

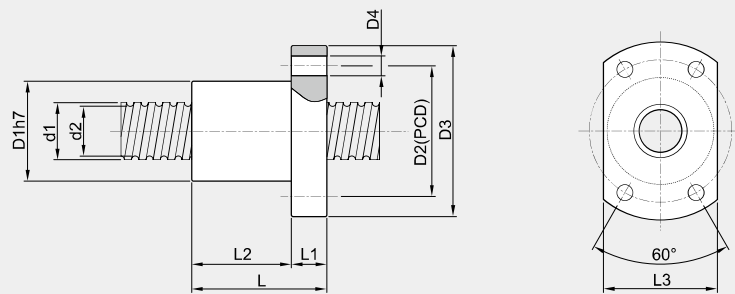
Ball Screw

SBC Precision Rolled Ball Screw

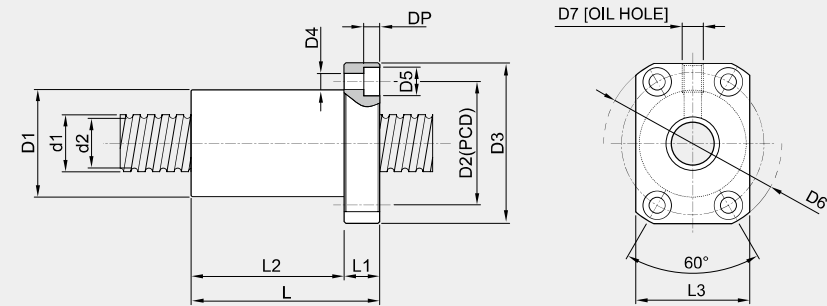
Ball Screw

SBC Precision Rolled Ball Screw

MBS Miniature Rolled Ball Screw



[MBS0601~1205]



[MBS1210]

Model No.	d1 (Nominal diameter)	Ph (Lead)	do (Ball circle diameter)	Da (Ball Diameter)	d2 (Root-diameter)	i (No. of circuits)	D1	D2 (PCD)	D3	D4
MBS 0601	6	1	6,3	0,8	5,5	3x1	13	21,5	27	3,4
MBS 0801	8	1	8,2	0,8	7,4	4x1	16	24	30	3,4
MBS 0802	8	2	8,4	1,2	7,2	3x1	16	24	30	3,4
MBS 0802,5	8	2,5	8,4	1,2	7,2	2,5x1	20	30	38	4,5
MBS 1204	12	4	12,4	2,381	10	3,5x1	28	39	48	5,5
MBS 1205	12	5	12,4	2	10,4	3,5x1	28	39	48	5,5
MBS 1210	12	10	12	2	10	2x1	30	40	45	4,5

(Unit : mm)

D5	DP	D6	D7	L	L1	L2	L3	Ca [kN]	Coa [kN]	Max. Length
-	-	-	-	15	3,5	11,5	17	0,71	1,18	900
-	-	-	-	16	4	12	18	0,95	1,91	1200
-	-	-	-	16	4	12	18	1,13	1,87	1200
-	-	-	-	21	5	16	23	1,48	2,27	1200
-	-	-	-	30	6	24	30	4,16	7,23	1400
-	-	-	-	35	6	29	30	6,49	10,15	1400
8	4,5	50	M6x1	40	10	30	32	2,5	3,59	3000

- ❶ Ca (Basic Dynamic load rating), Coa (Basic static load rating)
- ❷ MBS0601~1205 do not contain a seal. It is necessary to use a dust-prevention device.
- ❸ Corresponding table on surface coating

Model number	Nut	Screw
MBS0601	X	○
MBS0801, MBS0801, MBS0802,5	X	○
MBS1204, MBS1205, MBS1210	○	○