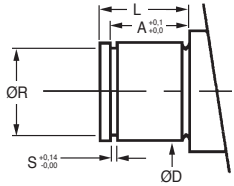
Housing block for ballscrew

Possible machining options

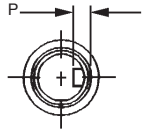
BSB
RPB

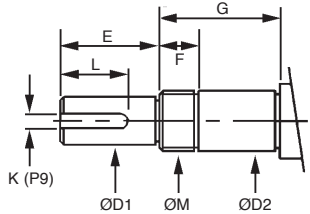
The ballscrews will require machining (by the user) before they can be used with the BSB and RBP housings



Recommended dimensions for the ends of the ballscrew

For housing block Part number	ØD (g6)	A	ØR	S	L
BSB10	8	7,90	7,6	0,90	11
BSB12	10	9,15	9,6	1,15	12
BSB15	15	10,15	14,3	1,15	12
BSB17	17	13,15	16,2	1,15	16
BSB20	20	13,35	19,0	1,35	16
BSB25	25	16,35	23,9	1,35	20
BSB30	30	17,75	28,6	1,75	20
BSB40	40	19,75	38,0	1,75	25





For housing block Part number	ØP (g6)	ØM	ØD (h6)	K	P	E	F	G	L
RPB10	10	M10x1,0	8	2	1,25	15	16	39	11
RPB12	12	M12x1,0	10	3	1,85	15	16	39	30
RPB15	15	M15x1,0	12	4	2,55	20	16	41	21
RPB17	17	M17x1,0	15	5	3,05	27	17	53	21
RPB20	20	M20x1,0	17	5	3,05	27	17	53	30
RPB25	25	M25x1,5	20	6	3,55	36	18	65	34
RPB30	30	M30x1,5	25	8	4,10	42	18	72	40
RPB40	40	M40x1,5	35	10	5,10	70	35	98	49

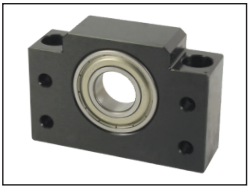
Dimensions in mm

Ballscrew bearing unit

BSB

For a floating installation

- ***Free bearing***
- *Supplied with a radial contact ball bearing*
- *Material: steel*

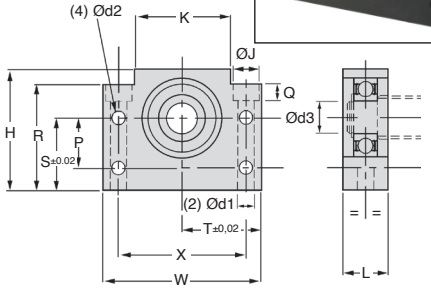


Assembly

- *See end of section for recommended machining options*

Accessories

- ***KGS** ballscrews* ***(tome 3 p.340)***
- ***VAB** ballscrews* ***(tome 3 p.338)***



DISCOUNTS

Qty	1+	2+	4+
Disc.	List	-15%	On request

Part number	For ball-screw Ø	Shaft Ød3 (h7)	W	H	S±0,02	Bearing	Dynamic load (kN) Axial	Radial
BSB10	16	8	60	39	22	608ZZ	-	3,35
BSB12	16 / 20	10	60	43	25	6000ZZ	-	4,65
BSB15	20	15	70	48	28	6002ZZ	-	5,7
BSB17	20 / 25	17	86	64	39	6203ZZ	-	9,75
BSB20	25	20	88	60	34	6004ZZ	-	9,55
BSB25	32	25	106	80	48	6205ZZ	-	14,3
BSB30	40	30	128	89	51	6206ZZ	-	19,8
BSB40	50	40	160	110	60	6208ZZ	-	29,7

Part number	R	X	K	Ød1	ØJ	Q	Ød2	P	L	Stock*	Price each
BSB10	32,5	46	34	6,6	11,0	5,0	5,5	15	20	✔	76,43 €
BSB12	35,0	46	35	6,6	11,0	6,5	5,5	18	20	✔	89,52 €
BSB15	38,0	54	40	6,6	11,0	6,5	5,5	18	20	✔	84,74 €
BSB17	55,0	68	50	9,0	14,0	8,5	6,6	28	23	-	100,24 €
BSB20	50,0	70	52	9,0	14,0	8,5	6,6	22	26	✔	108,18 €
BSB25	70,0	85	64	11,0	17,5	11,0	9,0	33	30	-	128,45 €
BSB30	78,0	102	76	14,0	20,0	13,0	11,0	33	32	-	144,32 €
BSB40	90,0	130	100	18,0	26,0	17,5	14,0	37	37	-	224,29 €

