



## BEARINGS(UK)LTD.

30 mm x 42 mm x 10 mm skf W 63806 R-2Z  
Deep groove ball bearings

Bearing No. W 63806 R-2Z

|   |              |
|---|--------------|
| Size                                    | 30x42x10 mm  |
| Bore Diameter                           | 30 mm        |
| Outer Diameter                          | 42 mm        |
| Width                                   | 10 mm        |
| d                                       | 30 mm        |
| D                                       | 42 mm        |
| B                                       | 10 mm        |
| C                                       | 10 mm        |
| C                                       | 2 mm         |
| D3                                      | 45 mm        |
| Weight                                  | 0,0392 Kg    |
| Basic dynamic load rating (C)           | 3,58 kN      |
| Basic static load rating (C0)           | 2,9 kN       |
| Fatigue load limit (Pu)                 | 0,125        |
| Reference speed                         | 34 000 r/min |
| d <sub>2</sub>                          | 33.11 mm     |
| D <sub>2</sub>                          | 39.2 mm      |
| D <sub>3</sub>                          | 45 mm        |
| r <sub>1,2</sub> min.                   | 0.3 mm       |
| d <sub>a</sub> min.                     | 32 mm        |
| r <sub>a</sub> max.                     | 0.3 mm       |
| Basic dynamic load rating C             | 3.58 kN      |
| Basic static load rating C <sub>0</sub> | 2.9 kN       |
| Fatigue load limit P <sub>u</sub>       | 0.125 kN     |
| Limiting speed                          | 17000 r/min  |
| Calculation factor k <sub>r</sub>       | 0.02         |
|   |              |



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|                          |      |
|--------------------------|------|
| Calculation factor $f_0$ | 14.1 |
|--------------------------|------|