

PART NUMBERING

Part Numbering System

EXAMPLE: SSRI-418ZZEERA7P25LO
RIF-1438FA7P13LG49U

GROUP 1	GROUP 2	GROUP 3	GROUP 4	GROUP 5
MATERIAL	TYPE	BASIC SIZE	SEAL & SHIELDS	MODIFICATIONS
SS	RI RIF	1214 18	ZZ 	EE
<p>SS=AISI Stainless Steel (440C)</p> <p>No Code=Chrome alloy steel (52100)</p> <p>CER=Ceramic (Si₃N₄) Ball with Stainless Steel rings</p> <p>CER-CER=All Ceramic (Si₃N₄) Rings and Balls</p> <p>MP35N=Cobalt Based Alloy Rings with Ceramic (Si₃N₄) Balls</p>	<p>RI=RADIAL</p> <p>RIF=Flange radial</p> <p>F=Flanged, tapered O.D</p> <p>FR= Duplex pair with one flanged and one unflanged bearing</p> <p>ACI=Inner ring relieved and separable</p> <p>ACO=Outer ring relieved, and non-separable</p>	<p>Inch Series</p> <p>First one or two digits indicates O.D. in 16ths of an inch. The following two or three digits indicate the bore size in a fraction of an inch, the first digit being the numerator and the second of the second and third digits being the denominator.</p> <p>Metric Series First two digits indicate O.D. in mm. Second two digits indicate I.D. in mm.</p>	<p>Enclosures</p> <p>Z=Single metallic shield-removable</p> <p>ZZ=Double metallic shield-removable</p> <p>RS=Single rubber seal</p> <p>2RS=Double rubber seal</p> <p>V=Single viton seal</p> <p>VV=Double viton seal</p> <p>L=Single glass reinforced PTFE seal</p> <p>S=Single rubber seal, non-contact</p> <p>SS=Double rubber seal, non-contact</p> <p>2L=Glass reinforced PTFE seal(s), lip riding</p>	<p>Extended Inner Ring</p> <p>EE=Both sides</p> <p>E=One side</p> <p>W=Wider than standard width</p>
GROUP 6	GROUP 7	GROUP 8	GROUP 9	GROUP 10
DUPLEX PAIRS	CAGE	ABEC TOLERANCE	RADIAL PLAY	LUBRICANT
	H F	A5 A7	P25 P13	LO2 LG49
<p>Duplex</p> <p>DB=Back-to-back configuration</p> <p>DF=Face-to-face configuration</p> <p>DT=Tandem configuration</p> <p>DU=Universal duplex</p> <p>Numbers after indicate preload in LBS.</p>	<p>F=Full ball complement</p> <p>H=Crown, land piloted</p> <p>K=Phenolic, linen base</p> <p>RU=Rulon</p> <p>M=Meldon</p> <p>N=Nylon</p> <p>T=Torlon</p> <p>TF=Teflon</p>	<p>A1=ABEC 1*</p> <p>A3=ABEC 3, 3P</p> <p>A5=ABEC 5, 5P, 5T</p> <p>A7=ABEC 7, 7P, 7T</p> <p>A9=ABEC 9, 9P</p>	<p>P=Followed by two, three, or four numbers indicates the radial play limits in ten thousandths of an inch.</p> <p>Example: P25 indicates radial play of .002" to .0005".</p>	<p>Lubricant letter codes are followed by a number to indicate specific type.</p> <p>BC=following lubricant code indicates barrier coating</p> <p>LB=Mixture of oil and solvent</p> <p>DL=Dry-no lubrication</p> <p>LG=Greases</p> <p>LO=Oils</p>

IMPORTANT NOTE:

Please consult a member of the Impact Bearing Engineering Staff to help custom and design bearings.