

Non-Metallic Sleeve Bearings

METRIC SIZE SERIES

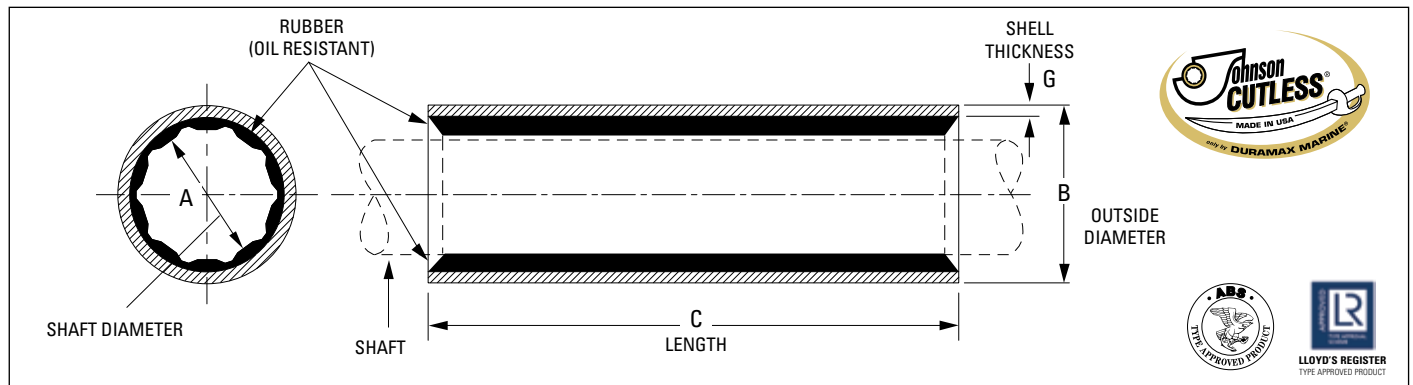


Johnson Cutless® Non-Metallic Sleeve Bearings feature a dense structure of engineered reinforced thermoset plastic. The specially compounded Nitrile Rubber is securely bonded to the shell with all tolerances maintained for proper lubrication. Being non-corrosive and inherently resistant to all known chemicals, oil and grease, as well as being anti-electrolytic, the Johnson Cutless® Non-Metallic Sleeve Bearings are ideally suited for installations wherever corrosion or electrolysis is a problem.

PRECAUTION:

When shrink fitting of the bearing is required, chilling must be achieved by gradual cooling to not more than minus 20°F (-28°C) using freezer or regular ice (**DO NOT DRY ICE**). NOTE: Pounding or shocking the bearing while in the chilled state could cause the rubber to separate from the shell.

Approved Bearings: Johnson Cutless Non-Metallic Sleeve Bearings have full type approval from The American Bureau of Shipping.



| Part Number | A Shaft Diameter mm | B Outside Diameter mm | C Length mm | G Shell Thickness mm | Gross Wt. | |
|-------------|---------------------------|-----------------------------|-------------------|----------------------------|-----------|-----|
| | | | | | lb. | kg. |
| 870255700 | 25 | 40 | 100 | 2.54 | 0.3 | 0.1 |
| 870285700 | 28 | 42 | 112 | 2.35 | 0.4 | 0.2 |
| 870305700 | 30 | 45 | 120 | 3.07 | 0.4 | 0.2 |
| 870325700 | 32 | 45 | 128 | 3.07 | 0.5 | 0.2 |
| 870355700 | 35 | 50 | 140 | 3.07 | 0.5 | 0.2 |
| 870385700 | 38 | 55 | 152 | 3.07 | 0.6 | 0.3 |
| 870405700 | 40 | 55 | 160 | 3.07 | 0.6 | 0.3 |
| 870455700 | 45 | 65 | 180 | 3.30 | 0.9 | 0.4 |
| 870505700 | 50 | 70 | 200 | 3.25 | 1.1 | 0.5 |
| 870555700 | 55 | 75 | 220 | 2.58 | 1.3 | 0.6 |
| 870605700 | 60 | 80 | 240 | 3.25 | 1.6 | 0.7 |
| 870655700 | 65 | 85 | 260 | 2.81 | 1.8 | 0.8 |
| 870705700 | 70 | 90 | 280 | 4.75 | 2.0 | 0.9 |
| 870755700 | 75 | 95 | 300 | 3.05 | 2.5 | 1.1 |
| 870805700 | 80 | 100 | 320 | 3.16 | 2.6 | 1.2 |
| 870855700 | 85 | 105 | 340 | 3.17 | 3.0 | 1.4 |
| 870905700 | 90 | 110 | 360 | 4.76 | 3.4 | 1.5 |
| 870955700 | 95 | 115 | 380 | 4.50 | 4.0 | 1.8 |
| 871005700 | 100 | 125 | 400 | 3.76 | 4.6 | 2.1 |
| 871055700 | 105 | 130 | 420 | 4.51 | 5.2 | 2.4 |
| 871105700 | 110 | 135 | 440 | 4.51 | 6.0 | 2.7 |
| 871155700 | 115 | 145 | 460 | 4.24 | 7.6 | 3.4 |
| 871205700 | 120 | 155 | 480 | 6.06 | 8.6 | 3.9 |
| 871305700 | 130 | 170 | 520 | 5.63 | 13.0 | 5.9 |

