

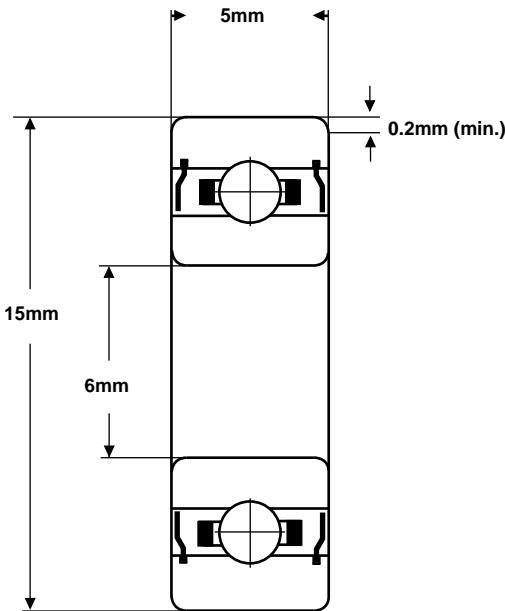
# SMB Bearings

# Radial Ball Bearing

Part Number: 696ZZ



(for illustration only)



Material (rings & balls)	SAE52100 chrome steel
Material (cage)	pressed steel
Closures	Metal shields
Load rating (stat)	52 Kgf
Load rating (dyn)	134 Kgf
Speed Limit *	40,000 rpm
Standard Lubrication **	Kyodo Yushi Multemp SRL grease

\* with adequate lubrication

\*\* may vary

**These bearings comply with EU ROHS and REACH regulations.**

<b>RADIAL PLAY</b>	<b>MC1</b>	<b>MC2</b>	<b>MC3</b>	<b>MC4</b>	<b>MC5</b>	<b>MC6</b>
(microns)	0 - 5	3 - 8	5 - 10	8 - 13	13 - 20	20 - 28

<b>TOLERANCE</b>	<b>P0</b>	<b>P6</b>	<b>P5</b>
<b>Bore Deviation</b>	+0 / -0.008mm	+0 / -0.007mm	+0 / -0.005mm
<b>OD Deviation</b>	+0 / -0.008mm	+0 / -0.007mm	+0 / -0.005mm
<b>Width Deviation</b>	+0 / -0.400mm	+0 / -0.400mm	+0 / -0.040mm
<b>Bore Variation</b>	10	9	5
<b>OD Variation</b>	10	9	5
<b>Width Variation</b>	12	12	5
<b>Inner Radial Runout</b>	10	5	4
<b>Outer Radial Runout</b>	15	8	5

SMB Bearings take no responsibility for any errors or omissions in this data sheet. We reserve the right to change specifications without prior notice. We recommend that adequate testing is carried out on products before they are determined as suitable for an application.