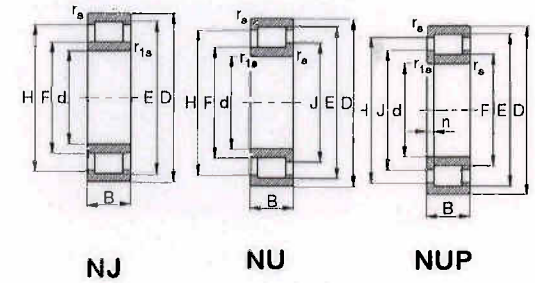




Emerson Bearing
Service. Inventory. Solutions.



**Shaft & Housing Fits
For
Electric Motor Bearings**

**Cylindrical
Bearings
Series NU
200—300**

| BEARING | BRG ID | SHAFT DIAMETER | | BRG OD | HOUSING DIAMETER | |
|---------|--------|----------------|----------|--------|------------------|----------|
| type | mm | MAX-inch | MIN-inch | mm | MIN-inch | MAX-inch |
| NU202E | 15 | 0.5910 | 0.5906 | 35 | 1.3780 | 1.3786 |
| NU203E | 17 | 0.6697 | 0.6693 | 40 | 1.5748 | 1.5754 |
| NU204E | 20 | 0.7879 | 0.7875 | 47 | 1.8504 | 1.8510 |
| NU205E | 25 | 0.9848 | 0.9844 | 52 | 2.0472 | 2.0479 |
| NU206E | 30 | 1.1816 | 1.1812 | 62 | 2.4409 | 2.4416 |
| NU207E | 35 | 1.3785 | 1.3781 | 72 | 2.8346 | 2.8353 |
| NU208E | 40 | 1.5753 | 1.5749 | 80 | 3.1496 | 3.1503 |
| NU209E | 45 | 1.7722 | 1.7718 | 85 | 3.3464 | 3.3474 |
| NU210E | 50 | 1.9690 | 1.9686 | 90 | 3.5433 | 3.5442 |
| NU211E | 55 | 2.1660 | 2.1655 | 100 | 3.9370 | 3.9379 |
| NU212E | 60 | 2.3628 | 2.3623 | 110 | 4.3307 | 4.3316 |
| NU213E | 65 | 2.5601 | 2.5596 | 120 | 4.7244 | 4.7253 |
| NU214E | 70 | 2.7569 | 2.7564 | 125 | 4.9212 | 4.9223 |
| NU215E | 75 | 2.9538 | 2.9533 | 130 | 5.1181 | 5.1191 |
| NU216E | 80 | 3.1506 | 3.1501 | 140 | 5.5118 | 5.5128 |
| NU217E | 85 | 3.3476 | 3.3470 | 150 | 5.9055 | 5.9065 |
| NU218E | 90 | 3.5444 | 3.5438 | 160 | 6.2992 | 6.3002 |
| NU219E | 95 | 3.7413 | 3.7407 | 170 | 6.6929 | 6.6939 |
| NU220E | 100 | 3.9381 | 3.9375 | 180 | 7.0866 | 7.0876 |

