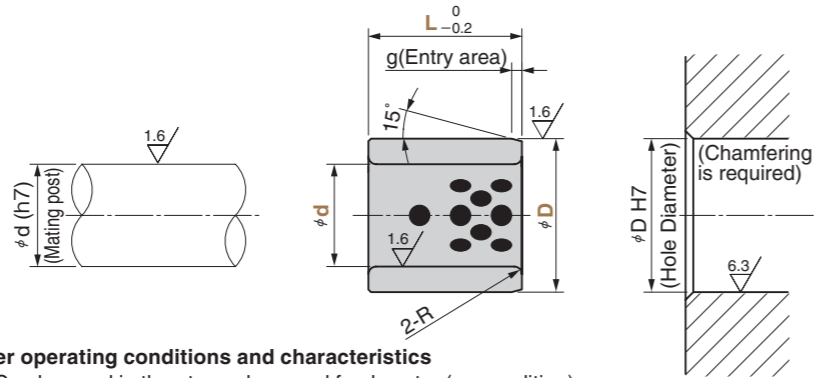


Oilless Bronze Bushing Bronze Castings Straight Type **SO#50B**

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.

●Sliding Direction



⚠ 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	100	-50~+150

■Physical Properties

Specific Gravity g/cm ³	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.** **SOBC** **d** - **D** - **L**
32 - 42 - 40

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	25	40	25
						30	40	30
						40	40	40
32	42	2	2		SOBC	30	42	25
						30	42	30
						40	42	40
35	45	2		+0.059 +0.034	SOBC	32	45	30
						32	45	40
						40	45	40
35	48			+0.113 +0.073	SOBC	35	48	30
						35	48	40
						40	48	50

d	D	R	g	Tolerance d after press-fit	Catalog No.	d	D	L
40	50			+0.059 +0.034	SOBC	40	50	30
						40	50	40
						40	50	50
45	55	2	2	+0.106 +0.066	SOBC	40	55	30
						45	55	40
						45	55	50
50	60	3	3	+0.101 +0.061	SOBC	45	60	40
						50	60	50
						50	60	60
55	65	2	2	+0.106 +0.066	SOBC	50	65	40
						55	65	50
						55	65	60
60	70			+0.151 +0.104	SOBC	55	70	50
						60	70	60
						60	70	80
65	75			+0.145 +0.098	SOBC	60	75	60
						65	75	80
						65	75	100
70	80			+0.073 +0.043	SOBC	60	80	60
						70	80	80
						70	80	100
75	85	3	3	+0.151 +0.104	SOBC	65	85	60
						75	85	80
						75	85	100
80	90			+0.145 +0.098	SOBC	70	90	60
						80	90	80
						80	90	100
85	95			+0.143 +0.097	SOBC	75	95	60
						85	95	80
						85	95	100
90	100			+0.137 +0.090	SOBC	80	100	60
						90	100	80
						90	100	100
95	105	3	3	+0.143 +0.097	SOBC	85	105	60
						95	105	80
						95	105	100
100	110			+0.137 +0.090	SOBC	90	110	60
						100	110	80
						100	110	100
105	115			+0.189 +0.134	SOBC	95	115	60
						105	115	80
						105	115	100
110	120			+0.187 +0.132	SOBC	100	120	60
						110	120	80
						110	120	100
115	125	3	3	+0.086 +0.051	SOBC	105	125	60
						115	125	80
						115	125	100
120	130			+0.193 +0.138	SOBC	110	130	60
						120	130	80
						120	130	100
125	135			+0.187 +0.132	SOBC	115	135	60
						125	135	80
						125	135	100
130	140			+0.242 +0.188	SOBC	120	140	60
						130	140	80
						130	140	100
135	145			+0.103 +0.063	SOBC	125	145	60
						135	145	80
						135	145	100