

2.4.2.2 Supported bearing SLA

The stage height of the supported bearing is matched to the fixed bearing SFA (page 109) and to the nut housing GFD (page 112). The pillow block can be fixed from the top (S1) and bottom (S2).

The stop edge facilitates alignment of the unit. The correct end machining for the supported bearing is type S5-xx (page 106).

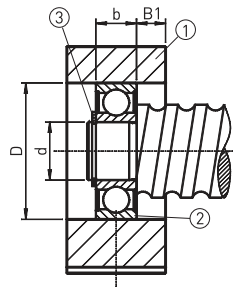
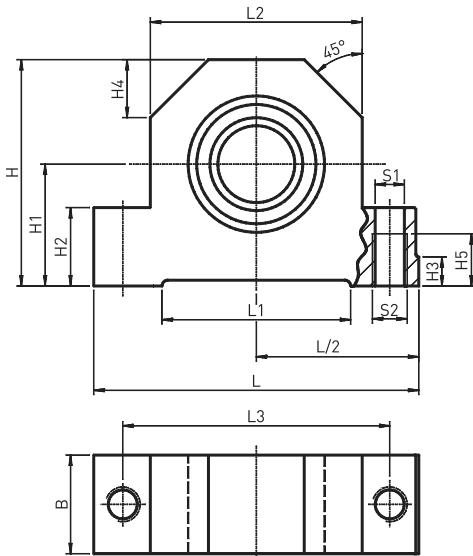


Table 2.28 Dimensions of the bearing unit

Article number	Spindle Ø	L	L/2 js9	L1	L2	L3	H	H1 JS7	H2	H3	H4	H5	b
SLA06	12	62	31	34	38	50	41	22	13	5	11	9	6
SLA10	16	86	86	52	52	68	58	32	22	7	15	15	9
SLA12	20	94	47	52	60	77	64	34	22	7	17	15	10
SLA17	25	108	54	65	66	88	72	39	27	10	19	18	12
SLA20	32	112	56	65	73	92	78	42	27	10	20	18	14
SLA30	40	126	63	82	84	105	92	50	32	13	23	21	16
SLA40	50	146	73	82	104	125	112	60	32	13	30	21	18

Table 2.29 Dimensions of the bearing unit

Article number	Spindle Ø	B	B1	S1 H12	S2	d	D H6	Circlip DIN 471	Deep-groove ball bearing DIN 623
SLA06	12	15	4,5	5,3	M6	6	19	6 × 0,7	626.2RS
SLA10	16	24	7,5	8,4	M10	10	30	10 × 1	6200.2RS
SLA12	20	26	8	8,4	M10	12	32	12 × 1	6201.2RS
SLA17	25	28	8	10,5	M12	17	40	17 × 1	6203.2RS
SLA20	32	34	10	10,5	M12	20	47	20 × 1,2	6204.2RS
SLA30	40	38	11	12,6	M14	30	62	30 × 1,5	6206.2RS
SLA40	50	44	13	12,6	M14	40	80	40 × 1,75	6208.2RS

(1) steel pillow block, (2) bearing, (3) locknut