

Links

Bearing Embedded

■ Features: Bearing integrated links to support rotations.

RoHS10

Type		Material		Surface Treatment		Accessory	
Single Bearing	Double Bearing	Links	Bearing	Links	Bearing	Retaining Ring	Set Screw
LNBB	LNBWB	S45C Equivalent	Steel	Black Oxide	Spring Steel	-	-
LNBM	LNBWM	SUS304	Stainless Steel	Electroless Nickel Plating	SUS304	SUS304	SUS304
-	LNBWS	SUS304	Stainless Steel	-	-	-	-

* Double Bearing Type has no set screw.

Section View A-A

Single Bearing Type

Double Bearing Type

• T Dimension Tolerance
T 10~16 19
-0.3~-0 -0.33~-0

Bearing Accuracy: JIS B 1514 Class 0 For details, see P.1-2239

Single Bearing Type

Part Number Type	d1	EH7 Selection	L 1mm Increment	W	T	ℓ	F	C	Tightening Screw M	Bearing No.	D1H7	Tolerance	dh	B
LNBB LNBW	5	3 4 5 6 8	20~150	20	10	L+22	10	5	When EH7 is 3 ~ 6, M3 8 ~ 16, M4 18 ~ 25, M6	605ZZ	14	+0.018	10	5
	6	3 4 5 6 8 10	25~150	20	10	L+25	12	5		606ZZ	17	0	13	6
	8	3 4 5 6 8 10 12 13 14 15 16	30~150	29	12	L+32	14	5		608ZZ	22	+0.021	18	7
	10	3 4 5 6 8 10 12 13 14 15 16 18	35~200	34	16	L+36	17	8		6000ZZ	26	0	22	8
	12	3 4 5 6 8 10 12 13 14 15 16 18 20	40~200	36	16	L+40	18	8		6001ZZ	28	0	24	8
	15	3 4 5 6 8 10 12 13 14 15 16 18 20 25	45~300	40	19	L+44	20	10		6002ZZ	32	+0.025	28	9
	20	3 4 5 6 8 10 12 13 14 15 16 18 20 25	55~300	50	19	L+56	26	10		6004ZZ	42	0	36	12
	25	3 4 5 6 8 10 12 13 14 15 16 18 20 25	55~300	56	19	L+63	29	10		6005ZZ	47	0	41	12

Double Bearing Type

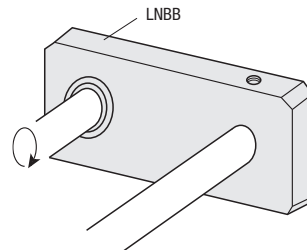
Part Number Type	d1	d2 Selection	L 1mm Increment	W	T	ℓ	F	C	d1/d2 Dimensions	Bearing No.
LNBWB LNBWM LNBWS	5	5	20~150	20	10	L+20	10	5	5 14 10 5	605ZZ
	6	5 6	25~150	20	10	L+24	12	6	6 17 13 6	606ZZ
	8	5 6 8	30~150	29	12	L+28	14	8	8 22 18 7	608ZZ
	10	5 6 8 10	30~150	34	16	L+34	17	10	10 26 22 8	6000ZZ
	12	5 6 8 10 12	35~200	36	16	L+36	18	12	12 28 24 8	6001ZZ
	15	5 6 8 10 12 15	40~200	40	19	L+40	20	15	15 32 28 9	6002ZZ
	20	5 6 8 10 12 15 20	45~300	50	19	L+52	26	20	20 42 36 12	6004ZZ
	25	5 6 8 10 12 15 20 25	55~300	56	19	L+58	29	25	25 47 41 12	6005ZZ

Ordering Example: Part Number - E - d2 - L
LNBB12 - 16 - 150
LNBWS10 - 5 - 150

d1	Unit Price				
	LNBB	LNBW	LNBWB	LNBWM	LNBWS
5	Min. L - 100	L101 - Max. L	Min. L - 100	L101 - Max. L	Min. L - 100
6					
8					
10					
12					
15					
20					
25					



• Fixes the shaft by the set screw side, and supports rotations by the bearing side.



