

Tall Blocks Housing Units

Single / Compact

= For customers using industry standard products =

The part enclosed in the red frame is as per industry standard specifications (Outer cylinder EN 1.3505 Equiv. equivalent, Retainer resin). Consider these specifications while selecting the product.

Tall Blocks Housing Units

Double / Compact

= For customers using industry standard products =

The part enclosed in the red frame is as per industry standard specifications (Outer cylinder EN 1.3505 Equiv. equivalent, Retainer resin). Consider these specifications while selecting the product.

Features: Compact: Max. 6mm lower in height (H dimension) and Max. 3mm smaller in width (W dimension) than Standard. (Standard and Compact Comparison **P318**)

Industry Standard

Standard

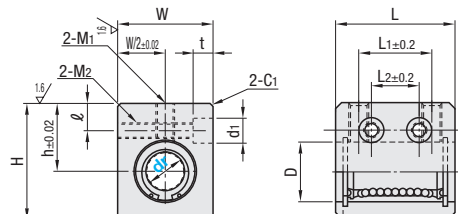


Compact

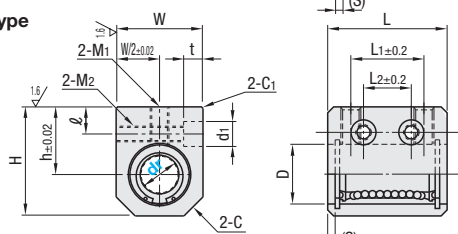


Type		Linear Bushing Used		Housing		Ambient Operating Temp.
Standard	Compact	Standard	Compact	Material	Surface Treatment	
LHSS	LHSSK	LMU	LMK	Aluminum Alloy	Clear Anodize	-20~80°C
LHSSF	-	LMUF	-			-20~110°C
SLHSS	-	SLMU	-			-20~80°C
SLHSSF	-	SLMUS	-			-20~110°C

Standard



Compact Type



dr	Tolerance	D		(S)	L	L1	L2	h		W		H		L	C	C1	d1xt
		Standard	Compact					Standard	Compact	Standard	Compact	Standard	Compact				
4	0	8	-	1.1	15	-	10	10	-	12	-	16	-	3	-	0.5	4.2x1.5 (For M2 Screws)
5	-0.008	10	-	4.0	25	16	7	13	-	15	-	20	-	-	-	1	6x5 (For M3 Screws)
(6)	0	12	10	3.0	27	18	9	14	13	16	14	22	20	5	4	1 or less	
(8)		15	13	4.0	32	20	10	16	15	20	17	26	24	5	5	1 or less	
(10)		19	17	4.0	39	27	15	19	18	26	23	32	30	6	6	1 or less	8x6 (For M4 Screws)
(12)		21	19	4.0	40	27	15	20	19	28	25	34	32	6	6	1 or less	
(13)		23	-	4.0	42	28	16	25	-	30	-	43	-	7	-	1	9x7 (For M5 Screws)
(16)		28	26	3.8	47	32	18	27	26	36	33	49	43	7	7	1 or less	
20	0	32	-	3.2	52	36	-	31	-	42	-	54	-	8	-	1	11x8 (For M6 Screws)
25		40	-	3.2	69	42	22	37	-	52	-	65	-	9	-	1	14x10 (For M8 Screws)
30		45	-	3.2	74	44	-	40	-	58	-	71	-	9	-	1	

For Precautions for Use, see **P303**. Only dr dimensions in () are available for Compact. Make certain that the screws do not interfere with the bushing as M1 are through holes. Standard dr4 has one M1 mounting hole only. The datum surface is located on the other side of product ID label.

Features: Compact: Max. 6mm lower in height (H dimension) and Max. 3mm smaller in width (W dimension) than Standard. (Standard and Compact Comparison **P318**)

Industry Standard

Standard

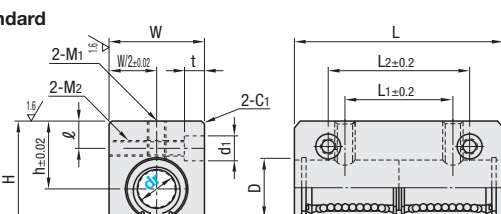


Compact

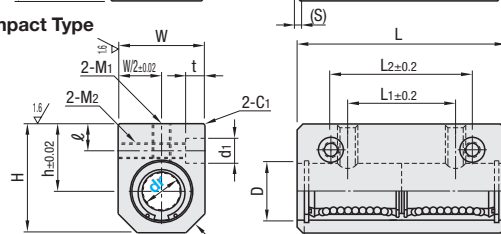


Type		Linear Bushing Used		Housing		Ambient Operating Temp.
Standard	Compact	Standard	Compact	Material	Surface Treatment	
LHSSW	LHSSKW	LMU	LMK	Aluminum Alloy	Clear Anodize	-20~80°C
LHSSWF	-	LMUF	-			-20~110°C
SLHSSW	-	SLMU	-			-20~80°C
SLHSSWF	-	SLMUS	-			-20~110°C

