

**order part RF-830ZZRA5P24LY Miniature  
Ball Bearings Metric Bearing Series**



**Metric Bearing Series**

## Detailed Specifications

<b>Metric:</b>	Flanged Shielded
<b>Bore Diameter:</b>	3[mm]
<b>Outside Diameter:</b>	8[mm]
<b>Width:</b>	4[mm]
<b>Bore Diameter:</b>	0.1181[in]
<b>Outside Diameter:</b>	0.315[in]
<b>Width:</b>	0.1575[in]
<b>Flange Diameter (D1):</b>	9.5[mm]
<b>Flange Width (C1):</b>	0.9[mm]
<b>Fillet Radius (rsmin):</b>	0.15[mm]
<b>Reference Diameter Inner (Li):</b>	4.1[mm]
<b>Reference Diameter Outer (Lo):</b>	7.19[mm]
<b>Ball Size (DW):</b>	1.588[mm]
<b>Ball Complement (Z):</b>	6
<b>Dynamic Load Rating (Cr):</b>	553[N]
<b>Static Load Rating (Cor):</b>	176[N]
<b>ISO/JIS Number:</b>	F693ZZ
<b>Flange Diameter (D1):</b>	0.374[in]
<b>Flange Width (C1):</b>	0.0354[in]
<b>Fillet Radius (rsmin):</b>	0.006[in]
<b>Reference Diameter Inner (Li):</b>	0.161[in]
<b>Reference Diameter Outer (Lo):</b>	0.283[in]
<b>Ball Size (DW):</b>	0.0625[in]
<b>Dynamic Load Rating Cr:</b>	553[N]
<b>Static Load Rating Cor:</b>	176[N]