Non-Metallic Sleeve Bearings

INCH SIZE SERIES

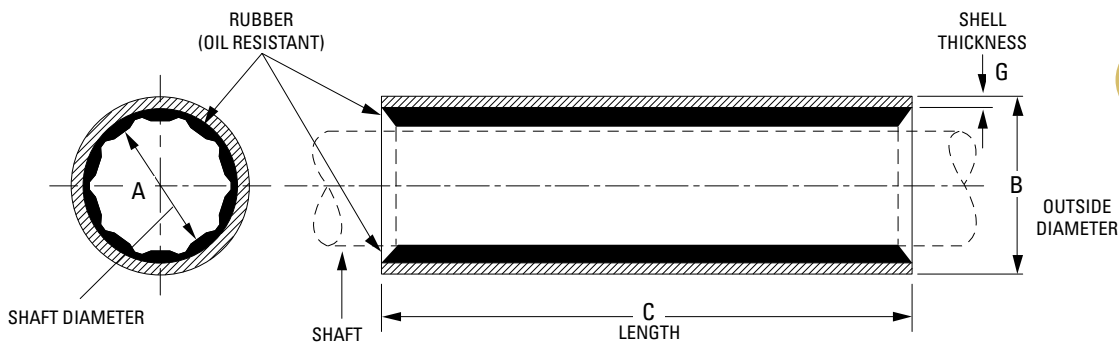


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Approved Bearings: Johnson Cutless Non-Metallic Sleeve Bearings have full type approval from The American Bureau of Shipping.



