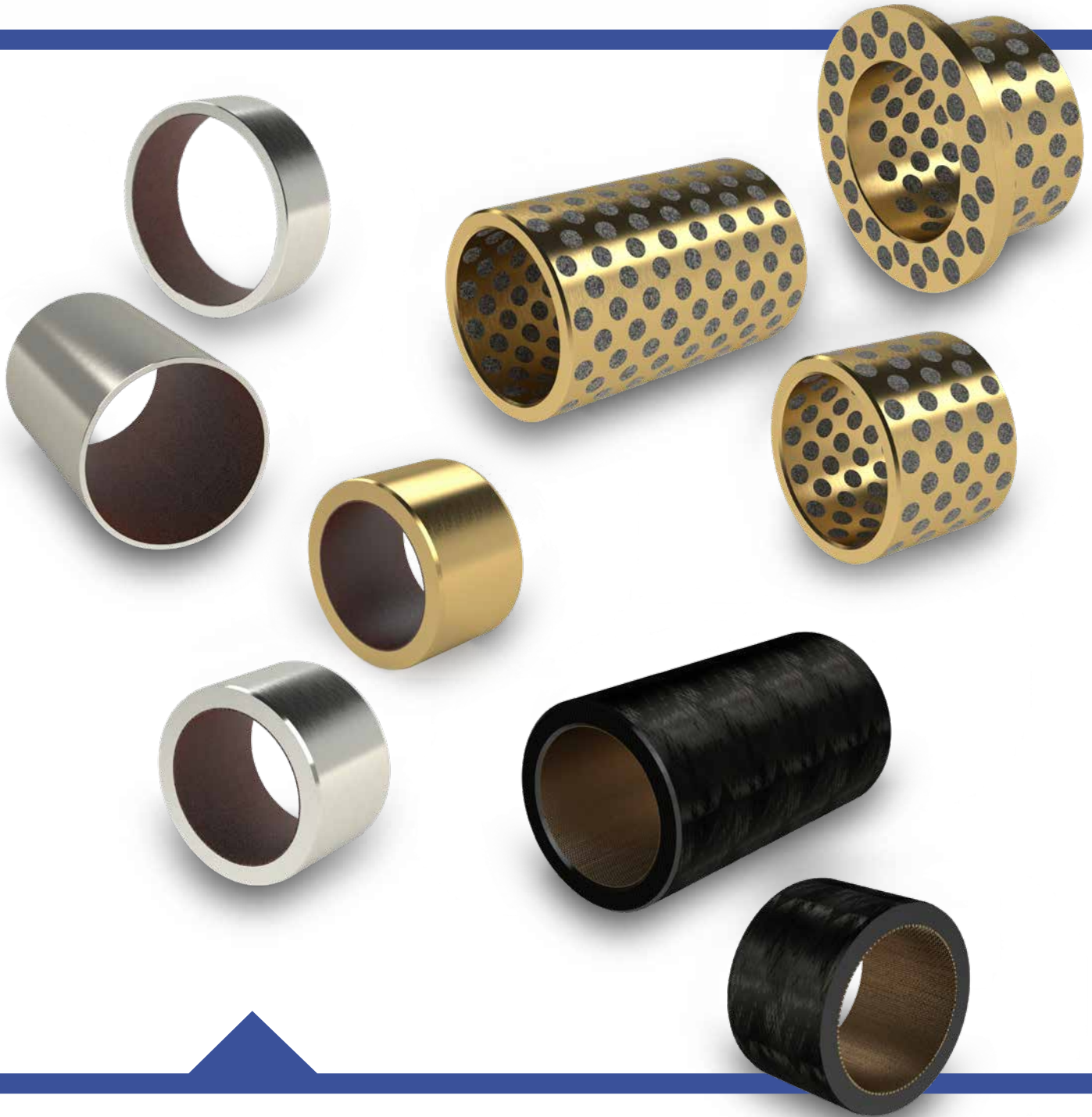


Maintenance-Free Solid Journal Bushings



Smoother. Faster. Longer.
Because That's How We Roll.



RBC Bearings® provides global industrial, aerospace, and defense customers with unique design solutions to complex problems and an unparalleled level of service, quality, and support.

RBC manufactures highly engineered precision plain, roller and ball bearings, shaft collars, rigid couplings and keyless locking devices. While RBC designs and manufactures products in these major product categories, RBC excels at solving the most demanding and difficult applications with solutions that improve customers' products and process performance and deliver the lowest total cost of ownership. This has been achieved by providing products such as maintenance free bearings, components, and bearings designed

to withstand environments with extreme temperature, high speed, contamination, corrosion, and severe shock loading.

RBC Bearings® has been providing engineered solutions to customers since 1919. RBC has significantly broadened our end markets, products, customer base and geographic reach through organic growth and through acquisitions. These acquisitions fit well with our philosophy of providing high quality products and solutions to our customer base. They have enhanced our customer solutions and experience, further diversifying our offering to our target markets.

RBC currently has 31 facilities in five countries, with manufacturing in 28 locations.





RBC Bearings®—A Tradition of Excellence

RBC Bearings® has had a long tradition of innovation, commitment, and quality since the company was founded in 1919. Today, RBC Bearings® has grown into a world-class manufacturer of standard and custom-engineered bearings and related products, with a product focus on research, testing, and development of the best product for specific applications.

How We Can Serve You

RBC Bearings® has implemented a total quantity control system that uses statistical quality control at all facilities, and manufactures in high volume to a just-in-time delivery program.

To serve the ongoing needs of customers, RBC Bearings® has a network of over 2,400 distributors and sales engineers throughout North and South America and Europe, with authorized agents worldwide.

Customer Service – 800.390.3300

Warranty

RBC Bearings® products are warranted for material and workmanship for period not to exceed 90 days from shipment and for a value not to exceed purchase price.

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What We Manufacture

RBC Bearings®, with facilities throughout North America and Europe, provides bearings and precision products for applications in the construction, mining, material handling, transportation and off-highway equipment, robotics and automation, farming, machine tool, and semiconductor equipment industries. Through RBC Aerospace Bearings®, the company is a major manufacturer of highly-engineered bearings and precision products for military, defense, and commercial aerospace applications.

RBC’s High-Quality Bearings Include:

- **Heavy Duty Needle Roller Bearings** – Pitchlign® caged heavy needle roller bearings, inner rings, type TJ TandemRoller® bearings for long life.
- **Spherical Plain Bearings** – Radial, angular contact, high misalignment, extended inner ring, DuraLube™, maintenance-free spherical plain bearings, QuadLube® long life bearings, ImpactTuff® case carburized bearings, ShimPack® double acting angular-contact bearings, CrossLube® lubrication groove systems, and SpreadLock® Seal.
- **Cam Followers and Yoke Rollers** - Standard stud, heavy stud, yoke type, caged roller followers, RBC Roller® long life came followers, Hexlube® universal cam followers, airframe track rollers. Mastguide rollers and carriage rollers, chain sheaves (for leaf chain), toothless sprockets (for roller chain), and heavy-duty roller bearing construction.
- **Rod End** – Commercial and aerospace, precision, Mil-Spec series, self-lubricating, inch and metric. Heim®, Unibal®, and Spherco® brands.
- **Self-Lubrication Bearings** – Radial, thrust, rod ends, spherical plain bearings, high temperature, high loads, inch and metric. Fiberglide®.
- **Thin Section Ball Bearings** – Standard cross sections to one inch. Sizes to 40 inches. Stainless steel and other materials available. Seal available on all sizes and standard cross sections.
- **Airframe Control Bearings** – Ball bearing types, self-lubricating types, needle roller track rollers.
- **Ground, Semiground, and Unground Ball Bearings** – Full complement, utilizes design and burnished races for higher loads, long life, and smooth operation
- **Dowel Pins, Loose Needle Rollers, Shafts**
- **Large Bearings** – A full range of high quality, large diameter, Cylindrical Roller and Tapered Roller bearings in standard and custom designs for applications that require increased load capacity. Common uses in oil, mining, paper, steel, gear box, and swivel applications.
- **Tapered Roller Thrust Bearings** – Case-hardened. Sealed and unsealed for truck, tractor, and construction equipment, steer axles, and Class 8 trailer landing gear.
- **Custom Designed Bearings** – RBC produces a wide range of custom bearings in various materials for specific applications.

Smoother. Faster. Longer.

Because That's How We Roll.

Product Overview

- ✓ Ball Bearings
- ✓ Cam Followers
- ✓ Cylindrical Roller Bearings
- ✓ Dowel Pins
- ✓ Heavy Duty Needle Roller Bearings
- ✓ Integrated Assemblies
- ✓ Keyless Locking Assemblies
- ✓ Keyless Rigid Couplings
- ✓ Loose Needle Rollers and Shafts
- ✓ Maintenance-Free Bearings
- ✓ Rigid Couplings
- ✓ Rod Ends
- ✓ Self-Lubricating/Lined Bearings
- ✓ Shaft Collars
- ✓ Shrink Discs
- ✓ Spherical Plain Bearings
- ✓ Tapered Roller Bearings
- ✓ Tapered Roller Thrust Bearings
- ✓ Thin Section Ball Bearings

Industrial Markets Served

- ✓ Automation
- ✓ Construction
- ✓ Food & Beverage
- ✓ Material Handling
- ✓ Mining
- ✓ Oil & Gas
- ✓ Packaging Machinery
- ✓ Refuse & Recycling
- ✓ Renewable Energy
- ✓ Military & Defense
- ✓ Power Generation
- ✓ Robotics
- ✓ Semiconductor
- ✓ Transportation
- ✓ Hydropower & Dams

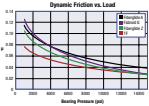
Custom Engineered Solutions

- ✓ Maintenance-Free Bearings
- ✓ Bearings & Components
for Harsh Environments
 - Extreme Temperatures
 - High Speed
 - Contamination
 - Corrosion
 - Shock Loading
- ✓ Advanced Sub-Assemblies



Lubron® Selection Guide

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**Lubron® Solid Journal Bushings
Engineering
Comparative Testing Results**

**7
8-9**



Lubron® Solid Journal Bushing Overview

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Reasons to Replace Greased Bronze Bushings

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Part Number	
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97	98
99	100

Part Number Nomenclature- Imperial and Metric

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**Stainless Steel Solid Journal Bushings - Imperial
SJB 1/4" Wall - 1.00" - 5.00" ID**

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**Composite Solid Journal Bushings - Imperial
SJB 1/8" Wall - .50" - 6.00" ID
SJB 1/4" Wall - .50" - 6.00" ID**

**14-15
16-17**



**Bronze Solid Journal Bushings - Metric
SJM 25 mm - 35 mm ID
SJM 35 mm - 50 mm ID
SJM 50 mm - 80 mm ID
SJM 80 mm- 200 mm ID**

**18-19
20-21
22-23
24-25**



**Bronze Solid Journal Bushings - Imperial
SJBF 1.00" - 5.00" ID**

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**Bronze Solid Journal Flange Bushings - Metric
SJMF 25 mm - 160 mm ID**

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Interchange Tables

30-37

Lubron® Selection Guide

Lubricant	Type of Lubricant	Maximum Load				Coefficient of Friction μ	Maximum Temperature		Operation in Water	Debris Resistance
		Static	Dynamic	Static	Dynamic		°C	°F		
		MPa		ksi						
Fiberglide®	PTFE Fabric	275	140	40	20	0.04	150	302	Good	Sensitive
Fabroid®	PTFE Fabric	413	262	60	38	0.03	150	302	Good	Sensitive
TF	PTFE Fabric	413	262	60	38	0.01	177	350	Good	Sensitive
SL30	Graphite	82	55	12	8	0.15	125	257	N/A	Excellent
SL40	Graphite	82	55	12	8	0.10	425	797	N/A	Excellent
AE40	Graphite	82	55	12	8	0.10	450	842	N/A	Excellent
AQ30	PTFE Solid	82	55	12	8	0.15	121	250	Good	Good
AQ100	PTFE Solid	82	55	12	8	0.10	149	300	Good	Good

Choosing The Best Metal Alloy For Your Application

Selecting the best metal alloy for your application will extend the life of your bearing. Below is a list of commonly used alloys and their characteristics.