**Depending on availability - Dimensions in mm*

- ***Fixed bearing***
- *Fitted with an angular contact bearing*
- *Material: steel*

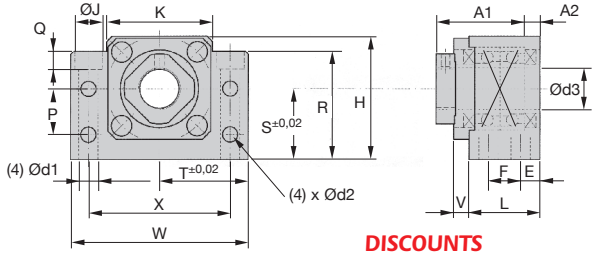


Assembly

- *See end of section for recommended machining options*

Accessory

- ***KGS** ballscrews **(tome 3 p.340)***
- ***VAB** ballscrews **(tome 3 p.338)***



DISCOUNTS

Qty	1+	2+	4+
Disc.	List	-15%	On request

Part number	For ballscrew Ø	Shaft Ød3 (h7)	W	H	S	R	T	X	Bearing	Dynamic load (kN) Axial	Radial
RPB10	16	10	60	39	22	32,5	30	46	7000DFA	6,7	2,78
RPB12	16 / 20	12	60	43	25	32,5	30	46	7001DFA	7,25	3,1
RPB15	20	15	70	48	28	38,0	35	54	7002DFA	7,75	4,07
RPB17	20 / 25	17	86	64	39	55,0	43	68	7203DFA	14	5,95
RPB20	25	20	88	60	34	50,0	44	70	7204DFA	18,3	9,7
RPB25	32	25	106	80	48	70,0	53	85	7205DFA	20,6	11,7
RPB30	40	30	128	89	51	78,0	64	102	7206DFA	28,6	16,6
RPB40	50	40	160	110	60	90,0	80	130	7208DFA	45	27,7

Part number	K	L	E	F	V	A1	A2	Ød1	ØJ	Q	Ød2	P	Stock*	Price each
RPB10	34	25	6	13	5	29	5	6,6	11,0	5,0	5,5	15	✔	164,33 €
RPB12	35	25	6	13	5	29	5	6,6	11,0	6,5	5,5	18	✔	188,30 €
RPB15	40	27	6	15	6	32	6	6,6	11,0	6,5	5,5	18	✔	204,00 €
RPB17	50	35	8	19	9	44	7	9,0	14,0	8,5	6,6	28	-	279,52 €
RPB20	52	35	8	19	8	43	8	9,0	14,0	8,5	6,6	22	✔	250,13 €
RPB25	64	42	10	22	12	54	9	11,0	17,5	11,0	9,0	33	-	299,84 €
RPB30	76	45	11	23	14	61	9	14,0	20,0	13,0	11,0	33	-	397,44 €
RPB40	100	61	14	33	18	76	15	18,0	26,0	17,5	14,0	37	-	498,85 €

**Depending on availability - Dimensions in mm*

Our other products


GTCSS

Belt tensioner, For use in hostile environments


G0

Steel spur gear, Steel 20NCD2


GB-RA

Brass spur gear, Brass CuZn39Pb3


ADL_F

Female eye bolt conforms to DIN582, Steel


PAM_SS

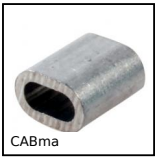
Stainless steel articulated levelling foot, Ø 30 & 40


CAP880

Side flexing slim slat top chain acetal, Narrow range 880


LRM

Trapezoidal bronze nut, Bronze - 1 thread


CABma

Swaging sleeve for fitting cable, To crimp a wire rope


PTA50

Articulated levelling foot, pressed base Ø50, 4000N


SVT20

Screwjack with travelling screw, with translating screw


CHM50

Worm and wheel gear reducer, up to 107 Nm


ACL

Joints for aluminium profiles, Variable angle corner

Complementary products


KGS

Ballscrew, supplied by the metre, Rolled ballscrew, per metre


RPB

Ballscrew bearing unit, Support