

## RS PRO Ball Bearings

RS Stock No.: 2612579, 2612583, 2612586,  
2612590, 2612595, 2612601, 2612606, 2612609,  
2612612, 2612616, 2612619, 2612623, 2612636

### Features

- Ball Bearing Type: Deep Groove
- End Type: Closed
- Race Type: Plain



RS PRO Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

RS PRO Deep Groove Sealed C3 Bearings

## General Specifications

| RS article | Description                         | End Type | Clearance | Race Type |
|------------|-------------------------------------|----------|-----------|-----------|
| 1883275    | Deep Groove Ball Bearing 7X19X6mm   | Sealed   | C3        | Plain     |
| 2612601    | Deep Groove Ball Bearing 8X22X7mm   | Sealed   | C3        | Plain     |
| 2612636    | Deep Groove Ball Bearing 6X19X6mm   | Sealed   | C3        | Plain     |
| 1883278    | Deep Groove Ball Bearing 9X26X8mm   | Sealed   | C3        | Plain     |
| 2612579    | Deep Groove Ball Bearing 10X26X8mm  | Sealed   | C3        | Plain     |
| 2612583    | Deep Groove Ball Bearing 12X28X8mm  | Sealed   | C3        | Plain     |
| 2612586    | Deep Groove Ball Bearing 15X32X9mm  | Sealed   | C3        | Plain     |
| 2612590    | Deep Groove Ball Bearing 17X35X10mm | Sealed   | C3        | Plain     |
| 1883283    | Deep Groove Ball Bearing 20X42X12mm | Sealed   | C3        | Plain     |
| 2612595    | Deep Groove Ball Bearing 25X47X12mm | Sealed   | C3        | Plain     |
| 1883285    | Deep Groove Ball Bearing 30X55X13mm | Sealed   | C3        | Plain     |
| 1883286    | Deep Groove Ball Bearing 35X62X14mm | Sealed   | C3        | Plain     |
| 1883287    | Deep Groove Ball Bearing 40X68X15mm | Sealed   | C3        | Plain     |
| 1883289    | Deep Groove Ball Bearing 45X75X16mm | Sealed   | C3        | Plain     |
| 1883290    | Deep Groove Ball Bearing 50X80X16mm | Sealed   | C3        | Plain     |
| 2612606    | Deep Groove Ball Bearing 10X30X9mm  | Sealed   | C3        | Plain     |
| 2612609    | Deep Groove Ball Bearing 12X32X10mm | Sealed   | C3        | Plain     |
| 2612612    | Deep Groove Ball Bearing 15X35X11mm | Sealed   | C3        | Plain     |
| 2612616    | Deep Groove Ball Bearing 17X40X12mm | Sealed   | C3        | Plain     |
| 2612619    | Deep Groove Ball Bearing 20X47X14mm | Sealed   | C3        | Plain     |
| 2612623    | Deep Groove Ball Bearing 25X52X15mm | Sealed   | C3        | Plain     |
| 1883297    | Deep Groove Ball Bearing 30X62X16mm | Sealed   | C3        | Plain     |
| 1883298    | Deep Groove Ball Bearing 35X72X17mm | Sealed   | C3        | Plain     |
| 1883299    | Deep Groove Ball Bearing 40X80X18mm | Sealed   | C3        | Plain     |
| 1883300    | Deep Groove Ball Bearing 45X85X19mm | Sealed   | C3        | Plain     |
| 1883301    | Deep Groove Ball Bearing 50X90X20mm | Sealed   | C3        | Plain     |
| 1883302    | Deep Groove Ball Bearing 10X35X11mm | Sealed   | C3        | Plain     |
| 1883303    | Deep Groove Ball Bearing 12X37X12mm | Sealed   | C3        | Plain     |
| 1883304    | Deep Groove Ball Bearing 15X42X13mm | Sealed   | C3        | Plain     |
| 1883305    | Deep Groove Ball Bearing 17X47X14mm | Sealed   | C3        | Plain     |
| 1883306    | Deep Groove Ball Bearing 20X52X15mm | Sealed   | C3        | Plain     |
| 1883307    | Deep Groove Ball Bearing 25X62X17mm | Sealed   | C3        | Plain     |
| 1883308    | Deep Groove Ball Bearing 30X72X19mm | Sealed   | C3        | Plain     |

|         |                                      |        |    |       |
|---------|--------------------------------------|--------|----|-------|
| 1883309 | Deep Groove Ball Bearing 35X80X21mm  | Sealed | C3 | Plain |
| 1883310 | Deep Groove Ball Bearing 40X90X23mm  | Sealed | C3 | Plain |
| 1883311 | Deep Groove Ball Bearing 45X100X25mm | Sealed | C3 | Plain |
| 1883312 | Deep Groove Ball Bearing 50X110X27mm | Sealed | C3 | Plain |