Alloy	Corrosion Resistance	Max. Temperature***		Thermal Expansion Rate-Hoop		Density $\mu\text{in/in-}^\circ\text{F}$	Specific Gravity
		°C	°F	$\mu\text{m/m-}^\circ\text{C}$	$\mu\text{in/in-}^\circ\text{F}$		
304 SS*	Great	420	790	17.8	9.89	0.289	8.00
316 SS*	Great	760	1400	16.2	9.00	0.289	8.00
17-4 SS*	Great	339	750	10.8	6.00	0.282	7.81
15-5 SS*	Great	316	600	10.4	5.78	0.282	7.81
Nitronic 60® ①*	Great	870	1600	16.2	9.00	0.285	7.89
863**	Good	232	450	21.6	12.00	0.283	7.83
932**	Good	232	450	18.0	10.00	0.318	8.80
954**	Good	400	750	16.2	9.00	0.269	7.45
955**	Good	400	750	16.2	9.00	0.272	7.53
Toughmet® ②**	Great	316	600	16.2	9.00	0.323	8.94
Monel® ③	Great	815	1500	15.6	8.70	0.318	8.80
Inconel® ④	Great	1100	2000	13.0	7.20	0.297	8.22
Composite	Great	150	302	◆18	10	0.065	1.96
				▲11.9	6.61		
Aluminum	Not appropriate for use with dissimilar materials	460	860	23.4	13.00	0.098	2.71

*Intermittent dry

◆ With weave

**When used with grease

▲ Against weave

***Significant reduction in strength

① Nitronic® is a registered trademark of Armco Inc. of Middletown, OH ② Toughmet® is a registered trademark of Materion Corporation of Mayfield Heights, OH ③ Monel® is a registered trademark of International Nickel Co., of New York, NY and Inco Alloys International, Inc of Huntington, WV ④ Inconel® is a registered trademark of Inco Alloys International, Inc of Huntington, WV

Maintenance-Free Solid Journal Bushings

Many factors affect the overall performance of Lubron's maintenance-free bearings. Those of primary concern include applied load, surface velocity, operating mode, surface temperature, mating surface finish and running clearance.

All performance values referred to in this section are based on dry operation. When running in a fluid atmosphere, all maintenance-free bearings may have limitations. Where application requirements exceed those shown, consult Lubron's engineering department.

Fiberglide®, Fabroid®, and TF lined bearings are designed to be used under oscillating motion, interrupted start-stop, impact loading or axial motion. They are recommended where high loads are combined with low surface speeds.

Design Calculations
(journals-oscillating motion)

Proj. Area (sq.in.) = Shaft Dia. Max (or Norm. I.D.) x length

P Pressure (psi) = Load (Lbf) ÷ by Proj. Area

CPM = Cycles Per Minute

$$V. \text{ Velocity (FPM)} = \frac{\text{Shaft Dia. Max} \times \Pi}{12} \times \frac{4 \times \text{osc. Angle}^\circ \times \text{CPM}}{360}$$

Bearing Wear

Bearing wear is affected by many factors. The values shown in the charts on the following pages are representative of the normal wear rate range that can be expected when amplitude is ± 45°, frequency is 10 CPM, and shaft finish is 16 RMS under room temperature conditions.

It will be noted that a wear-in period takes place during the first few thousand cycles. During this period, the fibers are generally reoriented, the high points of the weave are flattened and adjacent fibers tend to blend together. After the break-in period, the bearing surface will become smooth and shiny.

Because of the many variables which influence wear, it is extremely difficult to project bearing life for all types of applications. For this reason, the Lubron engineering department should be consulted when questions of this nature arise. Wear life calculations are based on rubbing distance of travel.

Coefficient of Thermal Expansion

When bonded to a metal backing, liners coefficient of expansion can normally be regarded as identical to that of the backing, for example steel backing 8.4x10⁻⁶ in/in/ °F.

Velocity Limit

Under dry running conditions, the maximum allowable surface velocity will depend on the applied load and other operating parameters. In general, surface speed should be kept below 35 FPM (Feet Per Minute) (11 m/min) at 10,000 psi (70 Mpa) load or 600 FPM (183 m/min) at 100 psi (.7Mpa) load.

Mating Surfaces

For maximum life on solid journal bushings, Lubron recommends a corrosion free surface with a minimum Rockwell C hardness of 50 or greater and a surface finish of Ra of 8 or better. Tables 5 and 6 show the average reductions in life for surface texture and material hardness.

Surface Texture	Life Factor
4-10	1.00
16	0.75
32	0.40

Table 5. Life factor reduction due to surface texture.

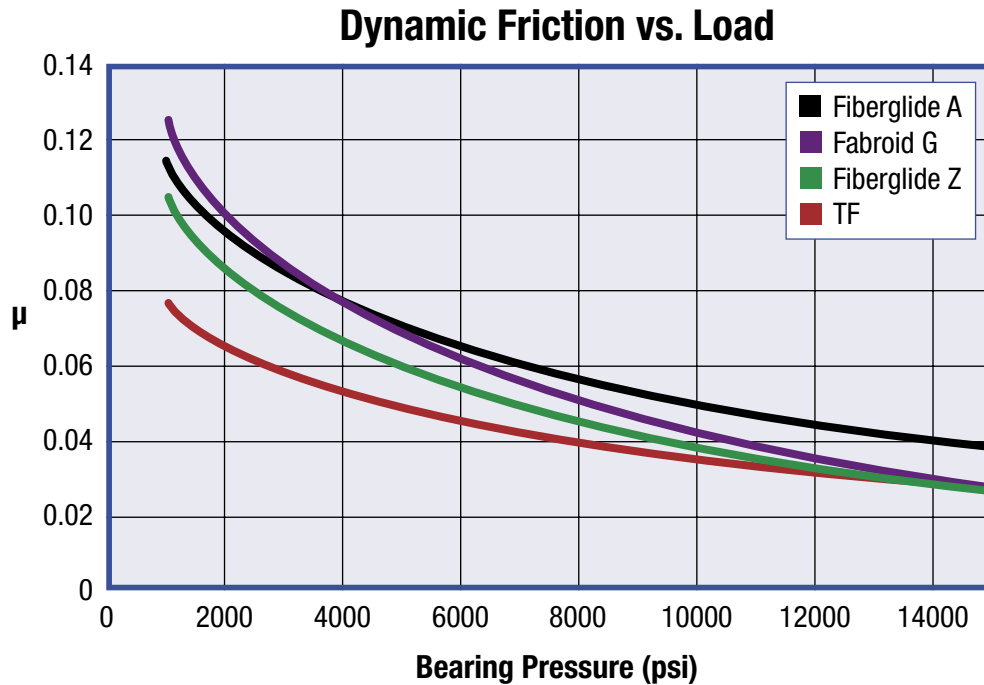
Hardness Rc	Life Factor
50	1.00
40	0.60
30	0.40

Table 6. Life factor reduction due to hardness.

Maintenance-Free Woven Fabric Liners

COEFFICIENT OF FRICTION

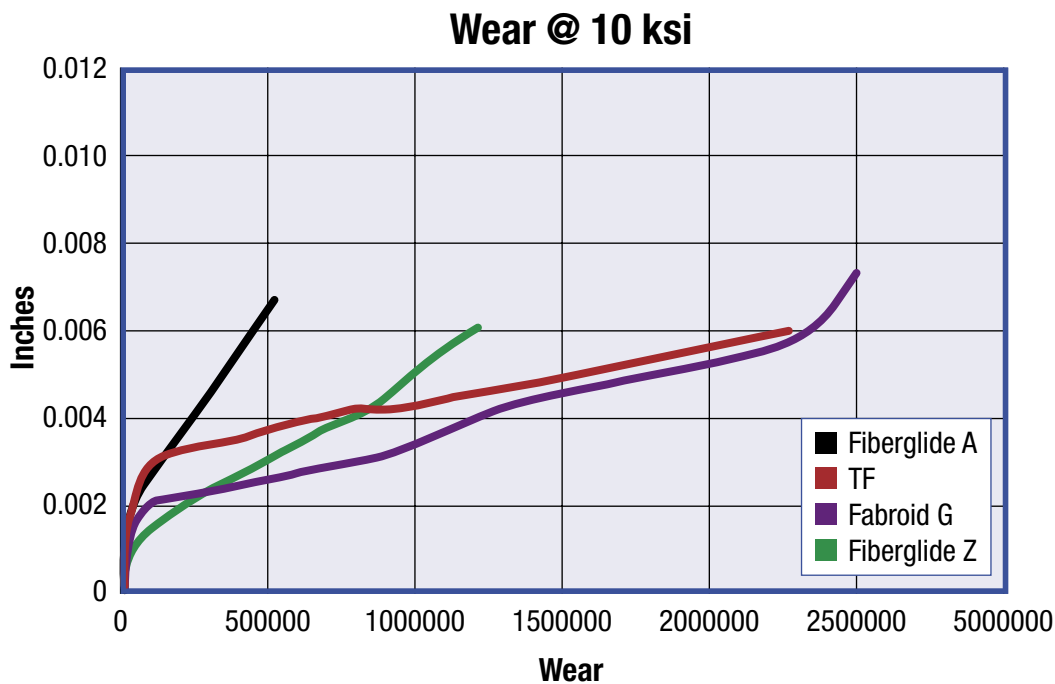
Coefficient of friction depends upon type of movement, surface finish of mating surface, ambient temperature, bearing pressure, velocity, and other variables. As seen below, friction drops off as bearing load increases.



Friction values represented are steady state operation at 70°F and 2 ft/min.

WEAR

Because of many variables which influence bearing wear, it is extremely difficult to project bearing life for all types of applications. For this reason, the Lubron engineering department should be consulted when questions of this nature arise. Wear life calculations are based on rubbing distance of travel.