| Part Number | Code | A | | B | | C | | G | | Gross Wt. | |
|-------------|--------|--------------------------|-------|----------------------------|-------|------------------|--------|---------------------------|------|-----------|-----|
| | | Shaft Diameter inches | mm | Outside Diameter inches | mm | Length inches | mm | Shell Thickness inches | mm | lb. | kg. |
| 870193700 | ALDA | 3/4 | 19.05 | 1 1/4 | 31.75 | 3 | 76.20 | 1/8 | 3.18 | 0.2 | 0.1 |
| 870223700 | ALICE | 7/8 | 22.23 | 1 1/4 | 31.75 | 3 1/2 | 88.90 | 3/64 | 1.19 | 0.2 | 0.1 |
| 870223701 | ANNE | 7/8 | 22.23 | 1 3/8 | 34.93 | 3 1/2 | 88.90 | 1/8 | 3.18 | 0.2 | 0.1 |
| 870223702 | ARDELE | 7/8 | 22.23 | 1 1/2 | 38.10 | 3 1/2 | 88.90 | 1/8 | 3.18 | 0.3 | 0.1 |
| 870253700 | BABE | 1 | 25.40 | 1 1/4 | 31.75 | 4 | 101.60 | 1/16 | 1.59 | 0.2 | 0.1 |
| 870253701 | BECKY | 1 | 25.40 | 1 3/8 | 34.93 | 4 | 101.60 | 3/64 | 1.19 | 0.2 | 0.1 |
| 870253702 | BETTY | 1 | 25.40 | 1 1/2 | 38.10 | 4 | 101.60 | 1/8 | 3.18 | 0.3 | 0.1 |
| 870253703 | CANDY | 1 | 25.40 | 1 5/8 | 41.28 | 4 | 101.60 | 1/8 | 3.18 | 0.3 | 0.1 |
| 870253704 | CARLA | 1 | 25.40 | 2 | 50.80 | 4 | 101.60 | 1/8 | 3.18 | 0.5 | 0.2 |
| 870293700 | CEIL | 1 1/8 | 28.58 | 1 1/2 | 38.10 | 4 1/2 | 114.30 | 3/64 | 1.19 | 0.3 | 0.1 |
| 870293701 | CINDY | 1 1/8 | 28.58 | 1 5/8 | 41.28 | 4 1/2 | 114.30 | 1/8 | 3.18 | 0.3 | 0.1 |
| 870293702 | CONNIE | 1 1/8 | 28.58 | 1 3/4 | 44.45 | 4 1/2 | 114.30 | 1/8 | 3.18 | 0.4 | 0.2 |
| 870293703 | CORA | 1 1/8 | 28.58 | 2 | 50.80 | 4 1/2 | 114.30 | 1/8 | 3.18 | 0.5 | 0.2 |
| 870323700 | DEENA | 1 1/4 | 31.75 | 1 1/2 | 38.10 | 5 | 127.00 | 3/64 | 1.19 | 0.2 | 0.1 |
| 870323701 | DELLA | 1 1/4 | 31.75 | 1 3/4 | 44.45 | 5 | 127.00 | 1/8 | 3.18 | 0.4 | 0.2 |
| 870323702 | DORIS | 1 1/4 | 31.75 | 2 | 50.80 | 5 | 127.00 | 1/8 | 3.18 | 0.6 | 0.3 |
| 870323703 | DOTTY | 1 1/4 | 31.75 | 2 1/8 | 53.98 | 5 | 127.00 | 1/8 | 3.18 | 0.6 | 0.3 |
| 870353700 | EDNA | 1 3/8 | 34.93 | 1 7/8 | 47.63 | 5 1/2 | 139.70 | 1/8 | 3.18 | 0.4 | 0.2 |
| 870353701 | ELLEN | 1 3/8 | 34.93 | 2 | 50.80 | 5 1/2 | 139.70 | 1/8 | 3.18 | 0.5 | 0.2 |
| 870353702 | ELSA | 1 3/8 | 34.93 | 2 1/8 | 53.98 | 5 1/2 | 139.70 | 1/8 | 3.18 | 0.6 | 0.3 |
| 870353703 | ERMA | 1 3/8 | 34.93 | 2 3/8 | 60.33 | 5 1/2 | 139.70 | 1/8 | 3.18 | 0.9 | 0.4 |
| 870383700 | EVA | 1 1/2 | 38.10 | 2 | 50.80 | 6 | 152.40 | 1/8 | 3.18 | 0.5 | 0.2 |
| 870383701 | FANNY | 1 1/2 | 38.10 | 2 3/8 | 60.33 | 6 | 152.40 | 1/8 | 3.18 | 0.9 | 0.4 |
| 870413700 | FLO | 1 5/8 | 41.28 | 2 1/8 | 53.98 | 6 1/2 | 165.10 | 1/8 | 3.18 | 0.6 | 0.3 |
| 870413701 | FRAN | 1 5/8 | 41.28 | 2 5/8 | 66.68 | 6 1/2 | 165.10 | 1/8 | 3.18 | 1.1 | 0.5 |

