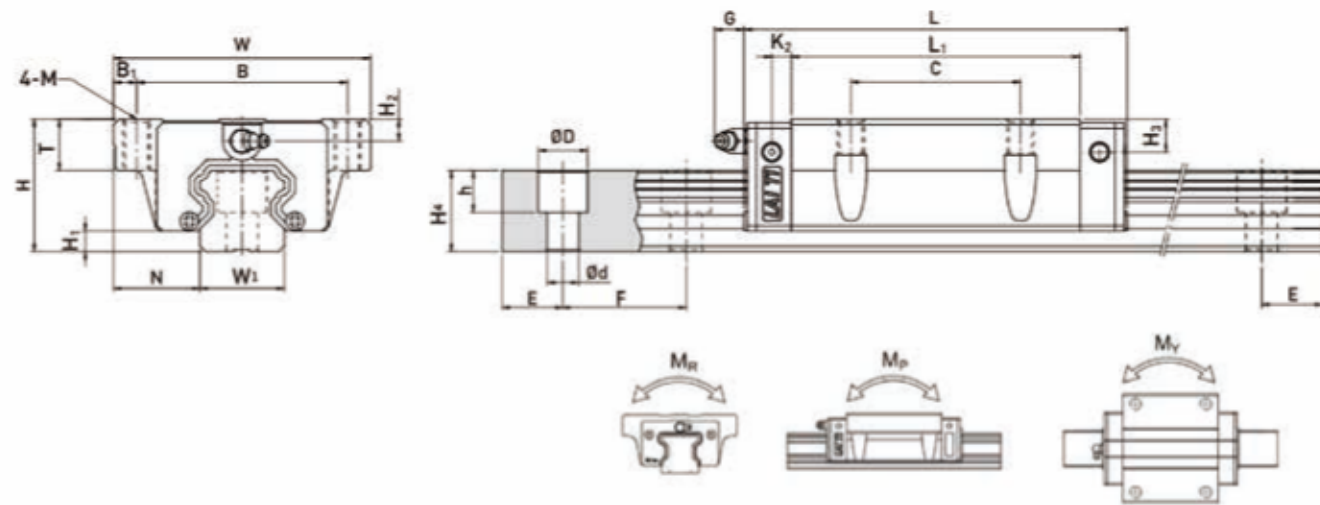


LDH series linear guide dimension table

○ LDHW-CA / LDHW-HA



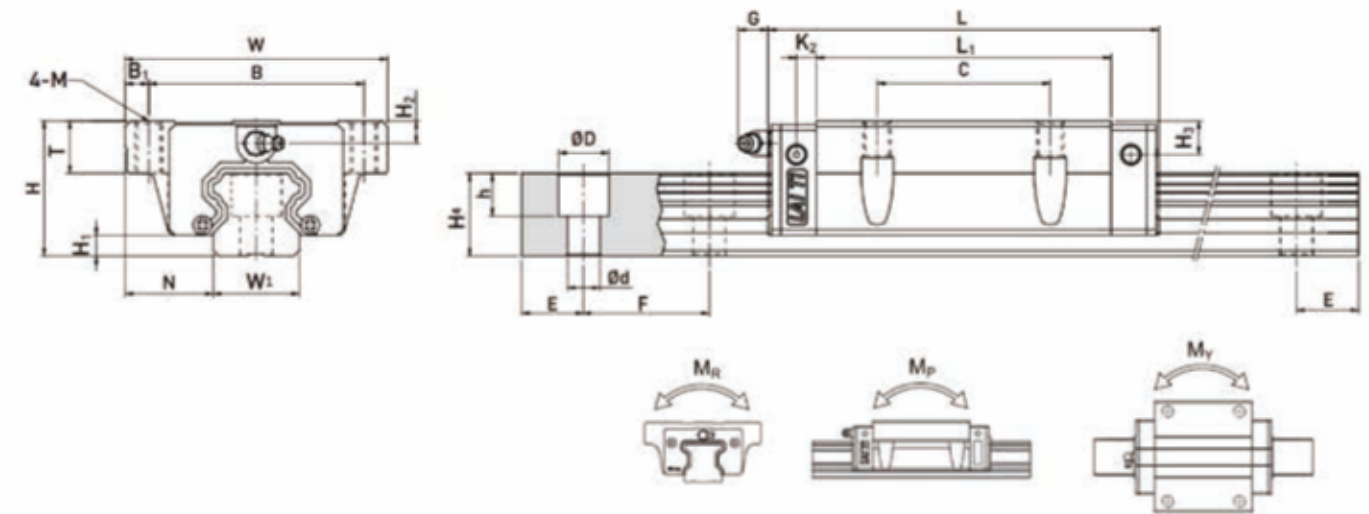
Linear Guide parameter

Note: 1kgf=9.81N

Model	Assembly dimension (mm)		Block dimension (mm)													Rail dimension (mm)										Static permissible moment			Weight	
	H	H ₁	N	W	B	B ₁	C	L ₁	L	k ₂	G	M	T	H ₂	H ₃	W ₁	H ₄	D	h	d	F	E	(mm)	C _{dyn} (kN)	C _{st} (kN)	M _R	M _P	M _Y	Block	Rail
LDHW15CA	24	4.3	16	47	38	4.5	30	39.4	61.4	4.85	5.3	M5	8.9	3.95	3.7	15	15	7.5	5.3	4.5	60	20	M4X16	11.38	16.97	0.12	0.10	0.10	0.17	1.45
LDHW20CA	30	4.6	21.5	63	53	5	40	50.5	77.5	6	12	M6	10	6	6	20	17.5	9.5	8.5	6	60	20	M5X16	17.75	27.76	0.27	0.20	0.20	0.40	2.21
LDHW20HA								65.2	92.2															21.18	35.90	0.35	0.35	0.35	0.52	
LDHW25CA	36	5.5	23.5	70	57	6.5	45	58	84	6	12	M8	14	6	5	23	22	11	9	7	60	20	M6X20	26.48	36.49	0.42	0.33	0.33	0.59	3.21
LDHW25HA								78.6	104.6															32.75	49.44	0.56	0.57	0.57	0.80	
LDHW30CA	42	6	31	90	72	9	52	70	97.4	6	12	M10	16	6.5	10.8	28	26	14	12	9	80	20	M8X25	38.74	52.19	0.66	0.53	0.53	1.09	4.47
LDHW30HA								93	120.4															47.27	69.16	0.88	0.92	0.92	1.44	
LDHW35CA	48	7.5	33	100	82	9	62	80	112.4	7	12	M10	18	9	12.6	34	29	14	12	9	80	20	M8X25	49.52	69.16	1.16	0.81	0.81	1.56	6.30
LDHW35HA								105.8	138.2															60.21	91.63	1.54	1.40	1.40	2.06	
LDHW45CA	60	9.5	37.5	120	100	10	80	97	139.4	10	12.9	M12	22	8.5	20.5	45	38	20	17	14	105	22.5	M12X35	77.57	102.71	1.98	1.55	1.55	2.79	10.41
LDHW45HA								128.8	171.2															94.54	136.46	2.63	2.68	2.68	3.69	
LDHW55CA	70	13	43.5	140	116	12	95	117.7	166.7	11	12.9	M14	26.5	12	19	53	44	23	20	16	120	30	M14X45	114.44	148.33	3.69	2.64	2.64	4.52	15.08
LDHW55HA								155.8	204.8															139.35	196.20	4.88	4.57	4.57	5.96	
LDHW65CA	90	15	53.5	170	142	14	110	144.2	200.2	14	12.9	M16	37.5	15	15	63	53	26	22	18	150	35	M16X50	163.63	215.33	6.65	4.27	4.27	9.17	21.18
LDHW65HA								203.6	259.6															208.36	303.13	9.38	7.38	7.38	12.89	

LDH series linear guide dimension table

