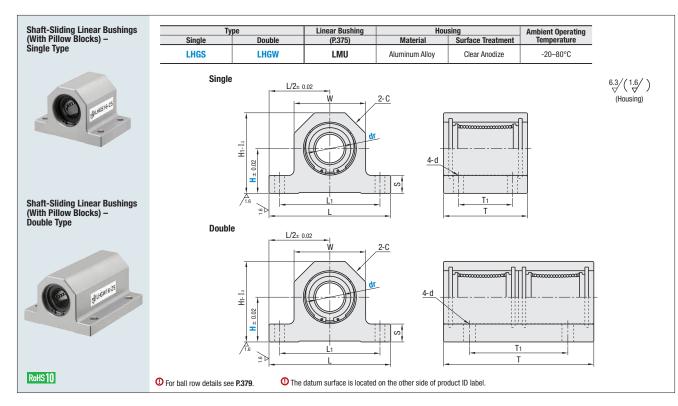
Shaft-Sliding Linear Bushings (With Pillow Blocks)

Single / Double Type



Part Numl	oer	Н		Н	T		T ₁			w		_		- 4
Туре	dr	Selectable		п1	Single	Double	Single	Double	8	VV	U	U ₁	L1	a
Single	12	15 20 25	58	H+15	40	70	25	50	8	30	8.5		46	5.5
LHGS	16	20 25 30	68	H+20	47	84	30	55	10	40	11.5		56	5.5
	20	20 25 30	72	H+22	52	94	35	60	12	44	12.5	0.5	60	5.5
Double	25	25 30 40	90	H+27.5	69	128	50	90	15	55	16		75	6.6
LHGW	30	30 40 50	105	H+32.5	74	138	55	100	20	65	18		85	9

① For Precautions for Use, see P.369. ① The datum surface is located on the other side of product ID label. ① For linear bushings, hardened shafts with g6 tolerance are recommended. P.202–288

		Basic Loa	ad Rating		Allowahla Ctati	c Moment (N·m)	Mass(g)			
dr	C (Dyna	amic) N	Co (St	atic) N	Allowable Stati	c woment (N·m)	Single	Double		
	Single	Double	Single	Double	Single	Double	Sillyle	Double		
12	412	657	598	1200	_	10.9	41	80		
16	775	1230	1180	2350	_	19.7	73	145		
20	882	1400	1370	2740	_	26.8	98	180		
25	980	1560	1570	3140	_	43.4	236	440		
30	1570	2490	2740	5490	_	82.8	262	480		

Features of Shaft-Sliding Linear Bushings with Pillow Blocks

- $-\operatorname{\mathsf{As}}$ the height is selectable, there is no need to use Height Adjusting Spacers.
- As Spacers are not required, parts count and cost can be reduced.
- $\boldsymbol{-}$ Can be easily screw mounted from above, suitable for shaft-sliding mechanisms.
- Compact specifications for space saving.





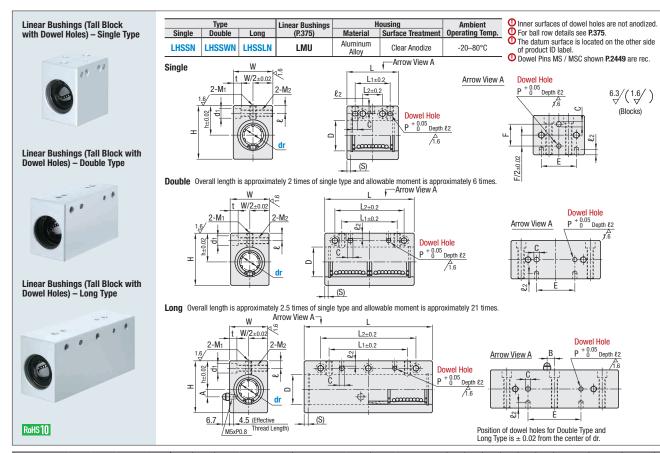
● LHGS12L - 15 (L Type Greased)
● LHGW30G - 30 (G Type Greased)
● LHGW20H - 25 (H Type Greased)

