



R4208



Material

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

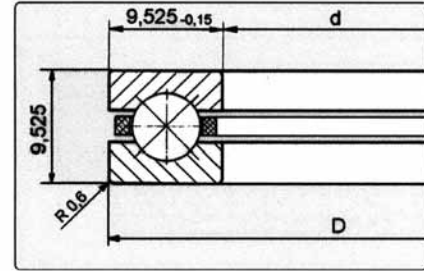
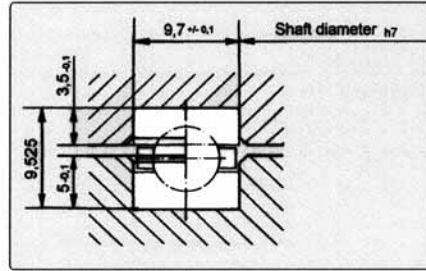
Technical Notes

Preferred sizes.



Split Bearing - Slim

ball thrust bearing type



Fitted dimensions

Order No.	d mm	d (inches)	D	Max. dyn. load C _a kN	Max. dyn. load C _{0a} kN	Kg
PBAC 070	177,80	7	196,85	20,4	97,4	0,30
PBAC 075	190,50	7½	209,55	20,9	104,0	0,32
PBAC 080	203,20	8	222,25	21,4	110,6	0,34
PBAC 085	215,90	8½	234,95	21,9	117,2	0,36
PBAC 090	228,60	9	247,65	22,4	123,8	0,38
PBAC 095	241,30	9½	260,35	22,8	132,9	0,39
PBAC 100	254,00	10	273,05	23,2	139,7	0,41
PBAC 105	266,70	10½	285,75	23,6	146,4	0,43
PBAC 110	279,40	11	298,45	24,0	153,1	0,45
PBAC 115	292,10	11½	311,15	24,3	159,8	0,47
PBAC 120	304,80	12	323,85	24,5	169,7	0,49
PBAC 130	330,20	13	349,25	25,4	183,4	0,53
PBAC 140	355,60	14	374,65	26,2	197,1	0,56
PBAC 150	381,00	15	400,05	26,9	210,9	0,60
PBAC 160	406,40	16	425,45	27,5	224,6	0,64
PBAC 170	431,80	17	450,85	28,2	242,7	0,68
PBAC 180	457,20	18	476,25	28,8	256,7	0,72
PBAC 190	482,60	19	501,65	29,3	270,7	0,76
PBAC 200	508,00	20	527,05	29,8	284,6	0,79
PBAC 210	533,40	21	552,45	30,3	298,6	0,83
PBAC 220	558,80	22	577,85	30,8	312,6	0,87
PBAC 230	584,20	23	603,25	31,2	332,5	0,91
PBAC 240	609,60	24	628,65	31,6	346,7	0,95
PBAC 250	635,00	25	654,05	32,0	360,9	0,98
PBAC 260	660,40	26	679,45	32,4	375,1	1,02
PBAC 270	685,80	27	704,85	33,0	388,8	1,06
PBAC 280	711,20	28	730,25	33,6	403,2	1,10
PBAC 290	736,60	29	755,65	34,2	417,6	1,14
PBAC 300	762,00	30	781,05	34,8	432,0	1,18
PBAC 310	787,40	31	806,45	35,4	446,4	1,22
PBAC 320	812,80	32	831,85	35,9	460,8	1,26
PBAC 330	838,20	33	857,25	36,5	475,2	1,30
PBAC 340	863,60	34	882,65	37,0	489,6	1,34

ROTARY OTHER



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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