044 | .797 | 1.000 | 1.500 | 10 | 1.7498 1.7493 | 54,700 | .386 |

Materials

| BALL | RACE |
|--|--------------------------------|
| 52100 Steel Heat Treated & Chrome Plated | Low Carbon Steel Oil Coated |

*A trade name of E. I. Dupont de Nemours & Co

Notes

1. Basic radial static load is determined from 0.20% permanent set based on the nominal ball diameter per ARTC recommendation.
2. Basic axial yield allowable load is 20% of basic radial yield allowable load.
3. Standard radial clearance between ball and outer race .003 max. Special clearance can be furnished upon request.
4. *Teflon Liner available upon request. Add suffix "T", Example: CRS-6T