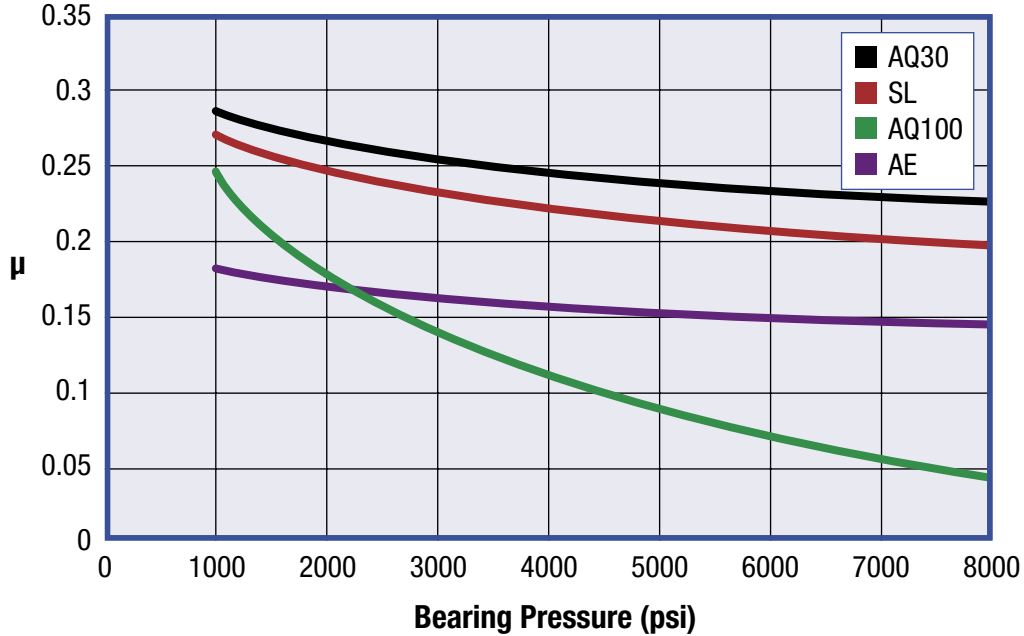
The values shown on the charts are representative of the normal wear range that can be expected at ambient temperatures approximately 70° F at 2 ft/min.

Maintenance-Free Solid Lubricants

COEFFICIENT OF FRICTION

Coefficient of friction depends upon type of movement, surface finish of mating surface, ambient temperature, bearing pressure, velocity, and other variables. As seen below, friction drops off as bearing load increases.

Dynamic Friction vs. Load

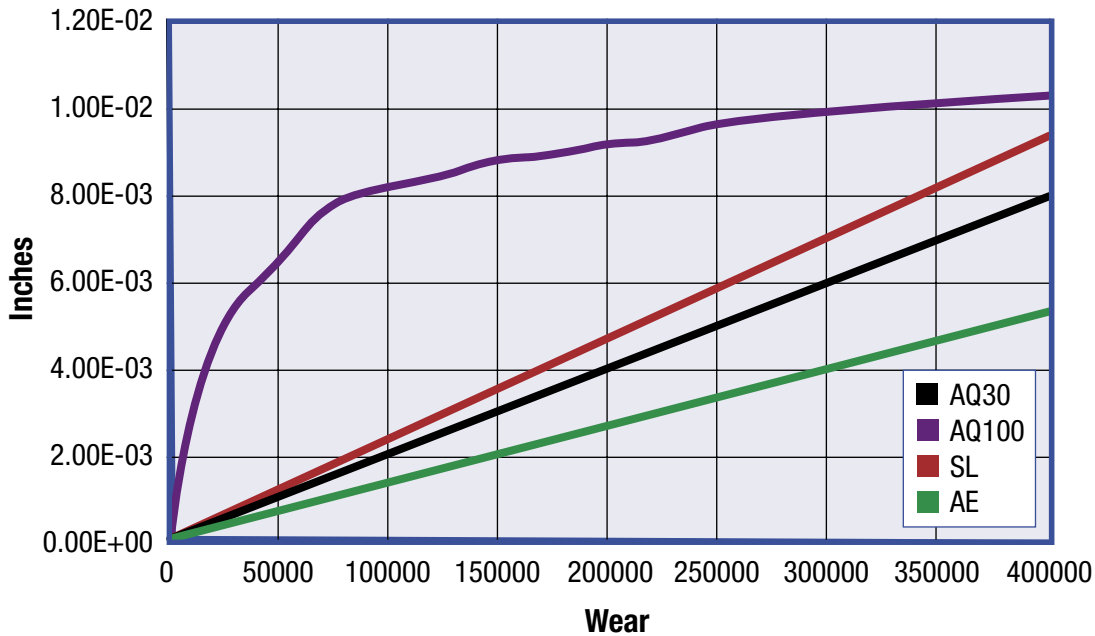


Friction values represented are steady state operation at 70°F and 2 ft/min.

WEAR

Because of many variables which influence bearing wear, it is extremely difficult to project bearing life for all types of applications. For this reason, the Lubron engineering department should be consulted when questions of this nature arise. Wear life calculations are based on rubbing distance of travel.

Wear @ 4 ksi



The values shown on the charts are representative of the normal wear range that can be expected at ambient temperatures approximately 70° F at 2 ft/min.

Lubron® Solid Journal Bushing Overview

Custom-Built

Lubron® can design solid journal bushings with special features that are tailored to customers application needs.

Corrosion Resistant

Lubron® offers solid journal bushings in a wide range of corrosion resistant materials. We can also provide coating solutions.



High Temperature

Lubron® offers bearing solutions that can withstand temperatures of up to 800°F.

High Loads

Lubron® offers self-lubricating bearings that are capable of withstanding loads of up to 60 ksi*.

*Lubron SJB's are capable of 60ksi static loading, and dependent on the yield strength of the backing material.

Reasons to Replace Greased Bronze Bushings

✓ Maintenance-Free

Lubron® Solid Journal Bushings are maintenance-free and do not require any additional greasing. Maintenance-free bushings are ideal for applications that should avoid contaminants (i.e. waterways and food applications).

**NO GREASING =
SAVES TIME AND MONEY**



✓ Avoid Inadequate Maintenance

Grease lubrication requires reliable pumping and piping equipment to disperse the grease along with continuous maintenance throughout the service life of an application. Bearings and housings must be supplied with grease grooves for adequate lubrication. Grease has a tendency to migrate to the unloaded side of the bearing, which is normally the complete opposite side of where it needs to be, the loaded side. Inadequate lubrication can result in equipment failure. Maintenance-free solid journal bushings eliminates these issues.

✓ Reduce Exposure to Contamination

Grease is known for attracting contaminants that could potentially damage the bearing. Depending on the application, the use of grease can attract dust, dirt, and other substances that damage the shaft and/or cause the bearing to seize.

✓ Higher Load Capacity

Lubron's woven PTFE fabric solid journal bushings can handle static loads up to 60 ksi, unlike greased bronze bushings that can only handle loads up to 4 ksi.



Part Number Nomenclature

Example:	SJB162016						
	SJB	16	20	16			
Nomenclature	Type	I.D.	O.D.	Length	Material (optional)	Lube (optional)	Seal (optional)
Position	1	2	3	4	Suffix	Suffix	Suffix

Position 1: Type	
SJB	Solid Journal Bushing - Imperial
SJM	Solid Journal Bushing - Metric

Position 2: Inner Diameter	
Expressed in 1/16 inch increments	
Examples: 9/16"=09 1"=16	
Expressed in 1 mm increments	
Examples: 15 mm = 15 40 mm = 40	

Position 3: Outer Diameter	
Expressed in 1/16 inch increments	
Examples: 1/2"=08 1-1/4"=20	
Expressed in 1 mm increments	
Examples: 20 mm = 20 50 mm= 50	

Position 4: Length	
Expressed in 1/16 inch increments	
Examples: 1-1/2"=24 2"=32	
Expressed in 1 mm increments	
Examples: 20 mm = 20 50 mm= 50	

Suffix: Material	
Standard	Composite
S	Stainless Steel
A	Aluminum
B	Manganese Bronze
AB	Aluminum Bronze
NB	Nickel Aluminum
TB	High Lead Tin
M	Monel® ①
I	Inconel® ②
T	Toughmet® ③

Suffix: Lube	
Standard	Fiberglide® A
Z	Fiberglide® Z
TF	Lubron® TF
G	Fabroid® G
SL	Lubron® SL
AQ	Lubron® AQ
HX	Lubron® HX

Suffix: Seal	
P	Seals

① Monel® is a registered trademark of International Nickel Co., of New York, NY and Inco Alloys International, Inc of Huntington, WV ② Inconel® is a registered trademark of Inco Alloys International, Inc of Huntington, WV ③ Toughmet® is a registered trademark of Materion Corporation of Mayfield Heights, OH

Solid Journal Bushings (SJB) - Stainless Steel



Characteristics:

- ✓ 1/4" Wall
- ✓ Material - 17-4 Stainless Steel
- ✓ Fiberglide® - Bonded to the ID

Standard products are available in various sizes

LUBRON® PART NUMBER	Recommended Shaft Diameter Min/Max [in.]	Recommended Housing Bore* Min/ Max [in.]	Bearing Length [in.] +.000 / -.010	Wall Thickness [in.]
SJB1616S			1.000	0.250
SJB1620S			1.250	0.250
SJB1624S	0.9980 / 1.0000	1.498 / 1.5000	1.500	0.250
SJB1632S			2.000	0.250
SJB2016S			1.000	0.250
SJB2020S	1.2475 / 1.2500	1.7484 / 1.7500	1.250	0.250
SJB2024S			1.500	0.250
SJB2032S			2.000	0.250
SJB2416S			1.000	0.250
SJB2420S	1.4975 / 1.5000	1.9982 / 2.0000	1.250	0.250
SJB2424S			1.500	0.250
SJB2432S			2.000	0.250
SJB2816S			1.000	0.250
SJB2824S	1.7475 / 1.7500	2.2482 / 2.2500	1.500	0.250
SJB2832S			2.000	0.250
SJB2840S			2.500	0.250
SJB3216S			1.000	0.250
SJB3220S	1.9970 / 2.0000	2.4982 / 2.5000	1.250	0.250
SJB3224S			1.500	0.250
SJB3232S			2.000	0.250
SJB3616S			1.000	0.250
SJB3624S	2.2470 / 2.2500	2.7482 / 2.7500	1.500	0.250
SJB3632S			2.000	0.250
SJB3648S			3.000	0.250
SJB4024S			1.500	0.250
SJB4032S	2.4970 / 2.5000	2.9982 / 3.0000	2.000	0.250
SJB4040S			2.500	0.250
SJB4048S			3.000	0.250
SJB4424S			1.500	0.250
SJB4432S	2.7470 / 2.7500	3.2478 / 3.2500	2.000	0.250
SJB4448S			3.000	0.250
SJB4824S			1.500	0.250
SJB4832S	2.9970 / 3.0000	3.4978 / 3.5000	2.000	0.250
SJB4848S			3.000	0.250
SJB5632S			2.000	0.250
SJB5648S	3.4970 / 3.5000	3.9978 / 4.0000	3.000	0.250
SJB5656S			3.500	0.250
SJB6432S			2.000	0.250
SJB6448S	3.9970 / 4.0000	4.4975 / 4.5000	3.000	0.250
SJB6464S			4.000	0.250
SJB7232S			2.000	0.250
SJB7248S	4.4970 / 4.5000	4.9975 / 5.0000	3.000	0.250
SJB7264S			4.000	0.250
SJB8040S			2.500	0.250
SJB8048S	4.9970 / 5.0000	5.4975 / 5.5000	3.000	0.250
SJB8064S			4.000	0.250

*Recommended housing bores are for steel housings. Contact engineering for recommended housing dimensions for alternate materials.

