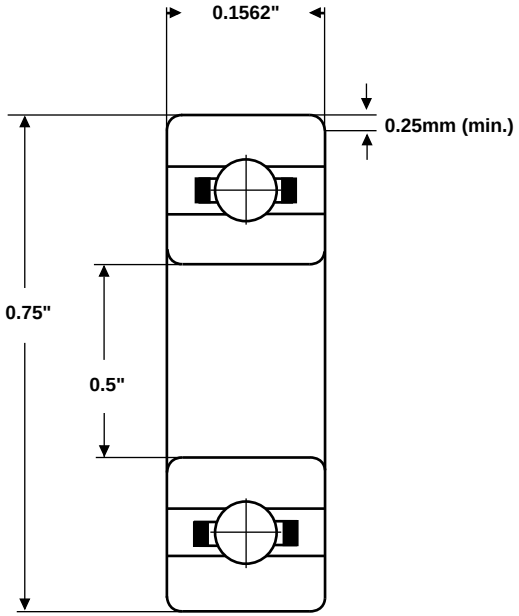
SMB Bearings

Radial Ball Bearing

Part Number: R1212

for illustration only



Material (rings & balls)	SAE52100 chrome steel
Material (cage)	pressed steel
Closures	None
Load rating (stat)	45 Kgf
Load rating (dyn)	78 Kgf
Speed Limit *	14,000 rpm
Standard Lubrication **	Aeroshell Fluid 12 oil

* with adequate lubrication
** may vary

These bearings comply with EU ROHS and REACH regulations.

RADIAL PLAY	C2	CN	C3	C4
(microns)	0 -10	5 - 20	13 - 28	20 - 36

TOLERANCE	P0	P6	P5
Bore Deviation	+0 / -0.010mm	+0 / -0.008mm	+0 / -0.006mm
OD Deviation	+0 / -0.011mm	+0 / -0.009mm	+0 / -0.007mm
Width Deviation	+0 / -0.120mm	+0 / -0.120mm	+0 / -0.080mm
Single Bore Variation	10	8	5
Single OD Variation	16	13	5
Inner Width Variation	20	20	5
Outer Width Variation	20	20	5
Inner Radial Runout	13	8	4
Outer Radial Runout	20	10	7

SMB Bearings take no responsibilty 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.