

Item description/product images



Description

Material:

Ceramic bearings Si3N4.
 Bearing cage PTFE.

Version:

Natural, black.

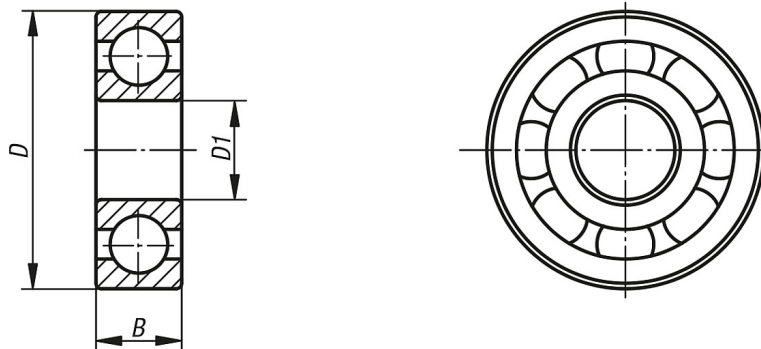
Note:

For most applications Si3N4 is the preferred material for ceramic bearings. Silicon nitride bearings are light, very hard and highly wear resistant. High and ultra-high performance bearings are used in e.g. aerospace technology, metal production industries (high application temperatures), machine manufacturing, chemical industries (chemically aggressive substances), pharmaceutical and medical industries, semiconductor and biotechnology (clean room environments which may not be contaminated by lubricants).

On request:

Special version with PEEK ball cage.
 Without ball cage.

Drawings



Overview of items

Order No.	B	D	D1	Dynamic base loads kN	Static base loads kN	max. speed U/min
50-404-1	7	22	8	2,3	1,1	41.000
50-404-2	8	26	10	3,3	1,6	34.000
50-404-3	8	28	12	3,6	1,9	32.000
50-404-4	9	32	15	4	2,3	27.000
50-404-5	10	35	17	4,3	2,6	23.000
50-404-6	12	42	20	6,7	4,1	20.000
50-404-7	12	47	25	7,2	4,8	17.000
50-404-8	13	55	30	9,4	9,4	14000