Support Units (Square, Fixed Side)

Standard

10 The Standard Type uses the preloaded JIS 5 class Angular Contact Bearings. It is recommended to use for high-accuracy and high-speed precision applications.



RoHS10

Component Details

No.	Part Name	Quantity
(1)	Bearing Housing	1
(2)	Angular Contact Bearing Class 5	1 Set
(3)	Cover	1
(4)	Oil Seal	2
(5)	Hexagon Socket Head Cap Screw*	4
(6)	Collar	1
(7)	Clamping Nut (With Set Piece)	1

- Oil seal (4) is not included when d=6.
- 0 d=8 comes with one oil seal (4).
- ① Do not disassemble (1), (2), (3) and (4), as they must remain
- ① BSWR bearing is filled with low particulate generation grease.

	"Screws (5) for BSWR and BSWN are stainless steel type.
)	For No.8S and 10S, the I.D. of oil seal is smaller than the
	previous No.8S and No.10S versions.

	BSW	1045	1018	Black Oxide		
	BSWN	Carbon	Carbon	Electroless Nickel Pl	ating	
	BSWR	Steel	Steel	Low Temperature Black Ch	rome plating	
	d=6-8	M	(3) = = = = = = = = = = = = = = = = = = =		2-d1 Through d2 Counterbore Depth	-
	d=10-25	-	<i>,</i>	1.6 B		d=20
=::=		(2) (3 M) 		2-d ₁ Through d ₂ Counterbore Depth	10 22 10 42 *4 Mounting Holes
=::=	4) 1/2 1	ㅡ / /	(7) (6) 1.6	PBB	Od25 is not counterbored.	d=25 *4 Mounting Holes

There's more on the web: misumiusa.com

Surface Treatment

(1), (3), (6), (7)

Part Number		4					В	н	h	D	ш	Р	4	4	0	М	т.	Oil Seal Applicable	
Туре	No.	d	L	L ₁	L ₂	L ₃	В	"	"	B ₁	H ₁	<u> </u>	d ₁	d ₂	Ł	(Fine)	'	Shaft Dia.	
	6	6	20	_	22.5	3.5	42	25	13	18	20	30	5.5	9.5		M6 x 0.75	12	_	
	88	8	23	_	26	4	52	32	17	25	26	26 38	6.6	11		M8 x 1.0	14	10	
	8	0	0 23	_	20	4	52	32	17		20	30	0.0	- 11				11.5	
	1022		10 24						40	22		32				11			14
	10S						70	43	25		35				- ' '	M10 x 1.0	17	12	
BSW	10			6	29.5	6		43	20	36	33	52	9	14				14	
BSWN	1223							41	23	_	33					M12 x 1.0	19	15	
BSWR	12							43	25		35						19	10	
	1526							46	26		36								
	1528	15	25	6	38	5	80	48	28	41	38	60	11	17	15	M15 x 1.0	22	20	
	15							50	*30	40		11	''	15					
	20	20	42	10	52	10	95	58	30	56	56 45	75				M20 x 1.0	30	25	
	25	25	48	13	59	14	105	68	35	66	25	85	11	_	_	M25 x 1.5	35	31	

(1), (3) (6), (7)

① Take care in combining No.20 with BSSZ(K)2510, BSSR(K)2510 and BSST2510 Ball Screws. The Ball Screw Nut may come in contact with the bottom surfaces.



Part Number BSW15

Support Units (Square, Fixed Side)

Economy Type / Fixed Side Radial Bearing

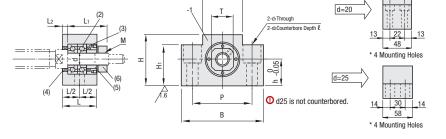


Tuna	Mat	erial	Surface Treatment					
Туре	(1), (3) (5), (6) (1), (3), (5), (6)							
BSWE	1045	1018 Carbon	Black Oxide					
BSWEM	Carbon		Electroless Nickel Plating					
BSWER	Steel	Steel	Low Temperature Black Chrome plating					

Component Details

No.	Part Name	Quantity
(1)	Bearing Housing	1
(2)	Angular Contact Bearing Class 0	1 Set
(3)	Cover	1
(4)	Oil Seal	2
(5)	Collar	1
(6)	Clamping Nut (with Set Piece)	1

BSWER bearing is filled with low particle generation grease. Do not disassemble (1), (2), (3) and (4), as they must remain as an assembled unit. EFor No.10S, the l.D. of oil seal is smaller than the previous No.10S version.



