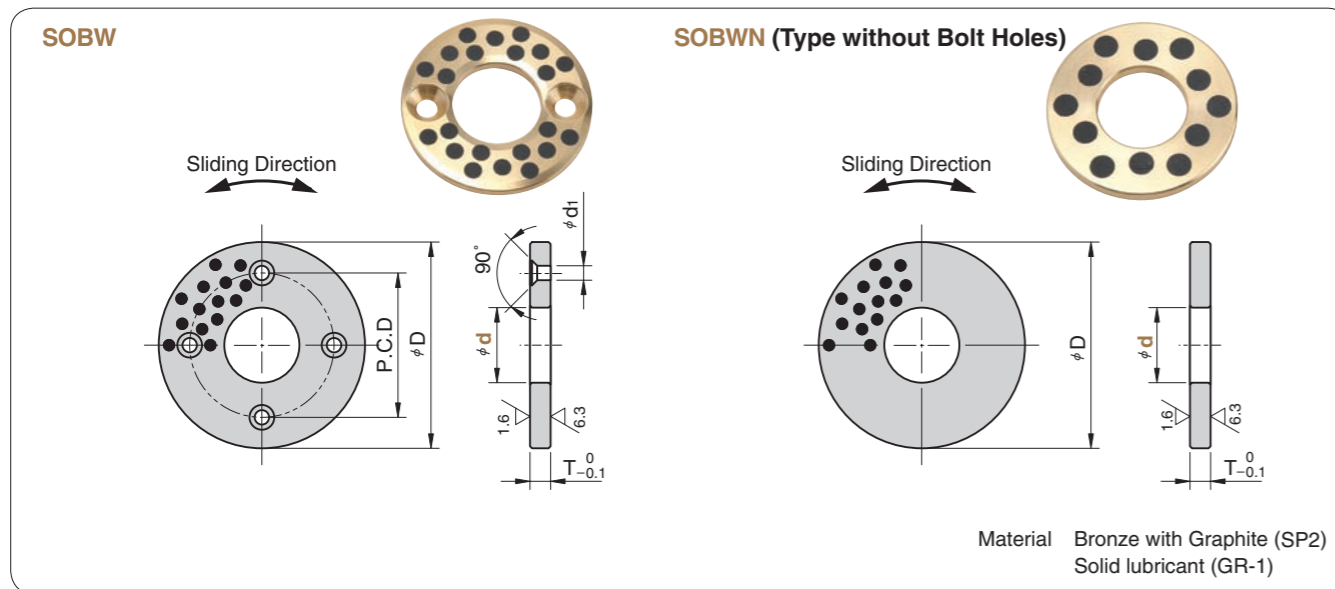


# Oilless Washer Bronze Type

SO#50SP2

RoHS



### 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

### Physical Properties

Specific Gravity g/cm <sup>3</sup>	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 (Actual Size)	D	T	Bolt Mounting Hole			Catalog No.	d(Nominal)
			P.C.D	Quantity	Flat Head Screw		
10.2	30		20				10
12.2							12
13.2	40		28				13
14.2		3			M3	3.5	14
15.2							15
16.2	50		35				16
18.2				2			18
20.2							20
25.2	55		40				25
30.2	60	5	45		M5	6	30
35.2	70		50				35
40.2	80		60				40
45.3	90	7	67.5				45
50.3	100		75		M6	7	50
55.3	110		85				55
60.3	120	8	90				60
65.3	125		95				65
70.3	130		100		M8	9	70
75.3	140		110	4			75
80.3	150		120				80
90.5	170	10	140				90
100.5	190		160		M10	11	100
120.5	200		175				120

### Type without Bolt Hole

d(Actual Size)	D	T	Catalog No.	d(Nominal)
10.2	30			10
12.2	40	3		12
16.2	50		<b>SOBWN</b>	16
20.2		5		20
25.2	55			25

Order	Catalog No.	d(Nominal)
	<b>SOBW</b>	<b>18</b>
	<b>SOBWN</b>	<b>16</b>