

# SRG

## Magneto Bearing



### SRG BEARINGS

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## About us 公司简介

SRG Bearings is an internationally renowned bearing brand belonging to SRG GROUP LIMITED. It is a bearing factory that integrates bearing production, research and development, and export. We mainly provide roller and ball bearings.

SRG Bearing Factory was established in 1997 and is located in Liaocheng City, Shandong Province. It is a long-standing bearing production enterprise. We have 120 CNC machine tools, 6 bearing processing production lines, and can independently complete bearing production, assembly, precision grinding, heat treatment, and other processes. The inner bore size range is from 3mm to 6.5m, and the weight range is from 10.5g to 2.6 tons.

Our main products include:

Miniature and medium-sized deep groove ball bearings

Double row self-aligning roller bearings

Four-row heavy-duty cylindrical roller bearings

Self-aligning roller bearings

Thrust ball bearings, thrust ball and roller bearings

Single and double row tapered roller bearings

Needle roller bearings

High-precision spindle bearings

Pillow block bearings, shaft sleeves, steel balls

Technical support

Maintenance and repair

Product training

SRG bearings are widely used in railways, mines, machinery, automobiles, ships, metallurgy, petroleum, electricity, agriculture, textile, and aviation industries.

SRG products have been sold to Europe, Asia, America, and Southeast Asia, which are our most important markets. We have spent a lot of time developing new products while also producing high-quality products. We are popular both domestically and internationally.

We welcome your inquiries and look forward to future cooperation.

## Product introduction

Magneto bearings are a special type of deep groove ball bearings, with a shallower inner race groove than deep groove bearings and no shoulder on one side of the outer race. The inner diameter of the



outer ring on the non-shouldered side forms a cylindrical surface from the bottom of the rolling element raceway. The outer ring can be separated for ease of installation.

Typically, two of these bearings are used together in a paired installation (sometimes called a "duplex pair").



## Bearing Cage:

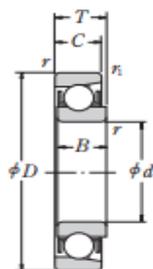
Magneto bearings are small bearings with inner diameters ranging from 4 to 20 millimeters, with a standard pressed brass cage but can use machined synthetic resin cages for high-speed rotation.



## Features:

- Unique design:** Magneto bearings have a shallower inner race groove and a counter-bored outer ring compared to deep groove ball bearings.
- Easy to install:** The separable outer ring helps to simplify installation.
- Applications:** Carrying/transportation equipment, agricultural machinery gearboxes.





Outside Diameter Tolerance (Class N)

Units :  $\mu\text{m}$

Nominal Outside Diameter D (mm)	Single Plane Mean Outside Diameter $\Delta D_{\text{SPP}}$					
	E Series		EN Series			
	Over	Incl.	High	Low	High	Low
—	10		+ 8	0	0	- 8
10	18		+ 8	0	0	- 8
18	30		+ 9	0	0	- 9
30	50		+11	0	0	-11

Consolidated	Dimensions			Approx. Wgt.	FAG SKF STEYR	FED	MRC NH	ND	RHP	RIV
	d	D	B							
E-3	3	16	5	0.020	E3	-	-	-	-	N 3
E-4	4	16	5	0.020	E4	-	E-5-4	ND5-4	-	N 4
E-5	5	16	5	0.020	E5	FB-5	E-5	ND 5	EN 5	N 5
E-6	6	21	7	0.030	E6	-	-	-	EN 6	N 6
E-7	7	22	7	0.030	E7	-	-	-	EN 7	N 7
E-8	8	24	7	0.040	E8	FB-8	E-8	ND8	EN 8	N 8
E-9	9	28	8	0.060	E9	FB-9	E-9	ND10-9	EN 9	N 9
E-10	10	28	8	0.050	E10	FB-10	E-10	ND10	EN 10	N 10
E-11	11	32	7	0.070	E11	FB-11	E-11	ND12-11	EN 11	N 11
E-12	12	32	7	0.070	E12	FB-12	E-12	ND12	EN 12	N 12
E-13	13	30	7	0.050	E13	FB-13	E-13	ND13	EN 13	N 13
E-14	14	35	8	0.080	E14	FB-14	E-14	-	EN 14	N 14
E-15	15	35	8	0.080	E15	FB-15	E-15B	ND15	EN 15	N 15
BO-15	15	40	10	0.130	BO15	FBB-15	-	-	-	10 M
E-16	16	38	10	0.110	E16	FB-16	E-16	ND16	EN 16	N 16
E-17	17	44	11	0.190	E17	FB-17	E-17	ND17	EN 17	N 17
EA-17	17	44	10	0.160	EA17	-	E-17-10	ND17F	-	2003a
BO-17	17	44	11	0.170	BO17	-	M-17	-	-	N 17
L-17	17	40	10	0.130	L17	FBL-17	L-17	ND17H	-	7828
E-18	18	40	9	0.110	E18	-	E-18	-	EN 18	N 18
E-19	19	40	9	0.110	E19	FB-19	E-19	-	EN 19	N 19
E-20	20	47	12	0.200	E20	-	A-20	-	EN 20	N 20
L-20	20	47	14	0.220	L20	FBL-20	L-20	ND20	-	8406
M-20	20	52	15	0.310	M20	FBM-20	M-20	-	-	2046
L-25	25	52	15	0.270	L25	FBL-25	L-25	ND25	-	7704
M-25	25	62	17	0.490	M25	-	-	-	-	2047
L-30	30	62	16	0.470	L30	-	L-30	-	-	-