See other side for Ball Bearings

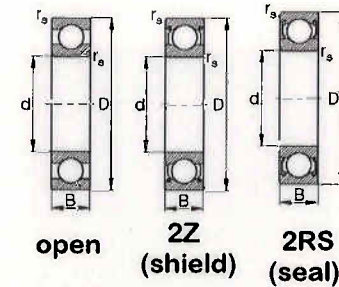
| BEARING | BRG ID | SHAFT DIAMETER | | BRG OD | HOUSING DIAMETER | |
|---------|--------|----------------|----------|--------|------------------|----------|
| type | mm | MAX-inch | MIN-inch | mm | MIN-inch | MAX-inch |
| NU303E | 17 | 0.6697 | 0.6693 | 47 | 1.8504 | 1.8510 |
| NU304E | 20 | 0.7879 | 0.7875 | 52 | 2.0472 | 2.0479 |
| NU305E | 25 | 0.9848 | 0.9844 | 62 | 2.4409 | 2.4416 |
| NU306E | 30 | 1.1816 | 1.1812 | 72 | 2.8346 | 2.8353 |
| NU307E | 35 | 1.3785 | 1.3781 | 80 | 3.1496 | 3.1503 |
| NU308E | 40 | 1.5753 | 1.5749 | 90 | 3.5433 | 3.5442 |
| NU309E | 45 | 1.7722 | 1.7718 | 100 | 3.9370 | 3.9379 |
| NU310E | 50 | 1.9690 | 1.9686 | 110 | 4.3307 | 4.3316 |
| NU311E | 55 | 2.1660 | 2.1655 | 120 | 4.7244 | 4.7253 |
| NU312E | 60 | 2.3628 | 2.3623 | 130 | 5.1181 | 5.1191 |
| NU313E | 65 | 2.5601 | 2.5596 | 140 | 5.5118 | 5.5128 |
| NU314E | 70 | 2.7569 | 2.7564 | 150 | 5.9055 | 5.9065 |
| NU315E | 75 | 2.9538 | 2.9533 | 160 | 6.2992 | 6.3002 |
| NU316E | 80 | 3.1506 | 3.1501 | 170 | 6.6929 | 6.6939 |
| NU317E | 85 | 3.3476 | 3.3470 | 180 | 7.0866 | 7.0876 |
| NU318E | 90 | 3.5444 | 3.5438 | 190 | 7.4803 | 7.4815 |
| NU319E | 95 | 3.7413 | 3.7407 | 200 | 7.8740 | 7.8752 |
| NU320E | 100 | 3.9381 | 3.9375 | 215 | 8.4646 | 8.4658 |
| NU321E | 105 | 4.1350 | 4.1344 | 225 | 8.8582 | 8.8595 |
| NU322E | 110 | 4.3318 | 4.3312 | 240 | 9.4488 | 9.4500 |

201 Brighton Avenue
Boston, MA 02134-2081

Tel: (800) 225-4587
Fax: (800) 252-1996
E-mail: info@actionbearing.com
www.actionbearing.com



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**Shaft & Housing Fits
For
Electric Motor Bearings**

**Deep Groove
Ball Bearings
Series
6200—6300**

| BEARING | BRG ID | SHAFT DIAMETER | | BRG OD | HOUSING DIAMETER | |
|---------|--------|----------------|----------|--------|------------------|----------|
| type | mm | MAX-inch | MIN-inch | mm | MIN-inch | MAX-inch |
| 6200 | 10 | 0.3939 | 0.3936 | 30 | 1.1811 | 1.1816 |
| 6201 | 12 | 0.4726 | 0.4723 | 32 | 1.2598 | 1.2604 |
| 6202 | 15 | 0.5908 | 0.5905 | 35 | 1.3780 | 1.3786 |
| 6203 | 17 | 0.6695 | 0.6692 | 40 | 1.5748 | 1.5754 |
| 6204 | 20 | 0.7876 | 0.7872 | 47 | 1.8504 | 1.8510 |
| 6205 | 25 | 0.9845 | 0.9841 | 52 | 2.0472 | 2.0479 |
| 6206 | 30 | 1.1813 | 1.1809 | 62 | 2.4409 | 2.4416 |
| 6207 | 35 | 1.3782 | 1.3778 | 72 | 2.8346 | 2.8353 |
| 6208 | 40 | 1.5750 | 1.5746 | 80 | 3.1496 | 3.1503 |
| 6209 | 45 | 1.7722 | 1.7718 | 85 | 3.3464 | 3.3474 |
| 6210 | 50 | 1.9690 | 1.9686 | 90 | 3.5433 | 3.5442 |
| 6211 | 55 | 2.1660 | 2.1655 | 100 | 3.9370 | 3.9379 |
| 6212 | 60 | 2.3628 | 2.3623 | 110 | 4.3307 | 4.3316 |
| 6213 | 65 | 2.5597 | 2.5592 | 120 | 4.7244 | 4.7253 |
| 6214 | 70 | 2.7565 | 2.7560 | 125 | 4.9212 | 4.9223 |
| 6215 | 75 | 2.9534 | 2.9529 | 130 | 5.1181 | 5.1191 |
| 6216 | 80 | 3.1502 | 3.1497 | 140 | 5.5118 | 5.5128 |
| 6217 | 85 | 3.3472 | 3.3466 | 150 | 5.9055 | 5.9065 |
| 6218 | 90 | 3.5440 | 3.5434 | 160 | 6.2992 | 6.3002 |
| 6219 | 95 | 3.7409 | 3.7403 | 170 | 6.6929 | 6.6939 |
| 6220 | 100 | 3.9377 | 3.9371 | 180 | 7.0866 | 7.0876 |
| 6221 | 105 | 4.1350 | 4.1344 | 190 | 7.4803 | 7.4815 |

