

Deep groove ball bearing



Sealed 2RSR



Shields 2Z

|             |            |
|-------------|------------|
| model :     | 61814-2Z-Y |
| Mass m kg : | 0.14       |

Principal dimensionsmm :

|                  |      |
|------------------|------|
| d :              | 70   |
| D :              | 90   |
| B :              | 10   |
| rmin :           | 0.6  |
| D <sub>1</sub> : | -    |
| D <sub>2</sub> : | 85.5 |
| d <sub>1</sub> : | 76.6 |

Fitting dimensionmm :

|                      |      |
|----------------------|------|
| d <sub>a</sub> min : | 73.2 |
| D <sub>a</sub> max : | 86.8 |
| r <sub>a</sub> max : | 0.6  |

Basic load ratingsN :

|                              |       |
|------------------------------|-------|
| Dynamic loadC <sub>r</sub> : | 12500 |
| Static loadC <sub>or</sub> : | 12500 |
| Fatigue ultimate loadCur/N : | 540   |
| Extreme speednG/min-1 :      | 7000  |
| Reference speednB/min-1 :    | 6700  |



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