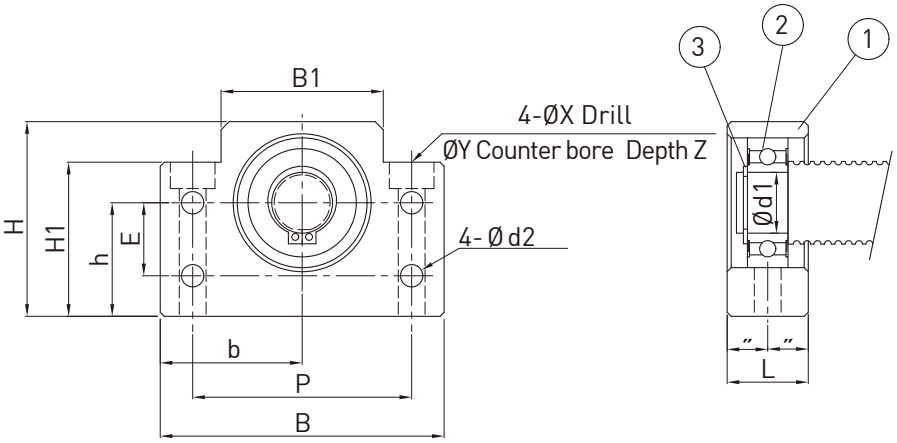
Datasheet

AXISCRAFT - Supported bearing for ballscrew, bore d = 25 mm - BF/FF

BF25-C5

BF25-C5 | Block-type supported-end unit



Component identification

No.	Component	Qty
1	Housing	1
2	Deep-groove ball bearing	1
3	Snap ring	1

Configuration

Support position	**Supported side**
Bearing bore d1	**25 mm**
Installed bearing	**6205ZZ**
Retaining ring	**S25**
Support unit accuracy class	**C5**
Bearing precision class	**Not specified**
Support assembly mass	**1.45 kg**



Load ratings

Basic dynamic radial C

14 kN

Basic static radial C0

7.8 kN

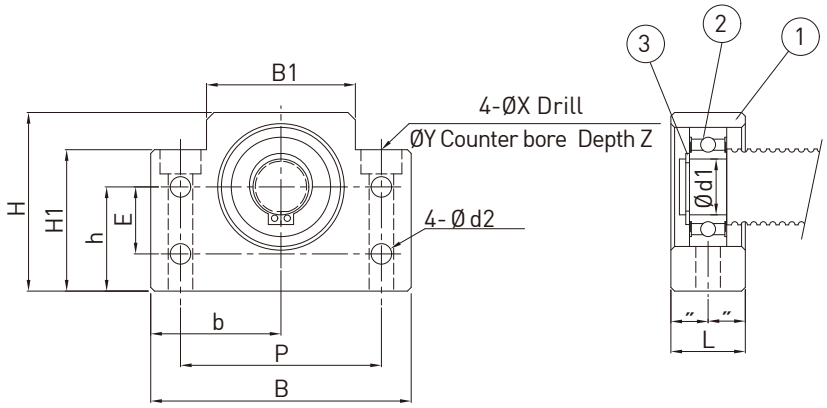
Ratings apply to the installed 6205ZZ bearing, not the support assembly.

Datasheet

AXISCRAFT - Supported bearing for ballscrew, bore d = 25 mm - BF/FF

BF25-C5

Dimensions and mounting details



Dimensional specification

Dimension	Value
d1 - bearing bore	**25 mm**
L - housing depth	**30 mm**
B - overall width	**106 mm**
H - overall height	**80 mm**
b	**53 mm**
h	**48 mm**
B1	**64 mm**

Dimension	Value
H1	**70 mm**
E	**33 mm**
P	**85 mm**
d2	**9 mm**
X - drill	**11 mm**
Y - counterbore	**17 mm**
Z - counterbore depth	**11 mm**

Component details

Retaining ring

Type	**S25**
Quantity in assembly	**1 pc**
Installed bearing	**6205ZZ**

Technical notes

All dimensions in millimetres. Drawings are not to scale.

Radial ratings refer to the installed 6205ZZ bearing, not the support assembly.

Selection guide: ballscrew diameter 30-36 mm; bearing bore d = 25 mm.