Solid Journal Bushings (SJB) - Composite

Characteristics:

- ✓ 1/8" Wall
- ✓ Material - Composite
- ✓ Fiberglide® - Bonded to the ID



XX = Specify Bushing Length

Standard products are available in various sizes

LUBRON® PART NUMBER	ID		OD		Recommended Shaft Diameter [in.]	Recommended Housing Diameter [in.]	Running Clearance [in.]
	min/max [in.]	min/max [in.]					
	d	D					
SJB0812XXC	0.5040	0.7535			0.5000	0.7500	0.0005
	0.5070	0.7515			0.4995	0.7505	0.0065
SJB1014XXC	0.6290	0.8785			0.6250	0.8750	0.0005
	0.6320	0.8765			0.6245	0.8755	0.0065
SJB1216XXC	0.7540	1.0035			0.7500	1.0000	0.0005
	0.7570	1.0015			0.7495	1.0005	0.0065
SJB1418XXC	0.8790	1.1285			0.8750	1.1250	0.0005
	0.8820	1.1265			0.8745	1.1255	0.0065
SJB1620XXC	1.0040	1.2535			1.0000	1.2500	0.0005
	1.0070	1.2515			0.9995	1.2505	0.0065
SJB1822XXC	1.1290	1.3785			1.1250	1.3750	0.0005
	1.1320	1.3765			1.1245	1.3755	0.0065
SJB2024XXC	1.2540	1.5035			1.2500	1.5000	0.0005
	1.2570	1.5015			1.2495	1.5005	0.0065
SJB2226XXC	1.3790	1.6285			1.3750	1.6250	0.0005
	1.3820	1.6265			1.3745	1.6255	0.0065
SJB2428XXC	1.5040	1.7535			1.5000	1.7500	0.0005
	1.5070	1.7515			1.4995	1.7505	0.0065
SJB2630XXC	1.6290	1.8785			1.6250	1.8750	0.0005
	1.6320	1.8765			1.6245	1.8755	0.0065
SJB2832XXC	1.7550	2.0035			1.7500	2.0000	0.0015
	1.7580	2.0015			1.7495	2.0005	0.0075
SJB3034XXC	1.8800	2.1285			1.8750	2.1250	0.0015
	1.8830	2.1265			1.8745	2.1255	0.0075
SJB3236XXC	2.0055	2.2545			2.0000	2.2500	0.0010
	2.0095	2.2525			1.9995	2.2510	0.0085
SJB3438XXC	2.1305	2.3795			2.1250	2.3750	0.0010
	2.1345	2.3775			2.1245	2.3760	0.0085
SJB3640XXC	2.2555	2.5045			2.2500	2.5000	0.0010
	2.2595	2.5025			2.2495	2.5010	0.0085

Solid Journal Bushings (SJB) - Composite



Characteristics:

- ✓ 1/8" Wall
- ✓ Material - Composite
- ✓ Fiberglide® - Bonded to the ID

XX = Specify Bushing Length

Standard products are available in various sizes

LUBRON® PART NUMBER	ID	OD	Recommended Shaft Diameter [in.]	Recommended Housing Diameter [in.]	Running Clearance [in.]
	min/max [in.]	min/max [in.]			
	d	D			
SJB3842XXC	2.3805	2.6295	2.3750	2.6250	0.0010
	2.3845	2.6275	2.3740	2.6260	0.0090
SJB4044XXC	2.5060	2.7545	2.5000	2.7500	0.0015
	2.5100	2.7525	2.4990	2.7510	0.0095
SJB4448XXC	2.7560	3.0050	2.7500	3.0000	0.0010
	2.7600	3.0030	2.7490	3.0015	0.0095
SJB4852XXC	3.0065	3.2550	3.0000	3.2500	0.0015
	3.0105	3.2530	2.9990	3.2515	0.0100
SJB5256XXC	3.2565	3.5055	3.2500	3.5000	0.0010
	3.2605	3.5035	3.2490	3.5020	0.0100
SJB5660XXC	3.5065	3.7555	3.5000	3.7500	0.0010
	3.5105	3.7535	3.4990	3.7520	0.0100
SJB6064XXC	3.7565	4.0055	3.7500	4.0000	0.0010
	3.7605	4.0035	3.7490	4.0020	0.0100
SJB6468XXC	4.0090	4.2570	4.0000	4.2500	0.0020
	4.0140	4.2540	3.9990	4.2520	0.0130
SJB6872XXC	4.2590	4.5070	4.2500	4.5000	0.0020
	4.2640	4.5040	4.2490	4.5020	0.0130
SJB7276XXC	4.5090	4.7570	4.5000	4.7500	0.0020
	4.5140	4.7540	4.4990	4.7520	0.0130
SJB7680XXC	4.7590	5.0070	4.7500	5.0000	0.0020
	4.7640	5.0040	4.7490	5.0020	0.0130
SJB8084XXC	5.0090	5.2570	5.0000	5.2500	0.0020
	5.0140	5.2540	4.9990	5.2520	0.0130
SJB8488XXC	5.2590	5.5070	5.2500	5.5000	0.0020
	5.2640	5.5040	5.2490	5.5020	0.0130
SJB8892XXC	5.5090	5.7570	5.5000	5.7500	0.0020
	5.5140	5.7540	5.4990	5.7520	0.0130
SJB9296XXC	5.7590	6.0070	5.7500	6.0000	0.0020
	5.7640	6.0040	5.7490	6.0020	0.0130

Solid Journal Bushings (SJB) - Composite

Characteristics:

- ✓ 1/4" Wall
- ✓ Material - Composite
- ✓ Fiberglide® - Bonded to the ID



XX = Specify Bushing Length

Standard products are available in various sizes

LUBRON® PART NUMBER	ID		OD		Recommended Shaft Diameter [in.]	Recommended Housing Diameter [in.]	Running Clearance [in.]
	min/max [in.]	min/max [in.]					
	d	D					
SJB0816XXC	0.5040	1.0035			0.5000	1.0000	0.0005
	0.5070	1.0015			0.4995	1.0005	0.0065
SJB1018XXC	0.6290	1.1285			0.6250	1.1250	0.0005
	0.6320	1.1265			0.6245	1.1255	0.0065
SJB1220XXC	0.7540	1.2535			0.7500	1.2500	0.0005
	0.7570	1.2515			0.7495	1.2505	0.0065
SJB1422XXC	0.8790	1.3785			0.8750	1.3750	0.0005
	0.8820	1.3765			0.8745	1.3755	0.0065
SJB1624XXC	1.0040	1.5035			1.0000	1.5000	0.0005
	1.0070	1.5015			0.9995	1.5005	0.0065
SJB1826XXC	1.1290	1.6285			1.1250	1.6250	0.0005
	1.1320	1.6265			1.1245	1.6255	0.0065
SJB2028XXC	1.2540	1.7535			1.2500	1.7500	0.0005
	1.2570	1.7515			1.2495	1.7505	0.0065
SJB2230XXC	1.3790	1.8785			1.3750	1.8750	0.0005
	1.3820	1.8765			1.3745	1.8755	0.0065
SJB2432XXC	1.5040	2.0035			1.5000	2.0000	0.0005
	1.5070	2.0015			1.4995	2.0005	0.0065
SJB2634XXC	1.6290	2.1285			1.6250	2.1250	0.0005
	1.6320	2.1265			1.6245	2.1255	0.0065
SJB2836XXC	1.7550	2.2545			1.7500	2.2500	0.0005
	1.7580	2.2525			1.7495	2.2510	0.0070
SJB3038XXC	1.8800	2.3795			1.8750	2.3750	0.0005
	1.8830	2.3775			1.8745	2.3760	0.0070
SJB3240XXC	2.0055	2.5045			2.0000	2.5000	0.0010
	2.0095	2.5025			1.9995	2.5010	0.0085
SJB3442XXC	2.1305	2.6295			2.1250	2.6250	0.0010
	2.1345	2.6275			2.1245	2.6260	0.0085
SJB3644XXC	2.2555	2.7545			2.2500	2.7500	0.0010
	2.2595	2.7525			2.2495	2.7510	0.0085
SJB3846XXC	2.3805	2.8795			2.3750	2.8750	0.0010
	2.3845	2.8775			2.3740	2.8760	0.0090

Solid Journal Bushings (SJB) - Composite



Characteristics:

- ✓ 1/4" Wall
- ✓ Material - Composite
- ✓ Fiberglide® - Bonded to the ID

XX = Specify Bushing Length

Standard products are available in various sizes

LUBRON® PART NUMBER	ID	OD	Recommended Shaft Diameter [in.]	Recommended Housing Diameter [in.]	Running Clearance [in.]
	min/max [in.]	min/max [in.]			
	d	D			
SJB4048XXC	2.5060	3.0050	2.5000	3.0000	0.0010
	2.5100	3.0030	2.4990	3.0015	0.0095
SJB4452XXC	2.7560	3.2550	2.7500	3.2500	0.0010
	2.7600	3.2530	2.7490	3.2515	0.0095
SJB4856XXC	3.0065	3.5055	3.0000	3.5000	0.0010
	3.0105	3.5035	2.9990	3.5020	0.0100
SJB5260XXC	3.2565	3.7555	3.2500	3.7500	0.0010
	3.2605	3.7535	3.2490	3.7520	0.0100
SJB5664XXC	3.5065	4.0055	3.5000	4.0000	0.0010
	3.5105	4.0035	3.4990	4.0020	0.0100
SJB6068XXC	3.7565	4.2555	3.7500	4.2500	0.0010
	3.7605	4.2535	3.7490	4.2520	0.0100
SJB6472XXC	4.0090	4.5070	4.0000	4.5000	0.0020
	4.0140	4.5040	3.9990	4.5020	0.0130
SJB6876XXC	4.2590	4.7570	4.2500	4.7500	0.0020
	4.2640	4.7540	4.2490	4.7520	0.0130
SJB7280XXC	4.5090	5.0070	4.5000	5.0000	0.0020
	4.5140	5.0040	4.4990	5.0020	0.0130
SJB7684XXC	4.7590	5.2570	4.7500	5.2500	0.0020
	4.7640	5.2540	4.7490	5.2520	0.0130
SJB8088XXC	5.0090	5.5070	5.0000	5.5000	0.0020
	5.0140	5.5040	4.9990	5.5020	0.0130
SJB8492XXC	5.2590	5.7570	5.2500	5.7500	0.0020
	5.2640	5.7540	5.2490	5.7520	0.0130
SJB8896XXC	5.5090	6.0070	5.5000	6.0000	0.0020
	5.5140	6.0040	5.4990	6.0020	0.0130
SJB92100XXC	5.7590	6.2570	5.7500	6.2500	0.0020
	5.7640	6.2540	5.7490	6.2520	0.0130
SJB96104XXC	6.0120	6.5090	6.0000	6.5000	0.0030
	6.0180	6.5050	5.9985	6.5020	0.0165

Solid Journal Bushings (SJM) - Bronze

Characteristics:

- ✓ Backing - Manganese Bronze
- ✓ Lubricant - Lubron® SL



Standard products are available in various sizes

Lubron® Part Number	ID [mm]	OD [mm]	LG [mm]
SJM253312BSL	25	33	12
SJM253315BSL	25	33	15
SJM253316BSL	25	33	16
SJM253320BSL	25	33	20
SJM253325BSL	25	33	25
SJM253335BSL	25	33	35
SJM253340BSL	25	33	40
SJM253350BSL	25	33	50
SJM253350BSL	25	33	50
SJM253360BSL	25	33	60
SJM253512BSL	25	35	12
SJM253515BSL	25	35	15
SJM253516BSL	25	35	16
SJM253520BSL	25	35	20
SJM253520BSL	25	35	20
SJM253525BSL	25	35	25
SJM253530BSL	25	35	30
SJM253535BSL	25	35	35
SJM253540BSL	25	35	40
SJM253550BSL	25	35	50
SJM253560BSL	25	35	60
SJM283624BSL	28	36	24
SJM283820BSL	28	38	20
SJM283825BSL	28	38	25
SJM283830BSL	28	38	30
SJM283840BSL	28	38	40
SJM303812BSL	30	38	12
SJM303815BSL	30	38	15
SJM303820BSL	30	38	20

Solid Journal Bushings (SJM) - Bronze

Characteristics:

- ✓ Backing - Manganese Bronze
- ✓ Lubricant - Lubron® SL



Standard products are available in various sizes

Lubron® Part Number	ID [mm]	OD [mm]	LG [mm]
SJM303825BSL	30	38	25
SJM303830BSL	30	38	30
SJM303835BSL	30	38	35
SJM303840BSL	30	38	40
SJM303850BSL	30	38	50
SJM303860BSL	30	38	60
SJM304012BSL	30	40	12
SJM304015BSL	30	40	15
SJM304020BSL	30	40	20
SJM304025BSL	30	40	25
SJM304030BSL	30	40	30
SJM304035BSL	30	40	35
SJM304040BSL	30	40	40
SJM304050BSL	30	40	50
SJM304060BSL	30	40	60
SJM314030BSL	31	40	30
SJM314040BSL	31	40	40
SJM324032BSL	32	40	32
SJM324040BSL	32	40	40
SJM324220BSL	32	42	20
SJM324230BSL	32	42	30
SJM324240BSL	32	42	40
SJM353330BSL	35	33	30
SJM354420BSL	35	44	20
SJM354425BSL	35	44	25
SJM354430BSL	35	44	30
SJM354435BSL	35	44	35
SJM354440BSL	35	44	40
SJM354450BSL	35	44	50
SJM354460BSL	35	44	60

Solid Journal Bushings (SJM) - Bronze

Characteristics:

- ✓ Backing - Manganese Bronze
- ✓ Lubricant - Lubron® SL



Standard products are available in various sizes

Lubron® Part Number	ID [mm]	OD [mm]	LG [mm]
SJM354520BSL	35	45	20
SJM354530BSL	35	45	30
SJM354535BSL	35	45	35
SJM354540BSL	35	45	40
SJM354545BSL	35	45	45
SJM354550BSL	35	45	50
SJM354560BSL	35	45	60
SJM384840BSL	38	48	40
SJM405015BSL	40	50	15
SJM405020BSL	40	50	20
SJM405025BSL	40	50	25
SJM405030BSL	40	50	30
SJM405035BSL	40	50	35
SJM405040BSL	40	50	40
SJM405050BSL	40	50	50
SJM405060BSL	40	50	60
SJM405070BSL	40	50	70
SJM405080BSL	40	50	80
SJM405515BSL	40	55	15
SJM405530BSL	40	55	30
SJM405535BSL	40	55	35
SJM405540BSL	40	55	40
SJM405550BSL	40	55	50
SJM405560BSL	40	55	60
SJM455530BSL	45	55	30
SJM455535BSL	45	55	35
SJM455540BSL	45	55	40
SJM455550BSL	45	55	50
SJM455560BSL	45	55	60
SJM455630BSL	45	56	30

Solid Journal Bushings (SJM) - Bronze



Characteristics:

- ✓ Backing - Manganese Bronze
- ✓ Lubricant - Lubron® SL

Standard products are available in various sizes

Lubron® Part Number	ID [mm]	OD [mm]	LG [mm]
SJM455635BSL	45	56	35
SJM455640BSL	45	56	40
SJM455650BSL	45	56	50
SJM455660BSL	45	56	60
SJM456030BSL	45	60	30
SJM456035BSL	45	60	35
SJM456040BSL	45	60	40
SJM456050BSL	45	60	50
SJM456060BSL	45	60	60
SJM456070BSL	45	60	70
SJM456080BSL	45	60	80
SJM506020BSL	50	60	20
SJM506030BSL	50	60	30
SJM506035BSL	50	60	35
SJM506040BSL	50	60	40
SJM506050BSL	50	60	50
SJM506060BSL	50	60	60
SJM506080BSL	50	60	80
SJM506230BSL	50	62	30
SJM506235BSL	50	62	35
SJM506240BSL	50	62	40
SJM506250BSL	50	62	50
SJM506260BSL	50	62	60
SJM506270BSL	50	62	70
SJM506280BSL	50	62	80
SJM506530BSL	50	65	30
SJM506540BSL	50	65	40
SJM506550BSL	50	65	50
SJM506560BSL	50	65	60
SJM506570BSL	50	65	70

Solid Journal Bushings (SJM) - Bronze

Characteristics:

- ✓ Backing - Manganese Bronze
- ✓ Lubricant - Lubron® SL



Standard products are available in various sizes

Lubron® Part Number	ID [mm]	OD [mm]	LG [mm]
SJM506580BSL	50	65	80
SJM5065100BSL	50	65	100
SJM556070BSL	55	60	70
SJM557030BSL	55	70	30
SJM557035BSL	55	70	35
SJM557040BSL	55	70	40
SJM557050BSL	55	70	50
SJM557060BSL	55	70	60
SJM557070BSL	55	70	70
SJM607430BSL	60	74	30
SJM607435BSL	60	74	35
SJM607440BSL	60	74	40
SJM607450BSL	60	74	50
SJM607460BSL	60	74	60
SJM607470BSL	60	74	70
SJM607480BSL	60	74	80
SJM607530BSL	60	75	30
SJM607535BSL	60	75	35
SJM607540BSL	60	75	40
SJM607550BSL	60	75	50
SJM607560BSL	60	75	60
SJM607570BSL	60	75	70
SJM607580BSL	60	75	80
SJM6075100BSL	60	75	100
SJM637560BSL	63	75	60
SJM637570BSL	63	75	70
SJM637580BSL	63	75	80
SJM658040BSL	65	80	40
SJM658060BSL	65	80	60

Solid Journal Bushings (SJM) - Bronze



Characteristics:

- ✓ Backing - Manganese Bronze
- ✓ Lubricant - Lubron® SL

Standard products are available in various sizes

Lubron® Part Number	ID [mm]	OD [mm]	LG [mm]
SJM658070BSL	65	80	70
SJM658080BSL	65	80	80
SJM688050BSL	68	80	50
SJM708530BSL	70	85	30
SJM708535BSL	70	85	35
SJM708540BSL	70	85	40
SJM708550BSL	70	85	50
SJM708560BSL	70	85	60
SJM708570BSL	70	85	70
SJM708580BSL	70	85	80
SJM7085100BSL	70	85	100
SJM709050BSL	70	90	50
SJM709060BSL	70	90	60
SJM709070BSL	70	90	70
SJM709080BSL	70	90	80
SJM759050BSL	75	90	50
SJM759060BSL	75	90	60
SJM759070BSL	75	90	70
SJM759080BSL	75	90	80
SJM7590100BSL	75	90	100
SJM759560BSL	75	95	60
SJM759570BSL	75	95	70
SJM759580BSL	75	95	80
SJM7595100BSL	75	95	100
SJM809640BSL	80	96	40
SJM809650BSL	80	96	50
SJM809660BSL	80	96	60
SJM809670BSL	80	96	70
SJM809680BSL	80	96	80

Solid Journal Bushings (SJM) - Bronze

Characteristics:

- ✓ Backing - Manganese Bronze
- ✓ Lubricant - Lubron® SL



Standard products are available in various sizes

Lubron® Part Number	ID [mm]	OD [mm]	LG [mm]
SJM8096100BSL	80	96	100
SJM8096120BSL	80	96	120
SJM8010040BSL	80	100	40
SJM8010050BSL	80	100	50
SJM8010060BSL	80	100	60
SJM8010070BSL	80	100	70
SJM8010080BSL	80	100	80
SJM80100100BSL	80	100	100
SJM80100120BSL	80	100	120
SJM80100140BSL	80	100	140
SJM8510060BSL	85	100	60
SJM8510080BSL	85	100	80
SJM9011050BSL	90	110	50
SJM9011060BSL	90	110	60
SJM9011080BSL	90	110	80
SJM9011090BSL	90	110	90
SJM90110100BSL	90	110	100
SJM90110120BSL	90	110	120
SJM10012050BSL	100	120	50
SJM10012060BSL	100	120	60
SJM10012070BSL	100	120	70
SJM10012080BSL	100	120	80
SJM10012090BSL	100	120	90
SJM100120100BSL	100	120	100
SJM100120120BSL	100	120	120
SJM100120140BSL	100	120	140
SJM11013050BSL	110	130	50
SJM11013070BSL	110	130	70
SJM11013080BSL	110	130	80

Solid Journal Bushings (SJM) - Bronze



Characteristics:

- ✓ Backing - Manganese Bronze
- ✓ Lubricant - Lubron® SL

Standard products are available in various sizes

Lubron® Part Number	ID [mm]	OD [mm]	LG [mm]
SJM110130100BSL	110	130	100
SJM110130120BSL	110	130	120
SJM12014070BSL	120	140	70
SJM12014080BSL	120	140	80
SJM12014090BSL	120	140	90
SJM120140100BSL	120	140	100
SJM120140120BSL	120	140	120
SJM120140140BSL	120	140	140
SJM125145100BSL	125	145	100
SJM125145120BSL	125	145	120
SJM13015080BSL	130	150	80
SJM130150100BSL	130	150	100
SJM130150130BSL	130	150	130
SJM140160100BSL	140	160	100
SJM140160140BSL	140	160	140
SJM15017080BSL	150	170	80
SJM150170100BSL	150	170	100
SJM150170150BSL	150	170	150
SJM16018080BSL	160	180	80
SJM160180100BSL	160	180	100
SJM160180150BSL	160	180	150
SJM170190100BSL	170	190	100
SJM170190150BSL	170	190	150
SJM180200100BSL	180	200	100
SJM180200150BSL	180	200	150
SJM190210100BSL	190	210	100
SJM190210150BSL	190	210	150
SJM200230200BSL	200	230	200

Solid Journal Bushings (SJBF) - Bronze

Characteristics:

- ✓ Backing - Manganese Bronze
- ✓ Lubricant - Lubron® SL



Standard products are available in various sizes

Lubron® Part Number	ID [in.]	OD [in.]	LG [in.]
SJB162212BSL	1.000	1.375	0.750
SJB162216BSL	1.000	1.375	1.000
SJB162220BSL	1.000	1.375	1.250
SJB162224BSL	1.000	1.375	1.500
SJB162228BSL	1.000	1.375	1.750
SJB162232BSL	1.000	1.375	2.000
SJB162412BSL	1.000	1.500	0.750
SJB162416BSL	1.000	1.500	1.000
SJB162424BSL	1.000	1.500	1.500
SJB162432BSL	1.000	1.500	2.000
SJB202616BSL	1.250	1.625	1.000
SJB202620BSL	1.250	1.625	1.250
SJB202624BSL	1.250	1.625	1.500
SJB202628BSL	1.250	1.625	1.750
SJB202632BSL	1.250	1.625	2.000
SJB243216BSL	1.500	2.000	1.000
SJB243220BSL	1.500	2.000	1.250
SJB243224BSL	1.500	2.000	1.500
SJB243228BSL	1.500	2.000	1.750
SJB243232BSL	1.500	2.000	2.000
SJB283620BSL	1.750	2.250	1.250
SJB283624BSL	1.750	2.250	1.500
SJB283628BSL	1.750	2.250	1.750
SJB283632BSL	1.750	2.250	2.000
SJB283640BSL	1.750	2.250	2.500
SJB283648BSL	1.750	2.250	3.000
SJB283656BSL	1.750	2.250	3.500
SJB283664BSL	1.750	2.250	4.000
SJB324020BSL	2.000	2.500	1.250
SJB324024BSL	2.000	2.500	1.500

Solid Journal Bushings (SJBF) - Bronze



Characteristics:

- ✓ Backing - Manganese Bronze
- ✓ Lubricant - Lubron® SL

Standard products are available in various sizes

Lubron® Part Number	ID [in.]	OD [in.]	LG [in.]
SJB324032BSL	2.000	2.500	2.000
SJB324040BSL	2.000	2.500	2.500
SJB324048BSL	2.000	2.500	3.000
SJB364424BSL	2.250	2.750	1.500
SJB364432BSL	2.250	2.750	2.000
SJB364440BSL	2.250	2.750	2.500
SJB364448BSL	2.250	2.750	3.000
SJB404824BSL	2.500	3.000	1.500
SJB404832BSL	2.500	3.000	2.000
SJB404848BSL	2.500	3.000	3.000
SJB445424BSL	2.750	3.380	1.500
SJB445432BSL	2.750	3.380	2.000
SJB445440BSL	2.750	3.380	2.500
SJB445448BSL	2.750	3.380	3.000
SJB485832BSL	3.000	3.630	2.000
SJB485840BSL	3.000	3.630	2.500
SJB485848BSL	3.000	3.630	3.000
SJB485856BSL	3.000	3.630	3.500
SJB566632BSL	3.500	4.130	2.000
SJB566648BSL	3.500	4.130	3.000
SJB566664BSL	3.500	4.130	4.000
SJB647632BSL	4.000	4.750	2.000
SJB647648BSL	4.000	4.750	3.000
SJB647664BSL	4.000	4.750	4.000
SJB728648BSL	4.500	5.380	3.000
SJB728664BSL	4.500	5.380	4.000
SJB728680BSL	4.500	5.380	5.000
SJB809648BSL	5.000	6.000	3.000
SJB809664BSL	5.000	6.000	4.000
SJB809680BSL	5.000	6.000	5.000

Solid Journal Bushings (SJMF) - Bronze

Characteristics:

- ✓ Backing - Manganese Bronze
- ✓ Lubricant - Lubron® SL



Standard products are available in various sizes

Lubron® Part Number	ID [mm]	OD [mm]	Flange OD [mm]	Flange THK [mm]	LG [mm]
SJMF253515BSL	25	35	45	5	15
SJMF253520BSL	25	35	45	5	20
SJMF253525BSL	25	35	45	5	25
SJMF253530BSL	25	35	45	5	30
SJMF253535BSL	25	35	45	5	35
SJMF253540BSL	25	35	45	5	40
SJMF253550BSL	25	35	45	5	50
SJMF304020BSL	30	40	50	5	20
SJMF304025BSL	30	40	50	5	25
SJMF304030BSL	30	40	50	5	30
SJMF304035BSL	30	40	50	5	35
SJMF304040BSL	30	40	50	5	40
SJMF304050BSL	30	40	50	5	50
SJMF314020BSL	31.5	40	50	5	20
SJMF314030BSL	31.5	40	50	5	30
SJMF314035BSL	31.5	40	50	5	35
SJMF314040BSL	31.5	40	50	5	40
SJMF354520BSL	35	45	60	5	20
SJMF354525BSL	35	45	60	5	25
SJMF354530BSL	35	45	60	5	30
SJMF354535BSL	35	45	60	5	35
SJMF354540BSL	35	45	60	5	40
SJMF354550BSL	35	45	60	5	50
SJMF405020BSL	40	50	65	5	20
SJMF405025BSL	40	50	65	5	25
SJMF405030BSL	40	50	65	5	30
SJMF405035BSL	40	50	65	5	35
SJMF405040BSL	40	50	65	5	40
SJMF405050BSL	40	50	65	5	50
SJMF455530BSL	45	55	70	5	30
SJMF455535BSL	45	55	70	5	35
SJMF455540BSL	45	55	70	5	40
SJMF455550BSL	45	55	70	5	50



Solid Journal Bushings (SJMFBronze) - Bronze

Characteristics:

- ✓ Backing - Manganese Bronze
- ✓ Lubricant - Lubron® SL

Standard products are available in various sizes

Lubron® Part Number	ID [mm]	OD [mm]	Flange OD [mm]	Flange THK [mm]	LG [mm]
SJMF455560BSL	45	55	70	5	60
SJMF506030BSL	50	60	75	5	30
SJMF506035BSL	50	60	75	5	35
SJMF506040BSL	50	60	75	5	40
SJMF506050BSL	50	60	75	5	50
SJMF506060BSL	50	60	75	5	60
SJMF556540BSL	55	65	80	5	40
SJMF556560BSL	55	65	80	5	60
SJMF607540BSL	60	75	90	7.5	40
SJMF607550BSL	60	75	90	7.5	50
SJMF607560BSL	60	75	90	7.5	60
SJMF607580BSL	60	75	90	7.5	80
SJMF637567BSL	63	75	85	7.5	67.5
SJMF658060BSL	65	80	95	7.5	60
SJMF708550BSL	70	85	105	7.5	50
SJMF708580BSL	70	85	105	7.5	80
SJMF759060BSL	75	90	110	7.5	60
SJMF8010060BSL	80	100	120	10	60
SJMF8010080BSL	80	100	120	10	80
SJMF80100100BSL	80	100	120	10	100
SJMF9011060BSL	90	110	130	10	60
SJMF9011080BSL	90	110	130	10	80
SJMF10012080BSL	100	120	150	10	80
SJMF100120100BSL	100	120	150	10	100
SJMF12014080BSL	120	140	170	10	80
SJMF120140100BSL	120	140	170	10	100
SJMF13015080BSL	130	150	180	10	80
SJMF130150100BSL	130	150	180	10	100
SJMF14016080BSL	140	160	190	10	80
SJMF140160100BSL	140	160	190	10	100
SJMF150170100BSL	150	170	200	10	100
SJMF150170120BSL	150	170	200	10	120
SJMF160180100BSL	160	180	210	10	100
SJMF160180120BSL	160	180	210	10	120

Solid Journal Bushings (SJB) - Stainless Steel Interchange Tables - Imperial



1/4" Wall - 1.00" - 5.00" ID

Lubron® Part Number	Legacy Transport Dynamics Part Number	Lubron® Part Number	Legacy Transport Dynamics Part Number
SJB1616S	SJS1616	SJB3648S	SJS3648
SJB1620S	SJS1620	SJB4024S	SJS4024
SJB1624S	SJS1624	SJB4032S	SJS4032
SJB1632S	SJS1632	SJB4040S	SJS4040
SJB2016S	SJS2016	SJB4048S	SJS4048
SJB2020S	SJS2020	SJB4424S	SJS4424
SJB2024S	SJS2024	SJB4432S	SJS4432
SJB2032S	SJS2032	SJB4448S	SJS4448
SJB2416S	SJS2416	SJB4824S	SJS4824
SJB2420S	SJS2420	SJB4832S	SJS4832
SJB2424S	SJS2424	SJB4848S	SJS4848
SJB2432S	SJS2432	SJB5632S	SJS5632
SJB2816S	SJS2816	SJB5648S	SJS5648
SJB2824S	SJS2824	SJB5656S	SJS5656
SJB2832S	SJS2832	SJB6432S	SJS6432
SJB2840S	SJS2840	SJB6448S	SJS6448
SJB3216S	SJS3216	SJB6464S	SJS6464
SJB3220S	SJS3220	SJB7232S	SJS7232
SJB3224S	SJS3224	SJB7248S	SJS7248
SJB3232S	SJS3232	SJB7264S	SJS7264
SJB3616S	SJS3616	SJB8040S	SJS8040
SJB3624S	SJS3624	SJB8048S	SJS8048
SJB3632S	SJS3632	SJB8064S	SJS8064

Solid Journal Bushings (SJB) - Composite Interchange Tables - Imperial



1/8" Wall - .50" - 6.00" ID

Lubron® Part Number	GGB® Part Number	Polygon® Part Number
SJB0812XXC	GM0812	PWR08M12
SJB1014XXC	GM1014	PWR10M14
SJB1216XXC	GM1212	PWR12M12
SJB1418XXC	GM1418	PWR14M18
SJB1620XXC	GM1620	PWR16M20
SJB1822XXC	GM1822	PWR18M22
SJB2024XXC	GM2024	PWR20M24
SJB2226XXC	GM2226	PWR22M26
SJB2428XXC	GM2428	PWR24M28
SJB2630XXC	GM2630	PWR26M30
SJB2832XXC	GM2832	PWR28M32
SJB3034XXC	GM3034	PWR30M34
SJB3236XXC	GM3236	PWR32M36
SJB3438XXC	GM3438	PWR34M38
SJB3640XXC	GM3640	PWR36M40
SJB3842XXC	GM3842	PWR38M42
SJB4044XXC	GM4044	PWR40M44
SJB4448XXC	GM4448	PWR44M48
SJB4852XXC	GM4852	PWR48M52
SJB5256XXC	GM5256	PWR52M56
SJB5660XXC	GM5660	PWR56M60
SJB6064XXC	GM6064	PWR60M64
SJB6468XXC	GM6468	PWR64M68
SJB6872XXC	GM6872	PWR68M72
SJB7276XXC	GM7276	PWR72M76
SJB7680XXC	GM7680	PWR76M80
SJB8084XXC	GM8084	PWR80M84
SJB8488XXC	GM8488	PWR84M88
SJB8892XXC	GM8892	PWR88M92
SJB9296XXC	GM9296	PWR92M96

1/4" Wall - .50" - 6.00" ID

Lubron® Part Number	GGB® Part Number	Polygon® Part Number
SJB0816XXC	GM0816	PWR08M16
SJB1018XXC	GM1018	PWR10M18
SJB1220XXC	GM1220	PWR12M20
SJB1422XXC	GM1422	PWR14M22
SJB1624XXC	GM1624	PWR16M24
SJB1826XXC	GM1826	PWR18M26
SJB2028XXC	GM2028	PWR20M28
SJB2230XXC	GM2230	PWR22M30
SJB2432XXC	GM2432	PWR24M32
SJB2634XXC	GM2634	PWR26M34
SJB2836XXC	GM2836	PWR28M36
SJB3038XXC	GM3038	PWR30M38
SJB3240XXC	GM3240	PWR32M40
SJB3442XXC	GM3442	PWR34M42
SJB3644XXC	GM3644	PWR36M44
SJB3846XXC	GM3846	PWR38M46
SJB4048XXC	GM4048	PWR40M48
SJB4452XXC	GM4452	PWR44M52
SJB4856XXC	GM4856	PWR48M56
SJB5260XXC	GM5260	PWR52M60
SJB5664XXC	GM5664	PWR56M64
SJB6068XXC	GM6068	PWR60M68
SJB6472XXC	GM6472	PWR64M72
SJB6876XXC	GM6876	PWR68M76
SJB7280XXC	GM7280	PWR72M80
SJB7684XXC	GM7684	PWR76M84
SJB8088XXC	GM8088	PWR80M88
SJB8492XXC	GM8492	PWR84M92
SJB8896XXC	GM8896	PWR88M96
SJB92100XXC	GM92100	PWR92M100
SJB96104XXC	GM96104	PWR96M104

GGB® is a registered trademark of GGB, Inc. of Thorofare, New Jersey. Polygon® is a trademark of Polygon Company of Walkerton, Indiana.