## Mechanical Specifications

| RS article | ID mm | OD mm | Width mm | Dynamic N | Static N | Limiting Speed rpm | Mass Kg |
|------------|-------|-------|----------|-----------|----------|--------------------|---------|
| 1883275    | 7     | 19    | 6        | 2,34      | 0,95     | 24,000             | 0,0078  |
| 2612601    | 8     | 22    | 7        | 3,45      | 1,37     | 22,000             | 0,012   |
| 2612636    | 6     | 19    | 6        | 2,34      | 0,95     | 24,000             | 0,00084 |
| 1883278    | 9     | 26    | 8        | 4,75      | 1,96     | 19,000             | 0,02    |
| 2612579    | 10    | 26    | 8        | 4,75      | 1,96     | 19,000             | 0,019   |
| 2612583    | 12    | 28    | 8        | 5,4       | 2,36     | 17,000             | 0,021   |
| 2612586    | 15    | 32    | 9        | 5,85      | 2,85     | 14,000             | 0,03    |
| 2612590    | 17    | 35    | 10       | 6,37      | 3,25     | 13,000             | 0,039   |
| 1883283    | 20    | 42    | 12       | 9,95      | 5        | 11,000             | 0,0067  |
| 2612595    | 25    | 47    | 12       | 11,9      | 6,55     | 9,500              | 0,08    |
| 1883285    | 30    | 55    | 13       | 13,8      | 8,3      | 8,000              | 0,12    |
| 1883286    | 35    | 62    | 14       | 16,8      | 10,2     | 7,000              | 0,16    |
| 1883287    | 40    | 68    | 15       | 17,8      | 11       | 6,300              | 0,2     |
| 1883289    | 45    | 75    | 16       | 22,1      | 14,6     | 5,600              | 0,25    |
| 1883290    | 50    | 80    | 16       | 22,9      | 15,6     | 5,000              | 0,27    |
| 2612606    | 10    | 30    | 9        | 5,4       | 2,36     | 17,000             | 0,032   |
| 2612609    | 12    | 32    | 10       | 7,28      | 3,1      | 15,000             | 0,038   |
| 2612612    | 15    | 35    | 11       | 8,06      | 3,75     | 13,000             | 0,046   |
| 2612616    | 17    | 40    | 12       | 9,95      | 4,75     | 12,000             | 0,067   |
| 2612619    | 20    | 47    | 14       | 13,5      | 6,55     | 10,000             | 0,11    |
| 2612623    | 25    | 52    | 15       | 14,8      | 7,8      | 8,500              | 0,13    |
| 1883297    | 30    | 62    | 16       | 20,3      | 11,2     | 7,500              | 0,2     |
| 1883298    | 35    | 72    | 17       | 27        | 15,3     | 6,300              | 0,3     |
| 1883299    | 40    | 80    | 18       | 32,5      | 19       | 5,600              | 0,38    |
| 1883300    | 45    | 85    | 19       | 35,1      | 21,6     | 5,000              | 0,43    |
| 1883301    | 50    | 90    | 20       | 37,1      | 23,2     | 4,800              | 0,47    |
| 1883302    | 10    | 35    | 11       | 8,52      | 3,4      | 15,000             | 0,053   |

|         |    |     |    |      |      |        |       |
|---------|----|-----|----|------|------|--------|-------|
| 1883303 | 12 | 37  | 12 | 10,1 | 4,15 | 14,000 | 0,06  |
| 1883304 | 15 | 42  | 13 | 11,9 | 5,4  | 12,000 | 0,085 |
| 1883305 | 17 | 47  | 14 | 14,3 | 6,55 | 11,000 | 0,12  |
| 1883306 | 20 | 52  | 15 | 16,8 | 7,8  | 9,500  | 0,15  |
| 1883307 | 25 | 62  | 17 | 23,4 | 11,6 | 7,500  | 0,23  |
| 1883308 | 30 | 72  | 19 | 29,6 | 16   | 6,300  | 0,36  |
| 1883309 | 35 | 80  | 21 | 35,1 | 19   | 6,000  | 0,47  |
| 1883310 | 40 | 90  | 23 | 42,3 | 24   | 5,000  | 0,65  |
| 1883311 | 45 | 100 | 25 | 55,3 | 31,5 | 4,500  | 0,87  |
| 1883312 | 50 | 110 | 27 | 65   | 38   | 4,300  | 1,1   |