Part Numl		d	- 1	- 1	1	В	Н	h	B,	Н,	D	А	d	- 1	M (Fine)	т	Oil Seal Applicable
Type	No.	u		L ₁	L ₂	В	ן יי ן	" "	D ₁	n ₁	г	a ₁	a ₂	L	W (FILLE)	'	Shaft Dia.
	1022						40	22		32							14
	10S	10					43	25		35					M10x1.0	17	12
	10		27	29.5	6	70	43	25	36	33	52	9	14	11			14
DOWE	1223	12					41	23		33					M12x1.0	19	15
BSWE BSWEM	12	12					43	25		35					WIIZXI.U	19	10
BSWER	1526						*48	26		36							
2011211	1528	15	29	38	5	80	*50	28	41	38	60	11	17	15	M15x1.0	22	20
	15						*52	*30		40		''	17	13			
	20	20	48	52	10	95	95 58	30	56	45	75				M20x1.0	30	25
	25	25	58	59	14	105	68	35	66	25	85	11	-	-	M25x1.5	35	31

* When No.=15__, H dimension is taller than the Standard Type (P.764) by 2mm.

Take care in combining No.20 with BSSZ(K)2510, BSSR(K)2510 and BSST2510 Ball Screws. The ball screw nut may come in contact with the bottom surfaces.



Con

Part Number Type No.



O Low temperature black chrome plating products are filled with low particle generation grease for cleanrooms.





S10		
npone	nt Details	
mber	Part Name	Quantit
(1)	Bearing Housing	1

Number	Part Name	Quantit
(1)	Bearing Housing	1
(2)	Radial Bearing	1 Set
(3)	Cover	1
(4)	Oil Seal	1
(5)	Collar	1
(6)	Clamping Nut (with Set Piece)	1

Oil Seal 4 is not included in d=6. O Do not disassemble 1, 2, 3 and 4, as they must remain as an assembled unit.

To For No.8S and 10S, the I.D. of oil seal is smaller than the previous No.8S and No.10S versions.

Typo		uiai	Juliace Headilett			
Туре	(1), (3)	(6), (7)	(1), (3), (6), (7)			
BSWZ	1045	1018	Black Oxide			
BSWZM	Carbon Steel	Carbon Steel	Electroless Nickel Plating			
:: :: d=20	(4) (2) (3) M (6) (6) (5)	It is preloaded to withstan Keep rotational speed und * 4 Mounting Holes	2-di Through de Counterbore Depth &			

Steel	Carbon Steel	Electroless Nickel Plating	
(a) (b) (c) (c) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	It is preloaded to withstan Keep rotational speed und	2-di Through de Counterbore Depth &	

i	L	L,	L ₂	В	н	h	B ₁	H ₁	P	d ₁	d ₂	l	M (Fine)	Т	Oil Seal Applicable Shaft Dia.	
3	20	22.5	3.5	42	25	13	18	20	30	5.5	9.5		M6 x 0.75	12	_	
2	23	26	4	52	32	17	25	26	38	6.6	11]	M8 x 1.0	14	10	
,	23 20 4	7	32	52	17	2.5	20	30	0.0			INIO X 1.0	14	11.5		
					40	22		32				11			14	
0					43	25	5	35]			''	M10 x 1.0	17	12	
	27	29.5	6	6 70	70	45	25	36		52	9	14				14
2					41	23		33					M12 x 1.0	19	15	
_					43	25		35								
					*48	26		36								
5 29 38	38	5	80	*50	28	41	38	60	11	17	15	M15 x 1.0	22	20		
				*52	*30		40]	''	17	15					
n	48	52	10	95	58	30	56	45	75				M20 x 1.0	30	25	

* When No.=15__, H dimension is taller than Standard Type by 2 mm.

Part Number

Example

Take care in combining No.20 with BSSZ(K)2510, BSSR(K)2510 and BSST2510 Ball Screws. The ball screw nut may come in contact with the bottom surfaces.