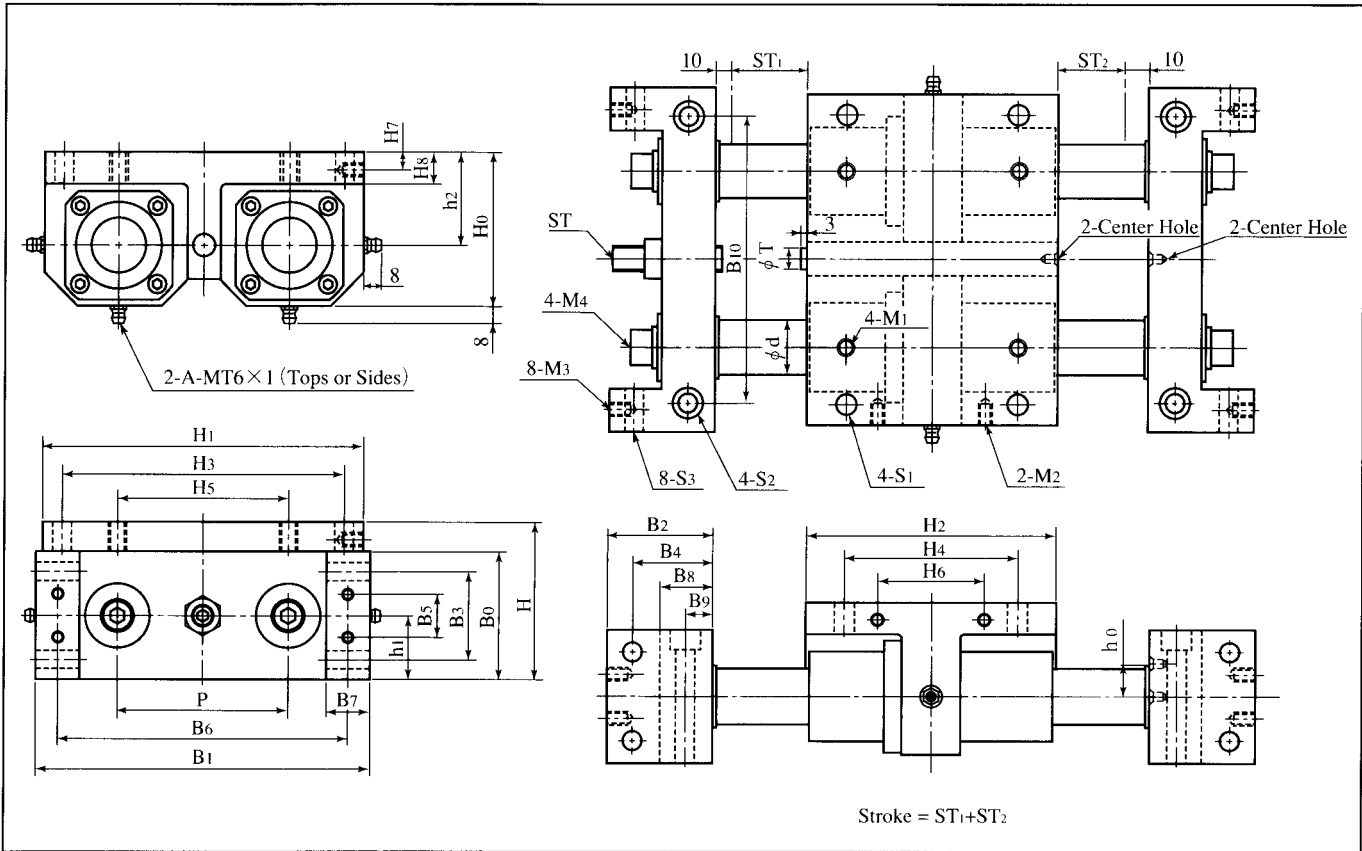


Table 65 : LU Series Dimensions Table

Model No.	Shaft Dia. d	Major Dimensions (mm)																		
		P	H	h ₀	h ₁	h ₂	H ₀	H ₁	H ₂	H ₃	H ₄	H ₅	H ₆	H ₇	H ₈	B ₀	B ₁	B ₂	B ₃	B ₄
LU6	6	35	32	7	14	18	30	65	37	54	27	35	15	2.5	5	28	68	19	20	14
LU8	8	40	35	8	15	20	33.5	72	47	62	36	40	22	3	6	30	75	19	22	14
LU10	10	45	43	9	18	25	41	85	57	72	44	45	28	4	8	36	88	22	26	16
LU12	12	50	47	10	19	28	45	94	59	80	46	50	30	5	10	38	98	22	28	16
LU16	16	60	53	12	23	30	50	114	70	98	54	60	36	5	10	46	118	28	33	20
LU20	20	70	60	13	25	35	57	126	82	110	62	70	42	6	12	50	130	30	36	22
LU25	25	80	73	15	30	43	70	150	115	130	90	80	50	8	15	60	156	38	42	28
LU30	30	100	81	17	34	47	78	180	125	160	100	100	70	8	15	68	186	40	50	30
LU35	35	110	90	20	39	51	86	200	138	178	110	110	84	8	16	78	208	48	56	36
LU40	40	120	105	23	45	60	100	220	158	196	130	120	90	10	19	90	230	50	66	38

* Linear Bearing : Non-Rust with Oil Holes (M2LFDK-OH Series)
 * Material : Housing=Al Casting, Shaft Blocks=S45C, Shaft=SUJ-2, SUS440C or Hcr Plating



