

NICE®

SRM Series™ Precision Machined Ball Bearings



SRM



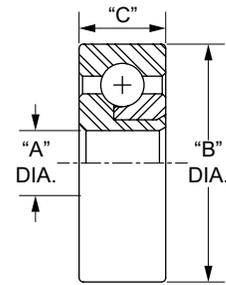
FSRM

NICE® SRM Series™

Precision Machined Single Row Ball Bearings

Features:

- Nominal Inch Dimensioned
- Precision Machined and Heat Treated for Long Life
- Zinc Plated for Corrosion Protection
- Full Complement Construction
- Designed for Light Loads and Speeds up to 1,200 RPM



NICE® PART NUMBER	BASIC DIMENSIONS						
	Kilian®	The General®	BORE	DIAMETER	WIDTH	LOAD RATING	WEIGHT
			+0.005 -0.000	+0.000 -0.005	+0.010 -0.010	lbs.	lbs.
A	B	C					
SRM032204	SR-253	21100-01	0.188	0.687	0.250	330	0.019
SRM042804	SR-267	21404-01	0.250	0.875	0.250	403	0.031
SRM052804	SR-268	21482-01	0.312	0.875	0.250	425	0.029
SRM062804	SR-269	21481-01	0.375	0.875	0.250	445	0.028
SRM072804	-	21485-01	0.437	0.875	0.250	445	0.025
SRM053005	SR-280-1	21518-01	0.312	0.937	0.312	445	0.043
SRM063005	SR-281	21517-01	0.375	0.937	0.312	445	0.041
SRM043205	SR-290	21603-01	0.250	1.000	0.312	531	0.052
SRM063205	-	21604-01	0.375	1.000	0.312	553	0.047
SRM043404	SR-311	21710-01	0.250	1.062	0.250	568	0.047
SRM053406	SR-314	21737-01	0.312	1.062	0.375	602	0.068
SRM063406	SR-315	21715-01	0.375	1.062	0.375	635	0.065
SRM073406	-	21709-01	0.437	1.062	0.375	635	0.062
SRM054105	-	22107-01	0.313	1.281	0.312	788	0.085
SRM084105	SR-347	22108-01	0.500	1.281	0.312	880	0.076
SRM084807	SR-500	22405-01	0.500	1.500	0.437	1328	0.154
SRM104807	SR-503	22407-01	0.625	1.500	0.437	1328	0.143
SRM125208	SR-620	22603-01	0.750	1.625	0.375	1478	0.143
SRM125408	-	-	0.750	1.687	0.500	1478	0.143
SRM085609	-	22801-01	0.500	1.750	0.563	1400	0.279
SRM125609	-	22807-01	0.750	1.750	0.563	1550	0.248
SRM146008	-	23011-01	0.875	1.875	0.500	1615	0.242
SRM166408	-	23210-01	1.000	2.000	0.500	1737	0.264

Common Applications:

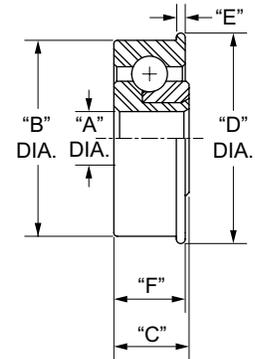
- ✓ Packaging Equipment
- ✓ Appliances/Consumer Products
- ✓ Light Duty Gear Drives
- ✓ Lawn and Garden Equipment
- ✓ Industrial Machinery

Kilian® is a registered trademark of Kilian Manufacturing Corporation. The General® and General Bearing Corporation® are registered trademarks of General Bearing Corporation.

Precision Machined Flanged Single Row Ball Bearings

Features:

- Nominal Inch Dimensioned
- Flanged for Ease of Mounting
- Precision Machined and Heat Treated for Durability
- Zinc Plated for Corrosion Protection
- Full Complement Construction
- Designed for Light Loads and Speeds up to 1,200 RPM



NICE® PART NUMBER	Kilian®	The General®	BASIC DIMENSIONS							
			BORE	OUTSIDE DIA.	INNER RING WIDTH	FLANGE OUTSIDE DIA.	FLANGE THICKNESS	OUTER RING WIDTH	LOAD RATING	WEIGHT
			+0.005 -0.000	+0.005 -0.000	+0.010 -0.010	+0.005 -0.005	+0.005 -0.005	+0.005 -0.005	lbs.	lbs.
A	B	C	D	E	F					
FSRM042205	F-150	31206-01	0.250	0.687	0.312	0.807	0.046	0.250	330	0.023
FSRM042805	-	31622-01	0.250	0.875	0.312	0.995	0.046	0.250	403	0.038
FSRM052805	F-165	31623-01	0.313	0.875	0.312	0.995	0.046	0.250	425	0.036
FSRM063608	F-300-19	32004-01	0.375	1.125	0.500	1.245	0.062	0.375	635	0.086
FSRM063407	F250-2	-	0.375	1.062	0.437	1.182	0.062	0.375	635	0.076
FSRM073407	F-250	-	0.437	1.062	0.437	1.182	0.062	0.375	635	0.072
FSRM083608	F-300	32018-01	0.500	1.125	0.500	1.245	0.062	0.375	635	0.072
FSRM084408	F-350-12	32420-01	0.501	1.373	0.500	1.500	0.062	0.437	850	0.120
FSRM084811	-	32703-01	0.500	1.495	0.687	1.620	0.062	0.625	1328	0.242
FSRM104408	F-350-13	32421-01	0.626	1.373	0.500	1.500	0.062	0.437	850	0.150
FSRM104807/1	-	32704-01	0.625	1.500	0.484	1.620	0.062	0.437	1328	0.158
FSRM085610	-	33006-01	0.500	1.750	0.625	1.870	0.062	0.562	1400	0.309
FSRM125609/1	F-750	33103-01	0.750	1.750	0.625	1.870	0.062	0.562	1550	0.254
FSRM166409	F-1000-4	33409-01	1.001	1.998	0.562	2.125	0.062	0.500	1550	0.260

Common Applications:

- ✓ Material Handling/Conveyors
- ✓ Packaging Equipment
- ✓ Appliances
- ✓ Printing/Labeling Equipment
- ✓ Lawn and Garden Equipment
- ✓ Industrial Machinery

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

Pitchline® 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.



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.



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.



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.