

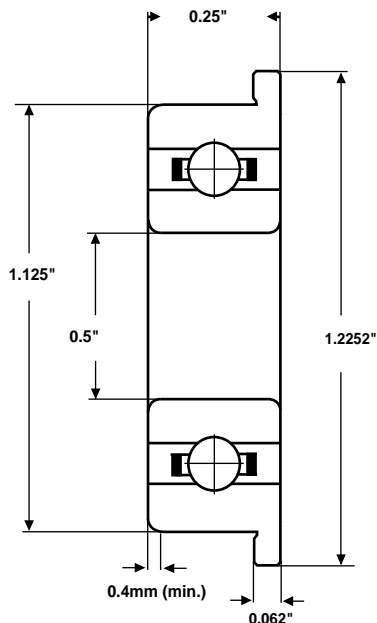
SMB Bearings

Radial Ball Bearing

Part Number: SFR8



(representation only)



Material (rings & balls)	KS440 / AISI-440C stainless steel
Material (cage)	AISI-304 stainless steel
Closures	None
Load rating (stat)	181 Kgf
Load rating (dyn)	409 Kgf
Speed Limit *	32,000 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 - 9	3 - 18	11 - 25	18 - 33

TOLERANCE	P0	P6	P5
Bore Deviation	+0 / -0.008mm	+0 / -0.007mm	+0 / -0.005mm
OD Deviation	+0 / -0.009mm	+0 / -0.008mm	+0 / -0.006mm
Width Deviation	+0 / -0.120mm	+0 / -0.120mm	+0 / -0.040mm
Single Bore Variation	8	7	4
Single OD Variation	9	8	5
Inner Width Variation	20	20	5
Outer Width Variation	20	20	5
Inner Radial Runout	10	7	4
Outer Radial Runout	15	9	6
Flange OD Deviation	+0.125/-0.05mm	+0.125/-0.05mm	+0 / -0.025mm
Fl. Width Deviation	+0 / -0.05mm	+0 / -0.05mm	+0 / -0.05mm

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.