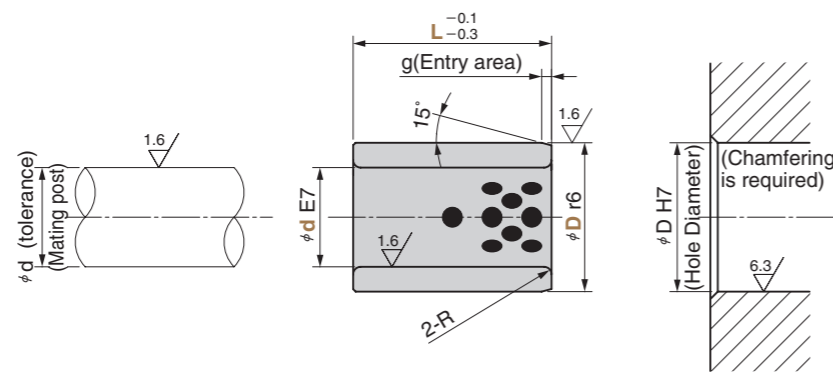


Oiless Bush Straight Type For Under Water

SO#50SP2

RoHS

SOBM



● Sliding Direction



● Mating post tolerance

- d8 : General use
- b9 : High load under water

● Other operating conditions and characteristics

- Can be used in under water.
- Good performance in operation under high load and at low speed.

Material Base Bronze with Graphite(SP2)
Solid lubricant(GR-9)

NETIS registration technology (Registration No.: KT-070008-A)

■ 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-9	No lubrication	Under water	50	15	100	-50 ~ +80

■ Physical Properties

Specific Gravity g/cm ³	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

Order - -

d E7	D r6	R	g	Tolerance d after press-fit	Catalog No.	d	D	L
20	30	1		+0.041	SOBM	20	30	20
				+0.028				30
25	35	2		+0.034 +0.012	SOBM	25	35	25
								30
								40
								50
30	40	2	2	+0.050 +0.034	SOBM	30	40	20
								25
								30
								35
35	45	2		+0.048 +0.022	SOBM	35	45	30
								35
								40
								50
40	50	2		+0.045 +0.019	SOBM	40	50	30
								40
								50
								60

d E7	D r6	R	g	Tolerance d after press-fit	Catalog No.	d	D	L
40	55	2	2	+0.043 +0.017	SOBM	40	55	40
								50
								60
45	60	3	3	+0.038 +0.012	SOBM	45	60	30
								50
								60
50	65	2	2	+0.043 +0.017	SOBM	50	65	40
								50
								60
55	70	2	2	+0.056 +0.025	SOBM	55	70	70
								60
								70
60	75	3	3	+0.052 +0.021	SOBM	60	75	50
								60
								70
65	80	2	2	+0.090 +0.060	SOBM	65	80	60
								70
								80
70	90	3	3	+0.050 +0.019	SOBM	70	90	60
								70
								80
75	95	3	3	+0.073 +0.051	SOBM	75	95	70
								80
								100
80	100	2	2	+0.045 +0.014	SOBM	80	100	60
								80
								100
90	110	2	2	+0.107 +0.072	SOBM	90	110	60
								80
								100
100	120	2	2	+0.076 +0.054	SOBM	100	120	60
								80
								100