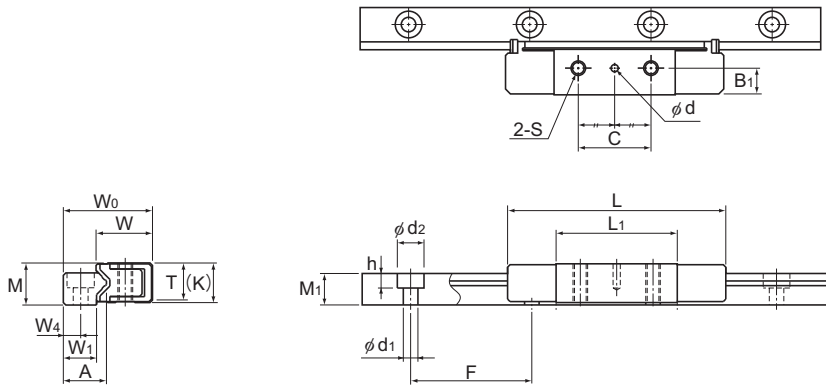


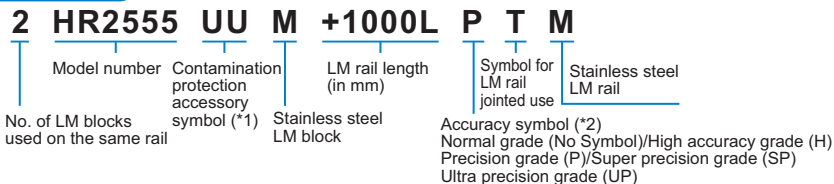
Models HR, HR-T, HR-M, and HR-TM



Models HR918 and 918M

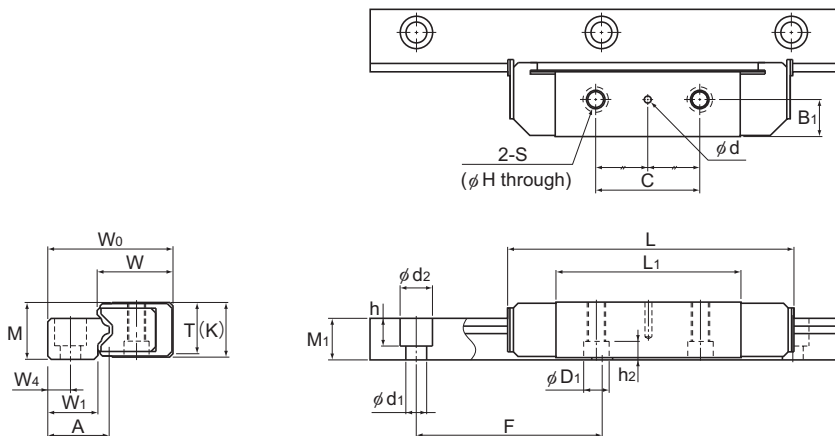
Model No.	Outer dimensions				LM block dimensions									
	Height	Width		Length									Lubrication hole	
	M	W	W ₀	L	B ₁	C	H	S	h ₂	L ₁	T	K	d	D ₁
HR 918 HR 918M	8.5	11.4	18	45	5.5	15	—	M3	—	25	7.5	8	1.5	—
HR 1123 HR 1123M	11	13.7	23	52	7	15	2.55	M3	3	30	9.5	10	2	5
HR 1530 HR 1530M	15	19.2	30	69	10	20	3.3	M4	3.5	40	13	14	2	6.5
HR 2042 HR 2042M	20	26.3	42	91.6	13	35	5.3	M6	5.5	56.6	17.5	19	3	10
HR 2042T HR 2042TM	20	26.3	42	110.7	13	50	5.3	M6	5.5	75.7	17.5	19	3	10
HR 2555 HR 2555M	25	33.3	55	121	16	45	6.8	M8	7	80	22.5	24	3	11
HR 2555T HR 2555TM	25	33.3	55	146.4	16	72	6.8	M8	7	105.4	22.5	24	3	11

Model number coding



(*1) See contamination protection accessory on **A1-543**. (*2) See **A1-83**.

Note) One set of model HR means a combination of two LM rails and LM blocks used on the same plane.



Models HR1123 to 2555M/T/TM

Unit: mm

LM rail dimensions							Basic load rating		Static permissible moment kN·m*				Mass	
Width	Width	Pitch	Height	Pitch	Length*	C	C ₀	M _A		M _B		LM block	LM rail	
								W ₁	W ₄	A	M ₁			F
6.7	3.5	8.7	6.5	25	3 × 5.5 × 3	300 (300)	2.82	3.48	0.0261	0.194	0.0261	0.194	0.01	0.3
9.5	5	11.6	8	40	3.5 × 6 × 4.5	500 (500)	4.09	4.93	0.0472	0.311	0.0472	0.311	0.03	0.5
10.7	6	13.5	11	60	3.5 × 6 × 4.5	1600 (800)	7.56	8.77	0.112	0.733	0.112	0.733	0.08	1
15.6	8	19.5	14.5	60	6 × 9.5 × 8.5	2200 (1000)	17	18.2	0.325	2.01	0.325	2.01	0.13	1.8
15.6	8	19.5	14.5	60	6 × 9.5 × 8.5	2200 (1000)	20.8	24.3	0.56	3.16	0.56	3.16	0.26	1.8
22	10	27	18	80	9 × 14 × 12	3000 (1000)	33.2	35.1	0.897	5.04	0.897	5.04	0.43	3.2
22	10	27	18	80	9 × 14 × 12	3000 (1000)	40	45.9	1.49	7.8	1.49	7.8	0.5	3.2

Note) The maximum length under "Length*" indicates the standard maximum length of an LM rail. (See **A1-282**.)
 Static permissible moment* 1 block: the static permissible moment value with two LM rails, one LM block per rail, used on the same plane
 Double blocks: static permissible moment when two LM blocks are in close contact with each other on two LM rails used on the same plane
 A moment in the M_B direction can be received if two rails are used in parallel. However, since it depends on the distance between the two rails, it has been omitted.
 Total block length L : The total block length L shown in the table is the length with the dust-proof parts (code: UU).
 The M in the model number symbol indicates that the LM block, LM rail and balls are made of stainless steel.
 The stainless steel provides excellent corrosion and environmental resistance.

Options⇒ **A1-503**

THK **A1-279**

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