Links

Oil Free Bushings Press Fit

■ Features: Links with embedded oil free bushings to prevent abrasions by rotating.

Type		Material		Surface Treatment		Accessory	
Single Bushing	Double Bushing	Links	Bushing	Links	Bushing	Retaining Ring	Set Screw
-	LNMBW	S45C Equivalent	Oil Free Bushing	Black Oxide	-	Hex Socket Set Screw (SUS304)	-
-	LNMBM	SUS304	Oil Free Bushing	Electroless Nickel Plating	-	-	-
-	LNMS	SUS304	Oil Free Bushing	-	-	-	-

* Double Bearing Type has no set screw.

Section View A-A

Single Bushing Type

Double Bushing Type

* The housing diameter of press fit part of oil free bushing is finished by tolerance H7.

Part Number Type	D1	D2 Selection	L 1mm Increment	T	W	ℓ	F	C	Tightening Screw M
Single Bushing Type LNMS	3	3 4	10~150	5	13	L+10	5	3	M3
	4	3 4	10~150						
	5	3 4 5	10~150						
	6	3 4 5 6	10~150	6	16	L+12	6	5	M4
	8	4 5 6 8	10~150						
	10	5 6 8	15~200						
	12	6 8	15~200	9	22	L+17	8	8	M6
	13	6 8 10 12 13	20~200						
	14	8 10 12 13 15	20~200						
	15	8 10 12 13 15	20~200	12	30	L+25	12	10	M6
	16	8 10 12 13 15	20~200						
	18	10 12 13 15 16 18	35~200						
	20	10 12 13 15 16 18 20	35~300	12	38	L+28	14	15	M6
	25	12 13 15 16 18 20 25	35~300						
	25	12 13 15 16 18 20 25	35~300						
Double Bushing Type LNMBW LNMBM LNMS	3	3	10~150	5	13	L+10	5	3	M3
	4	3 4	10~150						
	5	3 4 5	10~150						
	6	3 4 5 6	10~150	6	16	L+12	6	5	M4
	8	4 5 6 8	15~150						
	10	5 6 8 10	15~150						
	12	6 8 10 12	20~200	9	22	L+16	8	9	M6
	13	6 8 10 12 13	20~200						
	15	8 10 12 13 15	20~200						
	16	8 10 12 13 15 16	20~200	12	30	L+24	12	10	M6
	18	10 12 13 15 16 18	35~200						
	20	10 12 13 15 16 18 20	35~300						
	25	12 13 15 16 18 20 25	35~300	12	38	L+28	14	15	M6
	25	12 13 15 16 18 20 25	35~300						
	25	12 13 15 16 18 20 25	35~300						

Ordering Example: Part Number - D2 - L
LNMS10 - 6 - 70

Oil Free Bushing

Single Bushing Type		Oil Free Bushing		Double Bushing Type		Oil Free Bushing (2 pcs.)	
D1	D2	d (I.D.)	L (Overall Length)	D1	D2	d (I.D.)	L (Overall Length)
3, 4, 5, 6	3	3	4	3, 4, 5, 6	3	3	4
	4	4	4		4	4	4
	5	5	4		5	5	4
8, 10, 12	6	6	4	8	6	6	4
	8	8	5		8	8	5
	10	10	8		10	10	8
13, 14, 15, 16	12	12	8	10, 12, 13, 15	12	12	8
	13	13	8		13	13	8
	15	15	8		15	15	10
18, 20, 25	16	16	10	16, 18, 20, 25	16	16	10
	18	18	10		18	18	10
	20	20	10		20	20	10
25	25	10	25	25	10	25	

D1	Unit Price							
	LNMS		LNMBW		LNMBM		LNMS	
3	Min. L - 100	L101 - Max. L	Min. L - 100	L101 - Max. L	Min. L - 100	L101 - Max. L	Min. L - 100	L101 - Max. L
4								
5								
6								
8								
10								
12								
13								
14								
15								
16								
18								
20								
25								