All Bearings Shown Are Carried in Stock

| Part Number | Code | A Shaft Diameter | | B Outside Diameter | | C Length | | G Shell Thickness | | Gross Wt. | |
|-------------|---------|---------------------|--------|-----------------------|--------|-------------|--------|----------------------|------|-----------|-----|
| | | inches | mm | inches | mm | inches | mm | inches | mm | lb. | kg. |
| 870453700 | GLEND | 1 3/4 | 44.45 | 2 3/8 | 60.33 | 7 | 177.80 | 1/8 | 3.18 | 0.7 | 0.3 |
| 870453702 | GLENNIS | 1 3/4 | 44.45 | 2 1/2 | 63.50 | 7 | 177.80 | 3/32 | 2.38 | 0.8 | 0.4 |
| 870453701 | GLORIA | 1 3/4 | 44.45 | 2 5/8 | 66.68 | 7 | 177.80 | 1/8 | 3.18 | 0.9 | 0.4 |
| 870483700 | GWEN | 1 7/8 | 47.63 | 2 5/8 | 66.68 | 7 1/2 | 190.50 | 1/8 | 3.18 | 0.8 | 0.4 |
| 870483701 | HANNA | 1 7/8 | 47.63 | 2 15/16 | 74.61 | 7 1/2 | 190.50 | 1/8 | 3.18 | 1.5 | 0.7 |
| 870513700 | HAZEL | 2 | 50.80 | 2 5/8 | 66.68 | 8 | 203.20 | 1/8 | 3.18 | 0.8 | 0.4 |
| 870513701 | HELEN | 2 | 50.80 | 3 | 76.20 | 8 | 203.20 | 1/8 | 3.18 | 1.5 | 0.7 |
| 870543700 | HILDA | 2 1/8 | 53.98 | 2 15/16 | 74.61 | 8 1/2 | 215.90 | 1/8 | 3.18 | 1.3 | 0.6 |
| 870543701 | ILA | 2 1/8 | 53.98 | 3 1/8 | 79.38 | 8 1/2 | 215.90 | 1/8 | 3.18 | 1.6 | 0.7 |
| 870573700 | INEZ | 2 1/4 | 57.15 | 2 15/16 | 74.61 | 9 | 228.60 | 1/8 | 3.18 | 1.2 | 0.5 |
| 870573701 | INGRID | 2 1/4 | 57.15 | 3 1/8 | 79.38 | 9 | 228.60 | 1/8 | 3.18 | 1.4 | 0.6 |
| 870573702 | IRENE | 2 1/4 | 57.15 | 3 3/8 | 85.73 | 9 | 228.60 | 1/8 | 3.18 | 1.6 | 0.7 |
| 870573735 | IRIS | 2 1/4 | 57.15 | 3 | 76.20 | 9 | 228.60 | 1/8 | 3.18 | 3.9 | 1.8 |
| 870603700 | JENNY | 2 3/8 | 60.33 | 3 3/8 | 85.73 | 9 1/2 | 241.30 | 1/8 | 3.18 | 1.7 | 0.8 |
| 870643700 | JOAN | 2 1/2 | 63.50 | 3 1/8 | 79.38 | 10 | 254.00 | 1/8 | 3.18 | 1.4 | 0.6 |
| 870643701 | JOSIE | 2 1/2 | 63.50 | 3 3/8 | 85.73 | 10 | 254.00 | 1/8 | 3.18 | 2.0 | 0.9 |
| 870673700 | JOYCE | 2 5/8 | 66.68 | 3 3/8 | 85.73 | 10 1/2 | 266.70 | 1/8 | 3.18 | 1.8 | 0.8 |
| 870703700 | JUNE | 2 3/4 | 69.85 | 3 3/8 | 85.73 | 11 | 279.40 | 1/8 | 3.18 | 1.6 | 0.7 |
| 870703701 | KATHY | 2 3/4 | 69.85 | 3 3/4 | 95.25 | 11 | 279.40 | 1/8 | 3.18 | 2.6 | 1.2 |
| 870733700 | KELLY | 2 7/8 | 73.03 | 3 3/4 | 95.25 | 11 1/2 | 292.10 | 1/8 | 3.18 | 2.5 | 1.1 |
| 870763700 | KIM | 3 | 76.20 | 3 3/4 | 95.25 | 12 | 304.80 | 1/8 | 3.18 | 2.4 | 1.1 |
| 870763701 | LAURA | 3 | 76.20 | 4 | 101.60 | 12 | 304.80 | 1/8 | 3.18 | 3.1 | 1.4 |
| 870803700 | LENA | 3 1/8 | 79.38 | 4 1/4 | 107.95 | 12 1/2 | 317.50 | 1/8 | 3.18 | 3.8 | 1.7 |
| 870833700 | LINDA | 3 1/4 | 82.55 | 4 | 101.60 | 13 | 330.20 | 1/8 | 3.18 | 2.7 | 1.2 |
| 870833701 | LISA | 3 1/4 | 82.55 | 4 1/4 | 107.95 | 13 | 330.20 | 1/8 | 3.18 | 3.5 | 1.6 |
| 870863700 | LOIS | 3 3/8 | 85.73 | 4 1/2 | 114.30 | 13 1/2 | 342.90 | 1/8 | 3.18 | 4.3 | 2.0 |