Solid Journal Bushings (SJB) - Bronze Interchange Tables - Metric



25 mm - 35 mm ID

Lubron® Part Number	Oiles® Part Number	Lubron® Part Number	Oiles® Part Number
SJM253312BSL	SPB-253312	SJM303825BSL	SPB-303825
SJM253315BSL	SPB-253315	SJM303830BSL	SPB-303830
SJM253316BSL	SPB-253316	SJM303835BSL	SPB-303835
SJM253320BSL	SPB-253320	SJM303840BSL	SPB-303840
SJM253325BSL	SPB-253325	SJM303850BSL	SPB-303850
SJM253335BSL	SPB-253335	SJM303860BSL	SPB-303860
SJM253340BSL	SPB-253340	SJM304012BSL	SPB-304012
SJM253350BSL	SPB-253350	SJM304015BSL	SPB-304015
SJM253350BSL	SPB-253350	SJM304020BSL	SPB-304020
SJM253360BSL	SPB-253360	SJM304025BSL	SPB-304025
SJM253512BSL	SPB-253512	SJM304030BSL	SPB-304030
SJM253515BSL	SPB-253515	SJM304035BSL	SPB-304035
SJM253516BSL	SPB-253516	SJM304040BSL	SPB-304040
SJM253520BSL	SPB-253520	SJM304050BSL	SPB-304050
SJM253520BSL	SPB-253520	SJM304060BSL	SPB-304060
SJM253525BSL	SPB-253525	SJM314030BSL	SPB-314030
SJM253530BSL	SPB-253530	SJM314040BSL	SPB-314040
SJM253535BSL	SPB-253535	SJM324032BSL	SPB-324032
SJM253540BSL	SPB-253540	SJM324040BSL	SPB-324040
SJM253550BSL	SPB-253550	SJM324220BSL	SPB-324220
SJM253560BSL	SPB-253560	SJM324230BSL	SPB-324230
SJM283624BSL	SPB-283624	SJM324240BSL	SPB-324240
SJM283820BSL	SPB-283820	SJM353330BSL	SPB-353330
SJM283825BSL	SPB-283825	SJM354420BSL	SPB-354420
SJM283830BSL	SPB-283830	SJM354425BSL	SPB-354425
SJM283840BSL	SPB-283840	SJM354430BSL	SPB-354430
SJM303812BSL	SPB-303812	SJM354435BSL	SPB-354435
SJM303815BSL	SPB-303815	SJM354440BSL	SPB-354440
SJM303820BSL	SPB-303820	SJM354450BSL	SPB-354450
		SJM354460BSL	SPB-354460

Oiles® is a registered trademark of Oiles Corporation of Tokyo, Japan

Solid Journal Bushings (SJB) - Bronze Interchange Tables - Metric



35 mm - 50 mm ID

Lubron® Part Number	Oiles® Part Number	Lubron® Part Number	Oiles® Part Number
SJM354520BSL	SPB-354520	SJM455635BSL	SPB-455635
SJM354530BSL	SPB-354530	SJM455640BSL	SPB-455640
SJM354535BSL	SPB-354535	SJM455650BSL	SPB-455650
SJM354540BSL	SPB-354540	SJM455660BSL	SPB-455660
SJM354545BSL	SPB-354545	SJM456030BSL	SPB-456030
SJM354550BSL	SPB-354550	SJM456035BSL	SPB-456035
SJM354560BSL	SPB-354560	SJM456040BSL	SPB-456040
SJM384840BSL	SPB-384840	SJM456050BSL	SPB-456050
SJM405015BSL	SPB-405015	SJM456060BSL	SPB-456060
SJM405020BSL	SPB-405020	SJM456070BSL	SPB-456070
SJM405025BSL	SPB-405025	SJM456080BSL	SPB-456080
SJM405030BSL	SPB-405030	SJM506020BSL	SPB-506020
SJM405035BSL	SPB-405035	SJM506030BSL	SPB-506030
SJM405040BSL	SPB-405040	SJM506035BSL	SPB-506035
SJM405050BSL	SPB-405050	SJM506040BSL	SPB-506040
SJM405060BSL	SPB-405060	SJM506050BSL	SPB-506050
SJM405070BSL	SPB-405070	SJM506060BSL	SPB-506060
SJM405080BSL	SPB-405080	SJM506080BSL	SPB-506080
SJM405515BSL	SPB-405515	SJM506230BSL	SPB-506230
SJM405530BSL	SPB-405530	SJM506235BSL	SPB-506235
SJM405535BSL	SPB-405535	SJM506240BSL	SPB-506240
SJM405540BSL	SPB-405540	SJM506250BSL	SPB-506250
SJM405550BSL	SPB-405550	SJM506260BSL	SPB-506260
SJM405560BSL	SPB-405560	SJM506270BSL	SPB-506270
SJM455530BSL	SPB-455530	SJM506280BSL	SPB-506280
SJM455535BSL	SPB-455535	SJM506530BSL	SPB-506530
SJM455540BSL	SPB-455540	SJM506540BSL	SPB-506540
SJM455550BSL	SPB-455550	SJM506550BSL	SPB-506550
SJM455560BSL	SPB-455560	SJM506560BSL	SPB-506560
SJM455630BSL	SPB-455630	SJM506570BSL	SPB-506570

Oiles® is a registered trademark of Oiles Corporation of Tokyo, Japan

Solid Journal Bushings (SJB) - Bronze Interchange Tables - Metric

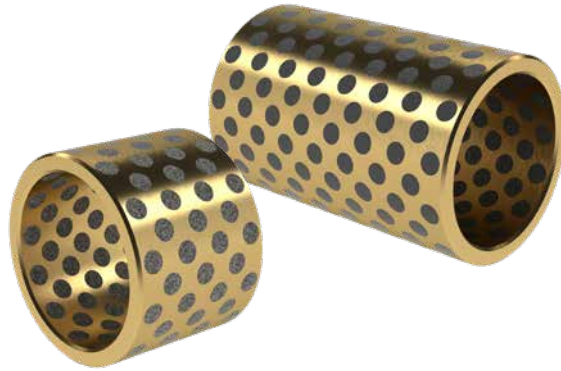


50 mm - 80 mm ID

Lubron® Part Number	Oiles® Part Number	Lubron® Part Number	Oiles® Part Number
SJM506580BSL	SPB-506580	SJM658070BSL	SPB-658070
SJM5065100BSL	SPB-5065100	SJM658080BSL	SPB-658080
SJM556070BSL	SPB-556070	SJM688050BSL	SPB-688050
SJM557030BSL	SPB-557030	SJM708530BSL	SPB-708530
SJM557035BSL	SPB-557035	SJM708535BSL	SPB-708535
SJM557040BSL	SPB-557040	SJM708540BSL	SPB-708540
SJM557050BSL	SPB-557050	SJM708550BSL	SPB-708550
SJM557060BSL	SPB-557060	SJM708560BSL	SPB-708560
SJM557070BSL	SPB-557070	SJM708570BSL	SPB-708570
SJM607430BSL	SPB-607430	SJM708580BSL	SPB-708580
SJM607435BSL	SPB-607435	SJM7085100BSL	SPB-7085100
SJM607440BSL	SPB-607440	SJM709050BSL	SPB-709050
SJM607450BSL	SPB-607450	SJM709060BSL	SPB-709060
SJM607460BSL	SPB-607460	SJM709070BSL	SPB-709070
SJM607470BSL	SPB-607470	SJM709080BSL	SPB-709080
SJM607480BSL	SPB-607480	SJM759050BSL	SPB-759050
SJM607530BSL	SPB-607530	SJM759060BSL	SPB-759060
SJM607535BSL	SPB-607535	SJM759070BSL	SPB-759070
SJM607540BSL	SPB-607540	SJM759080BSL	SPB-759080
SJM607550BSL	SPB-607550	SJM7590100BSL	SPB-7590100
SJM607560BSL	SPB-607560	SJM759560BSL	SPB-759560
SJM607570BSL	SPB-607570	SJM759570BSL	SPB-759570
SJM607580BSL	SPB-607580	SJM759580BSL	SPB-759580
SJM6075100BSL	SPB-6075100	SJM7595100BSL	SPB-7595100
SJM637560BSL	SPB-637560	SJM809640BSL	SPB-809640
SJM637570BSL	SPB-637570	SJM809650BSL	SPB-809650
SJM637580BSL	SPB-637580	SJM809660BSL	SPB-809660
SJM658040BSL	SPB-658040	SJM809670BSL	SPB-809670
SJM658060BSL	SPB-658060	SJM809680BSL	SPB-809680

