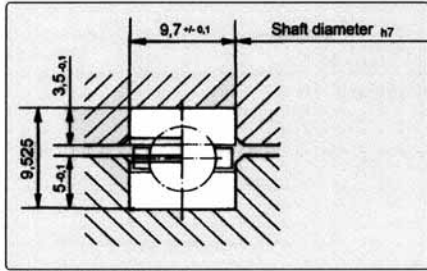
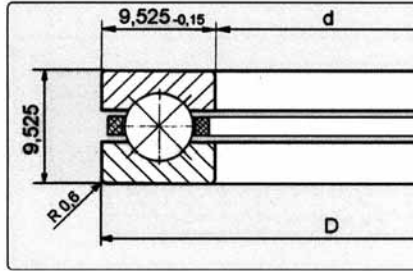


Split Bearing - Slim ball thrust bearing type



Fitted dimensions



R4209



Material

Corrosion resistant, hardened steel bearing ring and balls 1,4304.
Ball cage - polyamide 12 plastic.

Technical Notes

Metric preferred sizes.



Order No.	d mm	d (inches)	D	Max. dyn. load C _a kN	Max. dyn. load C _{0a} kN	Kg
PBAC 0195	195	185,5	204,5	18,8	87,0	0,30
PBAC 0260	260	250,5	269,5	21,3	118,8	0,40
PBAC 0295	295	285,5	304,5	22,1	134,2	0,48
PBAC 0395	395	385,5	404,5	24,8	182,6	0,62
PBAC 0520	520	510,5	529,5	27,8	240,9	0,82
PBAC 0690	690	680,5	699,5	30,3	319,0	1,10
PBAC 0720	720	710,5	729,5	30,8	334,4	1,15
PBAC 0722	722	712,5	731,5	30,8	335,5	1,16
PBAC 0875	875	731,5	884,5	32,8	405,9	1,40
PBAC 0880	880	870,5	889,5	33,0	408,1	1,41
PBAC 1090	1090	1080,5	1099,5	35,8	507,1	1,74
PBAC 1230	1230	1220,5	1239,5	37,4	573,1	1,97
PBAC 1410	1410	1400,5	1419,5	39,6	655,6	2,26
PBAC 1520	1520	1510,5	1529,5	40,7	708,4	2,44
PBAC 1770	1770	1760,5	1779,5	42,9	826,1	2,84

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Ball Thrust Bearings R4208-09

Overview



Axial Thrust Bearing

Description

- ⊙ The ball thrust bearing is equal in cross section to the slim bearing of type series PBAC.
- ⊙ Due to the four contact points (pressure angle 90°), the ball thrust bearing has a very high axial strength compared to the small crosssection.
- ⊙ The ball bearing of the type series PBAC and PBXC are resistant to corrosion, ie: the hardened bearing rings and balls are made of bearing steel 1,4034. The cage is made of polyamide 12 plastic.
- ⊙ The temperature limits of the standard bearing in continuous operation are -40°C and +100°C, and for short periods up to 120°C. A compatible ball cage made of PTFE is available for higher working temperatures.

Features

- ⊙ Free choice of material for adjoining structure, e.g: aluminium. Due to the splitted bearing rings, there is no difficulty from differential expansion.
- ⊙ Corrosion resistant, (due to choice of material of the bearing rings).
- ⊙ Low maintenance.
- ⊙ High static and dynamic strength.
- ⊙ Long service life.
- ⊙ Great stiffness, (due higher quantity of larger balls).
- ⊙ Low bearing weight.
- ⊙ Easy to fit.
- ⊙ Economic installation, no special tools required.
- ⊙ Optimum price/ performance ratio.

ROTARY OTHER

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