See other side for cylindrical bearings

| BEARING | BRG ID | SHAFT DIAMETER | | BRG OD | HOUSING DIAMETER | |
|---------|--------|----------------|----------|--------|------------------|----------|
| type | mm | MAX-inch | MIN-inch | mm | MIN-inch | MAX-inch |
| 6300 | 10 | 0.3939 | 0.3936 | 35 | 1.3780 | 1.3786 |
| 6301 | 12 | 0.4726 | 0.4723 | 37 | 1.4567 | 1.4573 |
| 6302 | 15 | 0.5908 | 0.5905 | 42 | 1.6535 | 1.6541 |
| 6303 | 17 | 0.6695 | 0.6692 | 47 | 1.8504 | 1.8510 |
| 6304 | 20 | 0.7876 | 0.7872 | 52 | 2.0472 | 2.0479 |
| 6305 | 25 | 0.9845 | 0.9841 | 62 | 2.4409 | 2.4416 |
| 6306 | 30 | 1.1813 | 1.1809 | 72 | 2.8346 | 2.8353 |
| 6307 | 35 | 1.3782 | 1.3778 | 80 | 3.1496 | 3.1503 |
| 6308 | 40 | 1.5750 | 1.5746 | 90 | 3.5433 | 3.5442 |
| 6309 | 45 | 1.7722 | 1.7718 | 100 | 3.9370 | 3.9379 |
| 6310 | 50 | 1.9690 | 1.9686 | 110 | 4.3307 | 4.3316 |
| 6311 | 55 | 2.1660 | 2.1655 | 120 | 4.7244 | 4.7253 |
| 6312 | 60 | 2.3628 | 2.3623 | 130 | 5.1181 | 5.1191 |
| 6313 | 65 | 2.5597 | 2.5592 | 140 | 5.5118 | 5.5128 |
| 6314 | 70 | 2.7565 | 2.7560 | 150 | 5.9055 | 5.9065 |
| 6315 | 75 | 2.9534 | 2.9529 | 160 | 6.2992 | 6.3002 |
| 6316 | 80 | 3.1502 | 3.1497 | 170 | 6.6929 | 6.6939 |
| 6317 | 85 | 3.3472 | 3.3466 | 180 | 7.0866 | 7.0876 |
| 6318 | 90 | 3.5440 | 3.5434 | 190 | 7.4803 | 7.4815 |
| 6319 | 95 | 3.7409 | 3.7403 | 200 | 7.8740 | 7.8752 |
| 6320 | 100 | 3.9377 | 3.9371 | 215 | 8.4646 | 8.4658 |
| 6321 | 105 | 4.1350 | 4.1344 | 225 | 8.8582 | 8.8595 |
| 6322 | 110 | 4.3318 | 4.3312 | 240 | 9.4488 | 9.4500 |
| 6324 | 120 | 4.7255 | 4.7249 | 260 | 10.2362 | 10.2374 |
| 6326 | 130 | 5.1194 | 5.1187 | 280 | 11.0236 | 11.0248 |
| 6328 | 140 | 5.5131 | 5.5124 | 300 | 11.8110 | 11.8122 |
| 6330 | 150 | 5.9068 | 5.9061 | 320 | 12.5984 | 12.5998 |
| 6332 | 160 | 6.3005 | 6.2998 | 340 | 13.3858 | 13.3872 |
| 6334 | 170 | 6.6942 | 6.6935 | 360 | 14.1732 | 14.1746 |
| 6336 | 180 | 7.0879 | 7.0872 | 380 | 14.9606 | 14.9620 |
| 6338 | 190 | 7.4817 | 7.4809 | 400 | 15.7480 | 15.7494 |
| 6340 | 200 | 7.8754 | 7.8746 | 420 | 16.5354 | 16.5370 |

201 Brighton Avenue
Boston, MA 02134-2081

Tel: (800) 225-4587

Fax: (800) 252-1996

E-mail: info@actionbearing.com

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