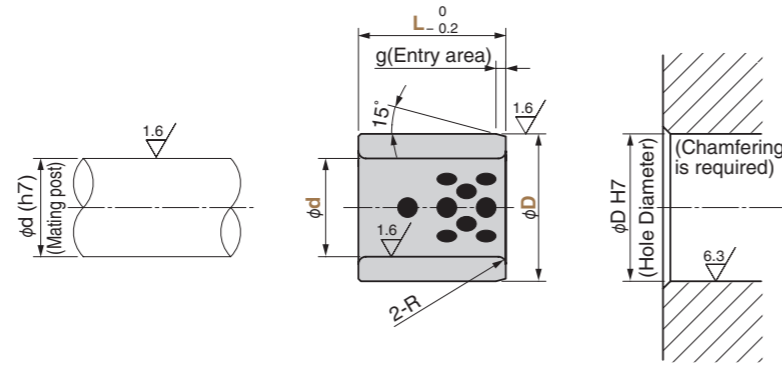


Oilless Bushing

Bronze Castings
Straight Type
SO#50B

SOBC



- Other operating conditions and characteristics
Can be used in the atmosphere and fresh water (on condition).
Good performance in operation under high load and at low speed.
- ▲ When the product is used at high temperature (150°C or more), the embedding specification of solid lubricant is different. Please contact us for details.

Material Base CAC406 (BC6)
Solid lubricant (GR-1)

Operation Range

Lubricant Type	Lubricating Condition	Environment Condition	Max. Allowable Load P N/mm ²	Max. Allowable Sliding Speed V m/min	Max. Allowable PV value N/mm ² · m/min	Operation Range Temperature °C
GR-1	No lubrication	Atmosphere	50	25	60	-50 ~ +300
	Regular lubrication (Grease)			50		-50 ~ +150

Physical Properties

Specific Gravity	Hardness HB	Elongation %	Tensile Strength N/mm ²	Linear Expansion Coefficient ×10 ⁻⁵ /°C
8.7	60 or more	15 or more	195 or more	1.8

Order **Catalog No.** **d** — **D** — **L**
SOBC **32** — **42** — **40**

※ Values shown in the "Tolerance d after press-fit" column are provided for reference.

d	D	R	g	Tolerance d after press-fit	Catalog No.	d	D	L
20	30	2		+0.083 +0.049	SOBC	20	30	20
						25	30	30
						30	30	30
25	35	1			SOBC	25	35	20
						30	35	30
						40	35	40
30	40			+0.074 +0.040	SOBC	30	40	25
						30	40	30
						40	40	40
32	42	2			SOBC	32	42	25
						32	42	30
						40	42	40
35	45	2		+0.059 +0.034	SOBC	35	45	30
						35	45	40
						40	45	40
35	48			+0.113 +0.073	SOBC	35	48	30
						35	48	40
						40	48	50

※ Values shown in the "Tolerance d after press-fit" column are provided for reference.

d	D	R	g	Tolerance d after press-fit	Catalog No.	d	D	L
40	50			+0.109 +0.069	SOBC	40	50	30
						40	50	40
						50	50	50
45	55	2	2	+0.106 +0.066	SOBC	45	55	30
						45	55	40
						50	55	50
50	60	3	3	+0.101 +0.061	SOBC	50	60	40
						50	60	50
						60	60	60
55	65	2	2	+0.106 +0.066	SOBC	55	65	40
						55	65	50
						60	65	60
60	70			+0.151 +0.104	SOBC	60	70	50
						60	70	60
						70	70	60
65	75			+0.145 +0.098	SOBC	65	75	50
						65	75	60
						80	75	60
70	80			+0.073 +0.043	SOBC	70	80	80
						70	80	50
						80	80	60
75	85			+0.151 +0.104	SOBC	75	85	80
						75	85	60
						85	85	60
80	90			+0.145 +0.098	SOBC	80	90	80
						80	90	80
						90	90	80
85	95			+0.143 +0.097	SOBC	85	95	80
						85	95	80
						95	95	80
90	100			+0.137 +0.090	SOBC	90	100	100
						90	100	80
						100	100	80
95	105			+0.137 +0.090	SOBC	95	105	100
						95	105	80
						105	105	80
100	110			+0.189 +0.134	SOBC	100	110	100
						100	110	80
						110	110	80
105	115			+0.137 +0.090	SOBC	105	115	100
						105	115	80
						115	115	80
110	120			+0.187 +0.132	SOBC	110	120	100
						110	120	80
						120	120	80
115	125			+0.242 +0.188	SOBC	115	125	100
						115	125	80
						125	125	80
120	130			+0.187 +0.132	SOBC	120	130	100
						120	130	80
						130	130	80
125	135			+0.178 +0.123	SOBC	125	135	100
						125	135	80
						135	135	80