Oiles® is a registered trademark of Oiles Corporation of Tokyo, Japan

Solid Journal Bushings (SJB) - Bronze Interchange Tables - Metric

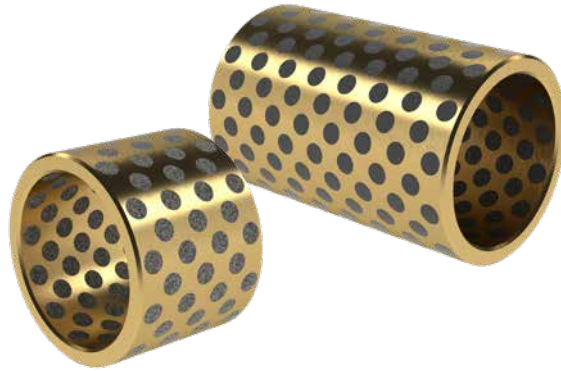


80 mm- 200 mm ID

Lubron® Part Number	Oiles® Part Number	Lubron® Part Number	Oiles® Part Number
SJM8096100BSL	SPB-8096100	SJM110130100BSL	SPB-110130100
SJM8096120BSL	SPB-8096120	SJM110130120BSL	SPB-110130120
SJM8010040BSL	SPB-8010040	SJM12014070BSL	SPB-12014070
SJM8010050BSL	SPB-8010050	SJM12014080BSL	SPB-12014080
SJM8010060BSL	SPB-8010060	SJM12014090BSL	SPB-12014090
SJM8010070BSL	SPB-8010070	SJM120140100BSL	SPB-120140100
SJM8010080BSL	SPB-8010080	SJM120140120BSL	SPB-120140120
SJM80100100BSL	SPB-80100100	SJM120140140BSL	SPB-120140140
SJM80100120BSL	SPB-80100120	SJM125145100BSL	SPB-125145100
SJM80100140BSL	SPB-80100140	SJM125145120BSL	SPB-125145120
SJM8510060BSL	SPB-8510060	SJM13015080BSL	SPB-13015080
SJM8510080BSL	SPB-8510080	SJM130150100BSL	SPB-130150100
SJM9011050BSL	SPB-9011050	SJM130150130BSL	SPB-130150130
SJM9011060BSL	SPB-9011060	SJM140160100BSL	SPB-140160100
SJM9011080BSL	SPB-9011080	SJM140160140BSL	SPB-140160140
SJM9011090BSL	SPB-9011090	SJM15017080BSL	SPB-15017080
SJM90110100BSL	SPB-90110100	SJM150170100BSL	SPB-150170100
SJM90110120BSL	SPB-90110120	SJM150170150BSL	SPB-150170150
SJM10012050BSL	SPB-10012050	SJM16018080BSL	SPB-16018080
SJM10012060BSL	SPB-10012060	SJM160180100BSL	SPB-160180100
SJM10012070BSL	SPB-10012070	SJM160180150BSL	SPB-160180150
SJM10012080BSL	SPB-10012080	SJM170190100BSL	SPB-170190100
SJM10012090BSL	SPB-10012090	SJM170190150BSL	SPB-170190150
SJM100120100BSL	SPB-100120100	SJM180200100BSL	SPB-180200100
SJM100120120BSL	SPB-100120120	SJM180200150BSL	SPB-180200150
SJM100120140BSL	SPB-100120140	SJM190210100BSL	SPB-190210100
SJM11013050BSL	SPB-11013050	SJM190210150BSL	SPB-190210150
SJM11013070BSL	SPB-11013070	SJM200230200BSL	SPB-200230200
SJM11013080BSL	SPB-11013080		

Oiles® is a registered trademark of Oiles Corporation of Tokyo, Japan

Solid Journal Bushings (SJBF) - Bronze Interchange Tables - Imperial

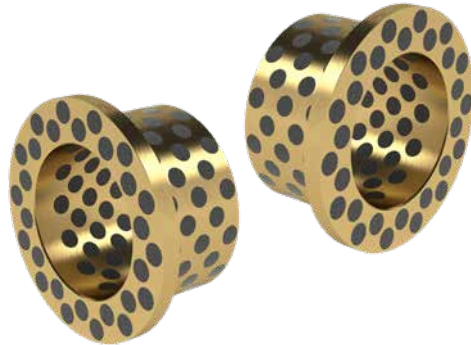


1.00" - 5.00" ID

Lubron® Part Number	Oiles® Part Number	Lubron® Part Number	Oiles® Part Number
SJB162212	SPBN-162212	SJB324032	SPBN-324032
SJB162216	SPBN-162216	SJB324040	SPBN-324040
SJB162220	SPBN-162220	SJB324048	SPBN-324048
SJB162224	SPBN-162224	SJB364424	SPBN-364424
SJB162228	SPBN-162228	SJB364432	SPBN-364432
SJB162232	SPBN-162232	SJB364440	SPBN-364440
SJB162412	SPBN-162412	SJB364448	SPBN-364448
SJB162416	SPBN-162416	SJB404824	SPBN-404824
SJB162424	SPBN-162424	SJB404832	SPBN-404832
SJB162432	SPBN-162432	SJB404848	SPBN-404848
SJB202616	SPBN-202616	SJB445424	SPBN-445424
SJB202620	SPBN-202620	SJB445432	SPBN-445432
SJB202624	SPBN-202624	SJB445440	SPBN-445440
SJB202628	SPBN-202628	SJB445448	SPBN-445448
SJB202632	SPBN-202632	SJB485832	SPBN-485832
SJB243216	SPBN-243216	SJB485840	SPBN-485840
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SJB243224	SPBN-243224	SJB485856	SPBN-485856
SJB243228	SPBN-243228	SJB566632	SPBN-566632
SJB243232	SPBN-243232	SJB566648	SPBN-566648
SJB283620	SPBN-283620	SJB566664	SPBN-566664
SJB283624	SPBN-283624	SJB647632	SPBN-647632
SJB283628	SPBN-283628	SJB647648	SPBN-647648
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SJB283640	SPBN-283640	SJB728648	SPBN-728648
SJB283648	SPBN-283648	SJB728664	SPBN-728664
SJB283656	SPBN-283656	SJB728680	SPBN-728680
SJB283664	SPBN-283664	SJB809648	SPBN-809648
SJB324020	SPBN-324020	SJB809664	SPBN-809664
SJB324024	SPBN-324024	SJB809680	SPBN-809680

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Solid Journal Flange Bushings (SJMF) - Bronze Metric Interchange Tables



25 mm- 160 mm ID

Lubron® Part Number	Oiles® Part Number	Lubron® Part Number	Oiles® Part Number
SJMF253515BSL	SPF-2515	SJMF506030BSL	SPF-5030
SJMF253520BSL	SPF-2520	SJMF506035BSL	SPF-5035
SJMF253525BSL	SPF-2525	SJMF506040BSL	SPF-5040
SJMF253530BSL	SPF-2530	SJMF506050BSL	SPF-5050
SJMF253535BSL	SPF-2535	SJMF506060BSL	SPF-5060
SJMF253540BSL	SPF-2540	SJMF556540BSL	SPF-5540
SJMF253550BSL	SPF-2550	SJMF556560BSL	SPF-5560
SJMF304020BSL	SPF-3020	SJMF607540BSL	SPF-6040
SJMF304025BSL	SPF-3025	SJMF607550BSL	SPF-6050
SJMF304030BSL	SPF-3030	SJMF607560BSL	SPF-6060
SJMF304035BSL	SPF-3035	SJMF607580BSL	SPF-6080
SJMF304040BSL	SPF-3040	SJMF637567BSL	SPF-6367
SJMF304050BSL	SPF-3050	SJMF658060BSL	SPF-6560
SJMF314020BSL	SPF-3120	SJMF708550BSL	SPF-7050
SJMF314030BSL	SPF-3130	SJMF708580BSL	SPF-7080
SJMF314035BSL	SPF-3135	SJMF759060BSL	SPF-7560
SJMF314040BSL	SPF-3140	SJMF8010060BSL	SPF-8060
SJMF354520BSL	SPF-3520	SJMF8010080BSL	SPF-8080
SJMF354525BSL	SPF-3525	SJMF80100100BSL	SPF-80100
SJMF354530BSL	SPF-3530	SJMF9011060BSL	SPF-9060
SJMF354535BSL	SPF-3535	SJMF9011080BSL	SPF-9080
SJMF354540BSL	SPF-3540	SJMF10012080BSL	SPF-10080
SJMF354550BSL	SPF-3550	SJMF100120100BSL	SPF-100100
SJMF405020BSL	SPF-4020	SJMF12014080BSL	SPF-12080
SJMF405025BSL	SPF-4025	SJMF120140100BSL	SPF-120100
SJMF405030BSL	SPF-4030	SJMF13015080BSL	SPF-13080
SJMF405035BSL	SPF-4035	SJMF130150100BSL	SPF-130100
SJMF405040BSL	SPF-4040	SJMF14016080BSL	SPF-14080
SJMF405050BSL	SPF-4050	SJMF140160100BSL	SPF-140100
SJMF455530BSL	SPF-4530	SJMF150170100BSL	SPF-150100
SJMF455535BSL	SPF-4535	SJMF150170120BSL	SPF-150120
SJMF455540BSL	SPF-4540	SJMF160180100BSL	SPF-160100
SJMF455550BSL	SPF-4550	SJMF160180120BSL	SPF-160120
SJMF455560BSL	SPF-4560		

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RBC Bearings® has been producing bearings in the USA since 1919. In addition to unique custom bearings, RBC Bearings® offers a full line of standard industrial and aerospace bearings, including:



Tapered Roller Thrust Bearings

Case-hardened tapered roller thrust bearings for oilfield top drives and swivels. Available in full complement, maximum capacity versions.



Thin Section Ball Bearings

Standard cross sections to one inch. Bore sizes to 40 inches. Stainless steel and other materials are available. Seals are available on all sizes and standard cross sections. Super duplex configurations.



Cam Followers

Standard stud, heavy stud, yoke type, caged roller followers. Patented RBC Roller® cylindrical roller cam followers, HexLube® universal cam followers, airframe track rollers.



Cylindrical Roller Bearings

Cylindrical roller bearings designed for mud pump pinion and eccentric positions. Fully interchangeable to industry standards.



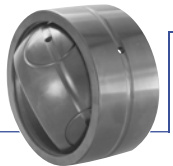
Needle Roller Bearings

Pitchlign® caged heavy duty needle roller bearings ideal for cross head bearings applications. These double row bearings are available in single row and TandemRoller® versions.



Commercial Rod Ends

Commercial and industrial, precision, Mil-Spec series, self-lubricating, and aircraft. Sold under the Heim®, Unibal®, and Spherco® names. Available in inch and metric sizes.



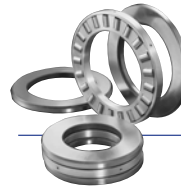
Spherical Plain Bearings

Radial, angular contact, extended inner ring, high misalignment. QuadLube®, ImpactTuff®, SpreadLock® Seal, CrossLube®, DuraLube™, and self-lubricating bearings. Available in inch and metric sizes.



Tapered Roller Bearings

Single, double, & multi row versions available for main bearing positions in mud pumps, gear boxes, etc. Bearings are constructed of case hardened steel washers and rollers with bore size of 11" or greater.



TP Series Bearings

RBC Bearings® TP Series cylindrical roller thrust bearings ideal for crane hooks, oil well swivels, winch systems, and gear boxes. Fully interchangeable with industry standard offering.



Keyless Locking Devices

Mechanical bushings used to connect power transmission components onto rotating shafts. Without the use of keyways, KLDs eliminate the problems associated with backlash including fretting, corroding, and wallowing.



Lubron® Bearings

Lubron® self-lubricating bearings designed and custom manufactured in most any size, material and bearing configuration. Applications include hydro power and water control, nuclear power generation, infrastructure, architecture, offshore marine, industrial, machinery and heavy equipment.



Shaft Collars

Used to position or locate a component on a shaft. Made from mild steel, type 303 or 316 stainless steel, aluminum, or acetal. Available in inch and metric sizes.



Self-Lubricating Bearings

Radial, thrust, rod ends, spherical bearings, high temperature, high loads. Available in inch and metric sizes. Fiberglide® self-lubricating bearings.



Rigid Couplings

Shaft couplings serve as components to time, join, or align shafts at lower speeds and torque, especially when zero backlash is desired. Made from mild steel with a black oxide finish type 303 stainless steel, or aluminum. Available in inch and metric sizes.



Specials

RBC Bearings® manufactures many specialty bearings for the aerospace, oil and energy, semiconductor equipment, packaging, transportation, and other industries.



Ball Bearings

Precision ground, semiground, unground. High loads, long life, smooth operation. Nice® branded products are offered in caged and full complement configurations.



PIC Design

Complete line of precision gears, precision hardware, timing belts, pulleys, and linear motion systems. Industries served include industrial, aerospace, defense, medical, robotics and automation, material handling, and assembly. Custom design support for unique applications.