Standard



Compact Type



dr	Tolerance	D		(S)	L	L1	L2	h		W		H		L	C	C1	d1xt
		Standard	Compact					Standard	Compact	Standard	Compact	Standard	Compact				
4	0	8	-	1.1	27	14	22	10	-	12	-	16	-	3	-	0.5	4.2x1.5 (For M2 Screws)
5	-0.008	10	-	4.0	40	18	28	13	-	15	-	20	-	-	-	1	6x5 (For M3 Screws)
(6)	0	12	10	3.0	46	20	30	14	13	16	14	22	20	5	4	1 or less	
(8)		15	13	4.0	56	30	42	16	15	20	17	26	24	5	5	1 or less	
(10)		19	17	4.0	68	36	50	19	18	26	23	32	30	6	6	1 or less	8x6 (For M4 Screws)
(12)		21	19	4.0	70	36	50	20	19	28	25	34	32	6	6	1 or less	
(13)		23	-	4.0	74	42	55	25	-	30	-	43	-	7	-	1	9x7 (For M5 Screws)
(16)		28	26	3.8	84	52	65	27	26	36	33	49	43	7	7	1 or less	
20	0	32	-	3.2	94	58	70	31	-	42	-	54	-	8	-	1	11x8 (For M6 Screws)
25		40	-	3.2	128	80	100	37	-	52	-	65	-	9	-	1	14x10 (For M8 Screws)
30		45	-	3.2	138	90	110	40	-	58	-	71	-	9	-	1	

For Precautions for Use, see **P303**. Only dr dimensions in () are available for Compact. Make certain that the screws do not interfere with the bushing as M1 are through holes. The datum surface is located on the other side of product ID label.

Part Number		Unit Price				
Type	dr	Standard		Compact		
		LHSS	LHSSF	SLHSS	SLHSSF	
(Standard)	4	-	-	-	-	-
	5	-	-	-	-	-
	6	-	-	-	-	-
	8	-	-	-	-	-
	10	-	-	-	-	-
(Compact)	12	-	-	-	-	-
	13	-	-	-	-	-
	16	-	-	-	-	-
	20	-	-	-	-	-
	25	-	-	-	-	-
	30	-	-	-	-	-

dr	Basic Load Rating				Mass (g)	
	C (Dynamic) N		Co (Static) N		Standard	Compact
4	88	-	127	-	8	-
5	167	-	206	-	18	-
6	206	131	265	155	22	17
8	265	235	380	277	40	32
10	372	368	549	433	80	67
12	412	381	598	449	90	80
13	510	-	608	-	132	-
16	775	608	1180	716	204	155
20	882	-	1370	-	272	-
25	980	-	1570	-	574	-
30	1570	-	2740	-	710	-

kgf=Nx0.101972

Part Number		Unit Price				
Type	dr	Standard		Compact		
		LHSSW	LHSSWF	SLHSSW	SLHSSWF	
(Standard)	4	-	-	-	-	-
	5	-	-	-	-	-
	6	-	-	-	-	-
	8	-	-	-	-	-
	10	-	-	-	-	-
(Compact)	12	-	-	-	-	-
	13	-	-	-	-	-
	16	-	-	-	-	-
	20	-	-	-	-	-
	25	-	-	-	-	-
	30	-	-	-	-	-

dr	Basic Load Rating				Allowable Static Moment (N·m)		Mass (g)	
	C (Dynamic) N		Co (Static) N		Standard	Compact	Standard	Compact
4	176	-	254	-	0.63	-	14	-
5	263	-	412	-	1.38	-	35	-
6	324	206	529	309	2.18	2.46	40	34
8	431	383	784	555	4.31	5.76	75	60
10	588	585	1100	867	7.24	10.99	150	126
12	657	608	1200	899	10.9	11.85	168	150
13	813	-	1570	-	11.6	-	248	-
16	1230	965	2350	1431	19.7	23.48	383	296
20	1400	-	2740	-	26.8	-	520	-
25	1560	-	3140	-	43.4	-	1120	-
30	2490	-	5490	-	82.8	-	1384	-

kgf=Nx0.101972

Ordering Example
Part Number
LHSS12
LHSS12L (L Type Greased)
LHSS12G (G Type Greased)
LHSS12H (H Type Greased)

Alternative grease types available.
For Days to Ship, Price and Performance, see **P304**

Ordering Example
Part Number
LHSSW12
LHSSW12L (L Type Greased)
LHSSW12G (G Type Greased)
LHSSW12H (H Type Greased)

Alternative grease types available.
For Days to Ship, Price and Performance, see **P304**