○ LDHW-CB / LDHW-HB



Linear Guide parameter

Note: 1kgf=9.81N

Model	Assembly dimension (mm)			Block dimension (mm)													Rail dimension (mm)										Size of fixed bolts for sliding rails	Basic dynamic load capacity	Basic static load capacity	Static permissible moment			Weight	
	H	H ₁	N	W	B	B ₁	C	L ₁	L	k ₂	G	M	T	H ₂	H ₃	W ₁	H ₄	D	h	d	F	E	(mm)	C _{dyn} (kN)	C ₀ (kN)	M _R	M _P	M _Y	Block	Rail				
LDHW15CB	24	4.3	16	47	38	4.5	30	39.4	61.4	4.85	5.3	4.5	8.9	3.95	3.7	15	15	7.5	5.3	4.5	60	20	M4X16	11.38	16.97	0.12	0.10	0.10	0.17	1.45				
LDHW20CB	30	4.6	21.5	63	53	5	40	50.5	77.5	6	12	6	10	6	6	20	17.5	9.5	8.5	6	60	20	M5X16	17.75	27.76	0.27	0.20	0.20	0.40	2.21				
LDHW20HB								65.2	92.2															21.18	35.90	0.35	0.35	0.35	0.52					
LDHW25CB	36	5.5	23.5	70	57	6.5	45	58	84	6	12	7	14	6	5	23	22	11	9	7	60	20	M6X20	26.48	36.49	0.42	0.33	0.33	0.59	3.21				
LDHW25HB								78.6	104.6															32.75	49.44	0.56	0.57	0.57	0.80					
LDHW30CB	42	6	31	90	72	9	52	70	97.4	6	12	9	16	6.5	10.8	28	26	14	12	9	80	20	M8X25	38.74	52.19	0.66	0.53	0.53	1.09	4.47				
LDHW30HB								93	120.4															47.27	69.16	0.88	0.92	0.92	1.44					
LDHW35CB	48	7.5	33	100	82	9	62	80	112.4	7	12	9	18	9	12.6	34	29	14	12	9	80	20	M8X25	49.52	69.16	1.16	0.81	0.81	1.56	6.30				
LDHW35HB								105.8	138.2															60.21	91.63	1.54	1.40	1.40	2.06					
LDHW45CB	60	9.5	37.5	120	100	10	80	97	139.4	10	12.9	11	22	8.5	20.5	45	38	20	17	14	105	22.5	M12X35	77.57	102.71	1.98	1.55	1.55	2.79	10.41				
LDHW45HB								128.8	171.2															94.54	136.46	2.63	2.68	2.68	3.69					
LDHW55CB	70	13	43.5	140	116	12	95	117.7	166.7	11	12.9	14	26.5	12	19	53	44	23	20	16	120	30	M14X45	114.44	148.33	3.69	2.64	2.64	4.52	15.08				
LDHW55HB								155.8	204.8															139.35	196.20	4.88	4.57	4.57	5.96					
LDHW65CB	90	15	53.5	170	142	14	110	144.2	200.2	14	12.9	16	37.5	15	15	63	53	26	22	18	150	35	M16X50	163.63	215.33	6.65	4.27	4.27	9.17	21.18				
LDHW65HB								203.6	259.6															208.36	303.13	9.38	7.38	7.38	12.89					