| 870893700 | MANDY | 3 1/2 | 88.90 | 4 1/4 | 107.95 | 14 | 355.60 | 1/8 | 3.18 | 3.1 | 1.4 |
| 870893701 | MARIE | 3 1/2 | 88.90 | 4 1/2 | 114.30 | 14 | 355.60 | 1/8 | 3.18 | 4.1 | 1.9 |
| 870923700 | MARTHA | 3 5/8 | 92.08 | 4 1/2 | 114.30 | 14 1/2 | 368.30 | 1/8 | 3.18 | 3.7 | 1.7 |
| 870953700 | MARY | 3 3/4 | 95.25 | 4 1/2 | 114.30 | 15 | 381.00 | 1/8 | 3.18 | 3.5 | 1.6 |
| 870953701 | NANCY | 3 3/4 | 95.25 | 5 | 127.00 | 15 | 381.00 | 3/16 | 4.76 | 5.9 | 2.7 |
| 870953702 | NEVA | 3 3/4 | 95.25 | 5 1/4 | 133.35 | 15 | 381.00 | 3/16 | 4.76 | 7.4 | 3.4 |
| 870993700 | NORA | 3 7/8 | 98.43 | 5 1/4 | 133.35 | 15 1/2 | 393.70 | 3/16 | 4.76 | 6.4 | 2.9 |
| 871023700 | OLGA | 4 | 101.60 | 5 | 127.00 | 16 | 406.40 | 3/16 | 4.76 | 5.3 | 2.4 |
| 871023701 | OLIVE | 4 | 101.60 | 5 1/4 | 133.35 | 16 | 406.40 | 3/16 | 4.76 | 6.4 | 2.9 |
| 871053700 | OPAL | 4 1/8 | 104.78 | 5 1/4 | 133.35 | 16 1/2 | 419.10 | 3/16 | 4.76 | 6.3 | 2.9 |
| 871083700 | PAM | 4 1/4 | 107.95 | 5 1/2 | 139.70 | 17 | 431.80 | 3/16 | 4.76 | 8.3 | 3.8 |
| 871113700 | PANSY | 4 3/8 | 111.13 | 5 3/4 | 146.05 | 17 1/2 | 444.50 | 3/16 | 4.76 | 8.8 | 4.0 |
| 871153700 | PAULA | 4 1/2 | 114.30 | 5 1/2 | 139.70 | 18 | 457.20 | 3/16 | 4.76 | 7.3 | 3.3 |
| 871153701 | PENNY | 4 1/2 | 114.30 | 5 3/4 | 146.05 | 18 | 457.20 | 3/16 | 4.76 | 8.8 | 4.0 |
| 871183700 | RHODA | 4 5/8 | 117.48 | 6 1/8 | 155.58 | 18 1/2 | 469.90 | 1/4 | 6.35 | 11.3 | 5.1 |
| 871213700 | RINA | 4 3/4 | 120.65 | 6 1/8 | 155.58 | 19 | 482.60 | 1/4 | 6.35 | 11.0 | 5.0 |
| 871243700 | ROSE | 4 7/8 | 123.83 | 6 1/8 | 155.58 | 19 1/2 | 495.30 | 1/4 | 6.35 | 10.3 | 4.7 |
| 871273700 | RUTH | 5 | 127.00 | 6 1/8 | 155.58 | 20 | 508.00 | 1/4 | 6.35 | 9.5 | 4.3 |
| 871273701 | SALLY | 5 | 127.00 | 6 1/2 | 165.10 | 20 | 508.00 | 1/4 | 6.35 | 13.0 | 5.9 |
| 871343700 | SANDRA | 5 1/4 | 133.35 | 6 3/4 | 171.45 | 21 | 533.40 | 1/4 | 6.35 | 14.0 | 6.4 |
| 871343701 | SARAN | 5 1/4 | 133.35 | 7 | 177.80 | 21 | 533.40 | 1/4 | 6.35 | 16.0 | 7.3 |
| 871373700 | SUSAN | 5 3/8 | 136.53 | 6 3/4 | 171.45 | 21 1/2 | 546.10 | 1/4 | 6.35 | 12.8 | 5.8 |
| 871373701 | TONI | 5 3/8 | 136.53 | 7 | 177.80 | 21 1/2 | 546.10 | 1/4 | 6.35 | 15.8 | 7.2 |
| 871403700 | TRICIA | 5 1/2 | 139.70 | 7 | 177.80 | 22 | 558.80 | 1/4 | 6.35 | 14.8 | 6.7 |
| 871433700 | VERA | 5 5/8 | 142.88 | 7 | 177.80 | 22 1/2 | 571.50 | 1/4 | 6.35 | 14.0 | 6.4 |
| 871463700 | WANDA | 5 3/4 | 146.05 | 7 | 177.80 | 23 | 584.20 | 1/4 | 6.35 | 14.8 | 6.7 |
| 871503700 | WINNIE | 5 7/8 | 149.23 | 7 1/2 | 190.50 | 24 | 609.60 | 1/4 | 6.35 | 18.0 | 8.2 |
| 871533700 | ZELDA | 6 | 152.40 | 7 1/2 | 190.50 | 24 | 609.60 | 1/4 | 6.35 | 18.8 | 8.5 |

NON-METALLIC SLEEVE - INCH

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