

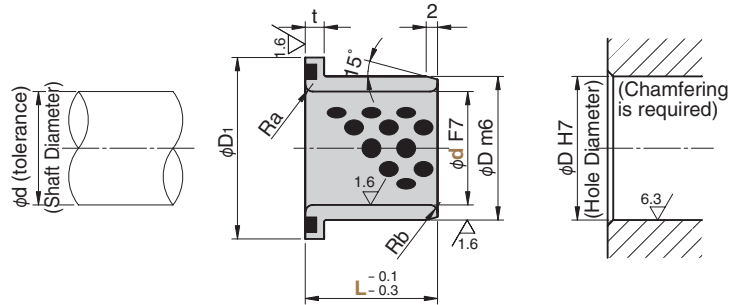
# Oilless Thrust Bush

Copper Alloy I.D.  
F7 · O.D. m6 Type

SO#50SP2



## SOBB



### ● Mating post tolerance

- d8 : General use (high load)
- e7 : General use (light load)
- f7 : High precision

### ● Sliding Direction



Material Base Copper alloy (SO-2)  
Solid lubricant (GR-1)

## ■ Operation Range

Lubricant Type	Lubricating Condition	Environment Condition	Max. Allowable Load P N/mm <sup>2</sup>	Max. Allowable Sliding Speed V m/min	Max. Allowable PV value N/mm <sup>2</sup> · m/min	Operation Range Temperature °C
GR-1	No lubrication	Atmosphere	100	15	150	-50 ~ +300
	Regular lubrication (Grease)			30	200	-50 ~ +150

⚠ 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.

## ■ Physical Properties

Specific Gravity	Hardness HB	Elongation %	Tensile Strength N/mm <sup>2</sup>	Linear Expansion Coefficient × 10 <sup>-5</sup> /°C
7.9	210 or more	12 or more	755 or more	1.9

d F7	D m6	D <sub>1</sub>	t	Ra	Rb	Catalog No.	d	L
12	18	25	4		1		12	15
16	22	30					16	20
20	28	36					20	25
25	33	43	5	2		SOBB	25	30
30	38	48			2		30	35
40	50	60					40	45
50	62	75	6				50	55
60	75	90	7	3			60	65



Order

Catalog No.

SOBB

d

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L

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### ● 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.