



# PRECISION BEARING CORP.

skf snl 3144 bearing

Bearing No. snl 3144

| Category                               | Mounted Units & Inserts |
|--|-------------------------|
| Inventory                              | 0.0                     |
| Manufacturer Name                      | SKF                     |
| Minimum Buy Quantity                   | N/A                     |
| Weight                                 | 139.5                   |
| EAN                                    | 7316571680491           |
| Product Group                          | M06110                  |
| inside diameter:                       | 200 mm                  |
| compatible bore diameter:              | 200 mm                  |
| base to bore centerline:               | 220 mm                  |
| housing material:                      | Cast Iron               |
| overall length:                        | 640 mm                  |
| compatible bearing type:               | Spherical Roller        |
| overall height:                        | 434 mm                  |
| finish/coating:                        | Uncoated                |
| overall width:                         | 290 mm                  |
| compatible bearing series/part number: | 23144CCK/W33, C3144 K   |
| mounting:                              | Four-Bolt Base          |
| series:                                | SNL                     |
| housing construction:                  | Split Pillow Block      |
| standards met:                         | ISO/DIS 185 Grade 200   |
| Bearing (basic designation)            | 23144 K                 |
| Locating ring                          | 2 x FRB 10/370          |
| d <sub>a</sub>                         | 200 mm                  |
| d <sub>2</sub>                         | 330 mm                  |
| C <sub>a</sub>                         | 140 mm                  |
| D <sub>a</sub>                         | 370 mm                  |



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|                     |           |
|---------------------|-----------|
| A                   | 290 mm    |
| A <sub>1</sub>      | 240 mm    |
| A <sub>TS</sub>     | 300 mm    |
| A <sub>TK</sub>     | 391 mm    |
| H                   | 434 mm    |
| H <sub>1</sub>      | 220 mm    |
| H <sub>2</sub>      | 90 mm     |
| J                   | 540 mm    |
| J <sub>1</sub>      | 140 mm    |
| L                   | 640 mm    |
| N                   | 42 mm     |
| N <sub>1</sub>      | 35 mm     |
| s                   | 12 mm     |
| b <sub>a</sub> min. | 100 mm    |
| b <sub>a</sub> max. | 128 mm    |
| b <sub>b</sub>      | 95 mm     |
| b <sub>c</sub>      | 133.5 mm  |
| J <sub>6</sub>      | 590 mm    |
| N <sub>4</sub> max. | 20 mm     |
| Labyrinth seal      | 2 x TS 44 |
| Taconite seal       | 2 x TK 44 |
| End cover           | ETS 44    |
| P <sub>0°</sub>     | 3100 kN   |
| P <sub>55°</sub>    | 4000 kN   |
| P <sub>90°</sub>    | 1900 kN   |
| P <sub>120°</sub>   | 1400 kN   |
| P <sub>150°</sub>   | 1300 kN   |
| P <sub>180°</sub>   | 1600 kN   |
| P <sub>a</sub>      | 1000 kN   |
| Q <sub>120°</sub>   | 1800 kN   |
| Q <sub>150°</sub>   | 1040 kN   |
| Q <sub>180°</sub>   | 900 kN    |
|                     |           |



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|   |            |
|---|------------|
| Mass housing  | 138 kg     |
| Cap bolt, size                                      | M 24x160   |
| Cap bolt, rec. tightening torque                    | 350 N · m  |
| Appropriate attachment bolt, size G                 | 30 mm      |
| Appropriate attachment bolt, rec. tightening torque | 1310 N · m |
| Eye bolt, size                                      | 2 x M 20   |
| Initial grease fill, 20%                            | 1.7 kg     |
| Initial grease fill, 40%                            | 2.7 kg     |