① Alternative grease types available



Linear Bushings (Tall Block with Dowel Holes)

Single / Double / Long Type



Part Number Televance																					M ₁	M ₂				
	Tuna	dr	Tolerance		Tolerance		(S)	L			L ₁			L ₂			h	W	н	Ł	Α	В	(Effective	(Effective	d₁xt	C
	Туре		Single	Double	Long			Single	Double	Long	Single	Double	Long	Single	Double	Long							Length)	Length)		
	8				15	3.0	32	56	_ 2	20	30	_	10	42	_	16	20	26	5			M5 (8.5)	M4 (15)	6 x 5 (For M3 Screws)		
		10		0	_	19		39	68	_	07	00	_	45		_	19	26	32		_	_	MC (0.5)	M5 (20)	8 x 6	
	12	-0.009				21	4.0	40	70	_	27	36	_	15	50	_	20	28	34	6			M6 (9.5)	M5 (22)	(For M4 Screws)	
	LHSSN	13				23		42	74	_	28	42	_	16	55	_	25	30	43					M6 (23)	9 x 7	
	LHSSWN LHSSLN	(16)			0 -0.015	28		47	84	121	32	32 52	74		65	90	27	36	49	7	7	7	M6 (13)	M6 (29)	(For M5 Bolt)	
LHOOLN		(20)	0	0	0	32	3.8	52	94	136	36	58	82	18	70	102	31	42	54	8		8	M8 (15)	M8 (34)	11 x 8 (For M6 Screws)	
		(25)	-0.010	-0.012	-0.018	40	0.0	69	128	187	42	80	116	00	100	140	37	52	65		0	0	M10 (17)	M10 (42)	14 x 10	
		(30)				45	3.2	74	138	202	44	90	128	22	110	152	40	58	71	9		9	M10 (17.5)	M10 (48)	(For M8 Screws)	

① For Precautions for Use, see **P.369**. ① Position of dowel holes for Double Type and Long Type is ± 0.02 from the center of dr. ① Long Type is available in dr dimensions in () only. ① Inner surfaces of dowel holes are not anodized. ② Make certain that the screws do not interfere with the bushing as M, are through holes. ① The datum surface is located on the other side of product ID label. ② Dowel Pins MS and MSC on **P.2449** are recommended.

			Dowel	Hole Dime	nsions					Basic Loa	ad Rating			A II 1-1-	04-4'- 14	(NI)	NA(-)			
dr	_	_	l ₂		E			C (Dynamic) N			(Co (Static) I	V	Allowable	Static Mon	nent (N·m)	Mass(g)			
	P	, i		Single	Double	Long	F	Single	Double	Long	Single	Double	Long	Single	Double	Long	Single	Double	Long	
8	2.5	3.5	3	22	16	_	12	265	431	_	380	784	_	_	4.31	16.0	40	75	_	
10				20	20	_	16	372	588	_	549	1100	_	_	7.24	27.0	80	150	_	
12		_	_	29	20	_	18	412	657	_	598	1200	_	_	10.9	40.1	90	168	_	
13	4) 3) 3	30	26	_	50 20	510	813	_	784	1570	_	_	11.6	42.9	132	248	_	
16				32	36	50		775	1230	1230	1180	2350	2350	_	19.7	73.5	204	383	569	
20				36	38	60		882	1400	1400	1370	2740	2740	_	26.8	98.0	272	520	788	
25	5	6	6	42	58	90	26	980	1560	1560	1570	3140	3140	_	43.4	157	574	1120	1653	
30				44	68	100	30	1570	2490	2490	2740	5490	5490	_	82.8	297	710	1384	2041	

kgf=Nx0.101972



Part Number

LHSSN16

LHSSN20L (L Type Greased)

LHSSN16G (G Type Greased)

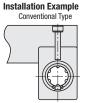
LHSSN20H (H Type Greased)

Alternative grease types available

Features of Dowel Hole Type

- By the dowel holes provided on the mounting interface surface, locating work using the side datum can be eliminated.

 (See example on right)
- Machining work can be reduced for the top plate to be mounted on the block.





Locating with a shoulder as the datum

Locating with dowel holes and pins

