

JR

LM Guide

B Product Specifications

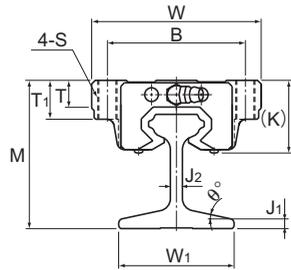
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A Technical Descriptions of the Products (Separate)

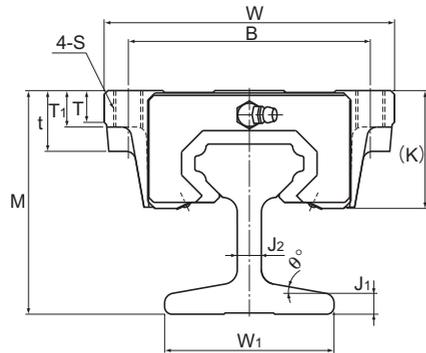
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* Please see the separate "A Technical Descriptions of the Products".

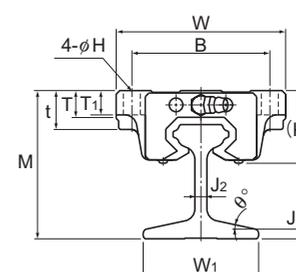
Models JR-A, JR-B and JR-R



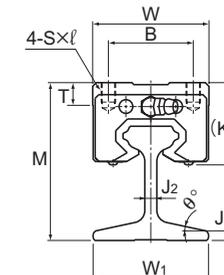
Models JR25 and 35-A



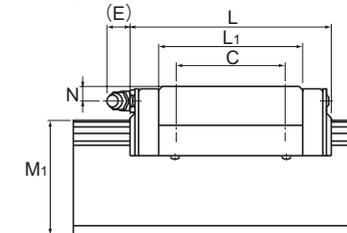
Models JR45 and 55-A



Model JR-B



Model JR-R



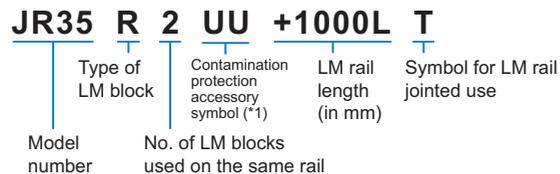
Unit: mm

Model No.	Outer dimensions			LM block dimensions												Grease nipple	LM rail dimensions					Basic load rating		Static permissible moment kN-m*					Mass						
	Height	Width	Length	B	C	H	S×l	L1	t	T	T1	K	N	E	Width		J1	J2	θ°	Height	Length*	C	C0	MA		MB		MC	LM block	LM rail					
	M	W	L												W1					M1	Max	kN	kN	1 block	Double blocks	1 block	Double blocks	1 block	kg	kg/m					
JR 25A	61	70		57	45	—	M8*		—	11	16	30.5	6	12	B-M6F	48	4	5	12	47	2000	19.9	34.4	0.307		1.71		0.307		1.71		0.344		0.59	4.2
JR 25B	61	70	83.1	57	45	7	—	59.5	16	11	10	30.5	6																						
JR 25R	65	48		35	35	—	M6×8		—	9	—	34.5	10																						
JR 35A	73	100		82	62	—	M10*		—	12	21	40	8	B-M6F	54	7	8	10	54	4000	37.3	61.1	0.782		3.93		0.782		3.93		0.905		1.6	8.6	
JR 35B	73	100	113.6	82	62	9	—	80.4	21	12	13	40	8																						
JR 35R	80	70		50	50	—	M8×12		—	11.7	—	47.4	15																						
JR 45A	92	120		100	80	—	M12*		98	25	13	15	50	10	B-PT1/8	70	8	10	10	70	4000	60	95.6	1.42		7.92		1.42		7.92		1.83		2.8	15.2
JR 45B	92	120	145	100	80	11	—		25	13	15	50	10																						
JR 45R	102	86		60	60	—	M10×17		—	15	—	59.4	20																						
JR 55A	114	140		116	95	—	M14*		118	29	13.5	17	57	11	B-PT1/8	93	4.8	11.6	12	90	4000	88.5	137	2.45		13.2		2.45		13.2		3.2		4.5	18.3
JR 55B	114	140	165	116	95	14	—		29	13.5	17	57	11																						
JR 55R	124	100		75	75	—	M12×18		—	20.5	—	67	21																						

Note) "*" indicates a through hole.

Note) The maximum length under "Length*" indicates the standard maximum length of an LM rail. (See B-166.)
 Static permissible moment*: 1 block: static permissible moment value with 1 LM block
 Double blocks: static permissible moment value with 2 blocks closely contacting with each other

Model number coding



(*1) See contamination protection accessory on A-368.

Standard Length and Maximum Length of the LM Rail

Table1 shows the standard lengths and the maximum lengths of model JR variations. If the maximum length of the desired LM rail exceeds them, jointed rails will be used. Contact THK for details.

Table1 Standard Length and Maximum Length of the LM Rail for Model JR

Unit: mm

Model No.	JR 25	JR 35	JR 45	JR 55
LM rail standard length (L ₀)	1000 1500 2000	1000 2000 4000	1000 2000 4000	1000 2000 4000
Max length	2000	4000	4000	4000

Note1) If jointed rails are not allowed and a greater length than the maximum values above is required, contact THK.

Note2) For jointing two or more rails, a metal fitting like the one shown in Fig.1 is available. Contact THK for details.

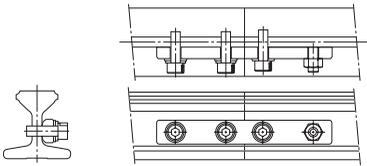


Fig.1