

BA 5

Single direction thrust ball bearings can accommodate axial loads in one direction. They must not be subjected to any radial load. Their separable components facilitate mounting/dismounting and maintenance inspections. Many of the components are interchangeable. The shaft washers have a ground bore that enables an interference fit.



- Separable design facilitates mounting/dismounting and maintenance inspections
- Interchangeable components
- Ground bore of shaft washers enable interference fit



Dimensions		
d	5 mm	Bore diameter
D	12 mm	Outside diameter
H	4 mm	Height
d ₁	≈ 11.8 mm	Outside diameter shaft washer
D ₁	≈ 5.2 mm	Inner diameter housing washer
r _{1,2}	min. 0.15 mm	Chamfer dimension washer



Abutment dimensions		
d _a	min. 8 mm	Abutment diameter shaft
D _a	max. 9 mm	Abutment diameter housing
r _a	max. 0.15 mm	Fillet radius

Calculation data

Basic dynamic load rating	C	0.852 kN
---------------------------	---	----------

Basic static load rating	C ₀	0.965 kN
Fatigue load limit	P _u	0.036 kN
Reference speed		20 000 r/min
Limiting speed		28 000 r/min
Minimum load factor	A	5.0E-6

Tolerances and clearances

GENERAL BEARING SPECIFICATIONS

- Tolerances: table 1

BEARING INTERFACES

- Seat tolerances for standard conditions
- Tolerances and resultant fit

AGA BEARINGS