

EKXX

Fixed Bearing Block



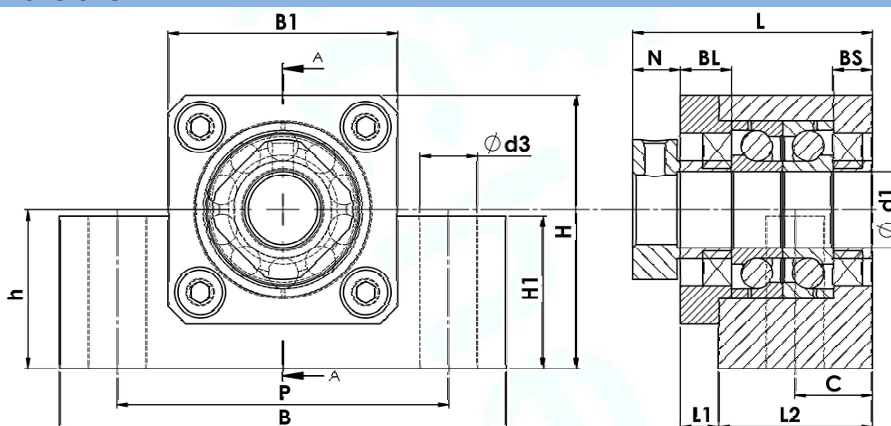
1. Features

- Two angular contact ball bearings in O-arrangement
- Sealing on both sides
- Flange with flexible ring to hold the ball bearings axially in position
- Square Nut with locking screw to fix.

2. Description

In the fixed bearing block, a spindle is held in position without play by the use of two angular contact ball bearings in an O arrangement. When clamping the bearings, only the end faces of the outer rings are in contact with each other due to the inserted spacer. This is the only way to ensure correct clamping. The bearings are clamped to the spindle with the fastening nut supplied. This prevents axial play. Sealing rings on both sides ensure that no lubricant can escape or dirt get into the bearing.

3. Mechanical Dimensions



Art.No. 0510-003-	Name	Dimensions in mm																kN max. axial Load
		d1	L	L1	L2	C	N	BL	BS	B	H	h	B1	H1	P	d3	WS	
0306	EK 10	10	37	6	24	12	7	8	6	70	43	25	36	24	52	9	16	1,3
0302	EK 12	12	38	6	24	12	8	8	6	70	43	25	36	23,8	52	9	19	1,5
0308	EK 15	15	41	6	24	12	11	9,5	6,5	80	49	30	36	25	60	11	22	1,72
Tolerances			+1	+0,1	+0,3	+0,2	+0,1	+0,1	+0,1	+0,3	+0,3	+0,02	+0	+0,3	+0,3	+0,1	+0	
			-1	-0,1	-0,3	-0,2	-0,1	-0,1	-0,1	-0,3	-0,3	-0,02	-0,5	-0,3	-0,3	-0,1	-0,5	

4. Scope of Delivery

- Bearing Block, preassembled with 2 angular contact all bearings and flange for fixing
- Square Nut with clamping screw

5. Further Information

	Used Bearings	Suitable for
EK10	2× 7000AC	Ball Spindle SFU 1204, Art.Nr.: 1001-204-XXXX
EK12	2× 7001AC	Ball Spindle SFU 1605-1610 Art.Nr.: 1001-605-XXXX; 1001-610-XXXX
EK15	2× 7002AC	Ball Spindle SFU 2005-2010 Art.Nr.: 1002-005-XXXX; 1002-010-XXXX;

*For other manufactures please check needed Dimension's