Major Dimensions (mm)						Setting Bolt (mm)								Stopper		Linear Bearing Model No.	Basic Load			Basic Weight (kgf) + Stroke (kgf/m)
B_5	B_6	B_7	B_8	B_9	B_{10}	S_1	S_2	S_3	M_1	M_2	M_3	M_4	ST	T	C (kgf)		C_0 (kgf)	M (kgf·m)		
10	60	8	9	5	58	4.5	M4	4.5	M4	M3	M3	M3	M6	8	M2LFDK6-OH	28	44	0.49	0.46 0.44	
12	67	8	9	5	65	4.5	M4	4.5	M4	M3	M3	M4	M6	8	M2LFDK8-OH	44	64	0.88	0.60 0.79	
15	78	10	10	6	76	5.5	M5	5.5	M5	M4	M4	M5	M6	8	M2LFDK10-OH	80	120	1.8	1.00 1.23	
16	88	10	10	6	86	5.5	M5	5.5	M5	M4	M4	M5	M6	8	M2LFDK12-OH	112	172	2.8	1.29 1.78	
20	106	12	12	7	104	6.6	M6	6.6	M6	M5	M5	M6	M10	10	M2LFDK16-OH	184	304	5.5	2.18 3.16	
22	116	14	14	8	114	6.6	M6	6.6	M6	M5	M6	M6	M10	10	M2LFDK20-OH	208	412	7.2	3.18 4.93	
24	138	18	18	10	136	9	M8	9	M8	M6	M6	M8	M10	10	M2LFDK25-OH	416	772	16.6	6.20 7.71	
30	166	20	20	10	166	9	M8	9	M8	M6	M8	M8	M10	10	M2LFDK30-OH	592	904	29.6	8.95 11.1	
34	184	24	24	12	184	11	M10	11	M10	M6	M8	M10	M12	12	M2LFDK35-OH	668	1000	36.7	13.6 15.1	
40	204	26	26	13	204	11	M10	11	M10	M6	M10	M10	M12	12	M2LFDK40-OH	1120	1600	67.2	20.0 19.7	

<How to use the LU Series>

- ① The method of setting grease nipples is setting top positions or both sides positions, please select the installation which way is suitable for the customer use.
- ② Stopper bolt for setting position and numbering called A model.
- ③ Called B model with two center holes, one side hole used for joining air cylinder head thread and other hole used for setting stopper bolt. These two thread machined by the customer.
- ④ These setting holes are used for vertical installation.
- ⑤ These threads are used for setting the plate for the customer's applications.
- ⑥ These threads are used for setting the positioning sensor or joining the head of rod less cylinder.
- ⑦ Standard shaft materials are used bearing steel (SUJ2), also we can supply stainless steel and Hcr plating shafts. Please order to us S : SUJ-2, SS : stainless steel or Hcr : Hcr plating.
- ⑧ Linear bearings are used M2 LFDK-OH (Non-Rust) series for our standard, also we can supply SUJ-2 or M series. Please order to us M2, L or M.
- ⑨ Material LUB : S45C, LUBA : Aluminum Your requirement is Al material case, please indicate A mark the end of numbering and S45C steel case no need to indicate.

<Numbering>

Model No.	Stroke	Stopper	Shaft	Bearing	LUB	QTY.
LU20 × 300	-A, B	-S	-M2	-A	/2set	(Standard)
	-A, A	-SS	-L			
	-B, B	-Hcr	-M			

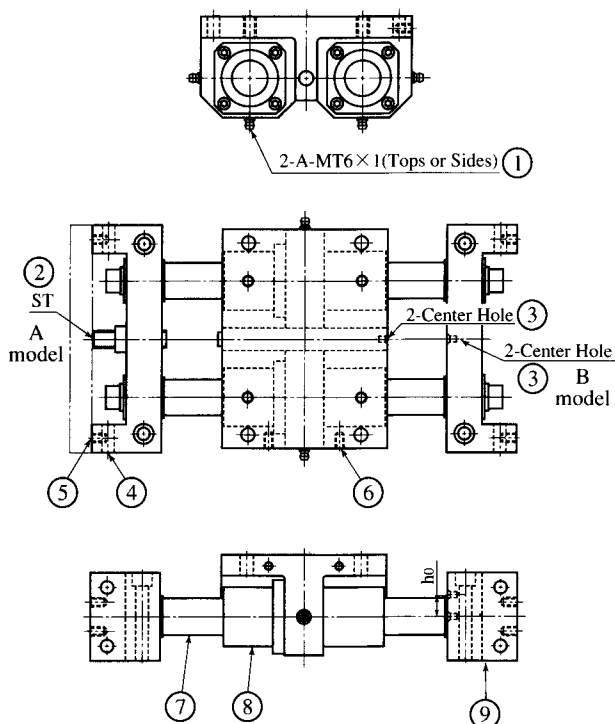


Table 66 : Standard Strokes Table

Model No.	Standard Strokes (mm)															
	50	100	150	200	250	300	350	400	450	500	600	700	800	900	1000	
LU6	○	○	○	○	○	○	○	○								
LU8	○	○	○	○	○	○	○	○	○	○						
LU10	○	○	○	○	○	○	○	○	○	○	○	○				
LU12	○	○	○	○	○	○	○	○	○	○	○	○	○			
LU16		○	○	○	○	○	○	○	○	○	○	○	○	○	○	
LU20		○	○	○	○	○	○	○	○	○	○	○	○	○	○	
LU25				○	○	○	○	○	○	○	○	○	○	○	○	
LU30				○	○	○	○	○	○	○	○	○	○	○	○	
LU35					○	○	○	○	○	○	○	○	○	○	○	
LU40						○	○	○	○	○	○	○	○	○	○	

* We can also supply the customer's demand strokes.