



## BEARING CORP.OF AMERICA

2,38 mm x 4,762 mm x 5,944 mm skf D/W R133  
R-2ZS Deep groove ball bearings

Bearing No. D/W R133 R-2ZS

|   |                     |
|---|---------------------|
| Size                                    | 2.38x4.762x5.944 mm |
| Bore Diameter                           | 2,38 mm             |
| Outer Diameter                          | 4,762 mm            |
| Width                                   | 5,944 mm            |
| d                                       | 2,38 mm             |
| D                                       | 4,762 mm            |
| B                                       | 5,944 mm            |
| C                                       | 2,38 mm             |
| C                                       | 0,787 mm            |
| D3                                      | 5,944 mm            |
| Weight                                  | 0,0002 Kg           |
| Basic dynamic load rating (C)           | 0,078 kN            |
| Basic static load rating (C0)           | 0,025 kN            |
| Fatigue load limit (Pu)                 | 0,001               |
| Reference speed                         | 190 000 r/min       |
| d <sub>1</sub>                          | 3 mm                |
| D <sub>2</sub>                          | 4.2 mm              |
| D <sub>3</sub>                          | 5.944 mm            |
| r <sub>1,2</sub> min.                   | 0.1 mm              |
| d <sub>a</sub> min.                     | 2.9 mm              |
| d <sub>a</sub> max.                     | 2.9 mm              |
| r <sub>a</sub> max.                     | 0.1 mm              |
| Basic dynamic load rating C             | 0.078 kN            |
| Basic static load rating C <sub>0</sub> | 0.025 kN            |
| Fatigue load limit P <sub>u</sub>       | 0.001 kN            |
| Limiting speed                          | 95000 r/min         |
|   |                     |



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|                          |           |
|--------------------------|-----------|
| Calculation factor $k_r$ | 0.02      |
| Calculation factor $f_0$ | 6.9       |
| Mass bearing             | 0.0002 kg |