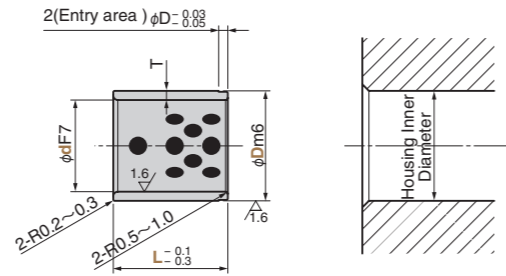


Oilless Bush

Copper Alloy
Straight Thin Type
SO#50SP2



SOBU



● Sliding Direction ● Mating post tolerance



d8 : General use (high load)
e7 : General use (light load)
f8 : High precision

● 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.

⚠ Operation temperature is 150°C or less

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



Order

Catalog No. **SOBU**
d **10** — D **12** — L **15**

⚠ Special order products are available in limited quantities.
Contact your sales representative.

d F7	D m6	Housing		Thickness T	Catalog No.	d	D	L
		I.D.	H7					
6	8	8	H7	1	SOBU	6	8	8
								10
								12
8	10	10	H7	1	SOBU	8	10	15
								20
								25
10	12	12	H7	1	SOBU	10	12	10
								12
								15
12	15	15	H7	1.5	SOBU	12	15	20
								25
								25
13	16	16	H7	1.5	SOBU	13	16	10
								12
								15
15	18	18	H7	2	SOBU	15	18	20
								25
								30
16	20	20	H7	2	SOBU	16	20	10
								12
								15
18	22	22	H7	2	SOBU	18	22	20
								25
								30

d F7	D m6	Housing		Thickness T	Catalog No.	d	D	L
		I.D.	H7					
20	24	24	H7	2	SOBU	20	24	15
								20
								25
25	29	29	H7	2	SOBU	25	29	15
								20
								25
30	34	34	H7	2	SOBU	30	34	15
								20
								25
35	40	40	H7	2	SOBU	35	40	20
								25
								30
40	45	45	H7	2.5	SOBU	40	45	25
								30
								40
50	55	55	H7	2.5	SOBU	50	55	20
								25
								30

Operation Range (SO#50SP2)

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	100	15	150	-50~ +300
	Regular lubrication (Grease)			30		

Physical Properties (SO#50SP2)

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