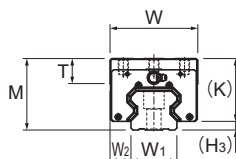


Models HRX-R and HRX-LR



Model No.	Outer dimensions			LM block dimensions										Pilot hole for side nipple		
	Height	Width	Length ¹													
	M	W	L	B	C	S×ℓ	L ₁	T	K	N	E	Grease nipple	e ₀	f ₀	D ₀ ²	
HRX 25R HRX 25LR	40	48	99.6 116.4	35	35 50	M6×7	75.4 92.2	9	35	9.5	12	B-M6F	6	10.2	5.2	
HRX 30R HRX 30LR	45	60	110.6 135.1	40	40 60	M8×8	84 108.5	12	40	11.2	12	B-M6F	6.2	12.5	5.2	
HRX 35R HRX 35LR	55	70	123.2 151.2	50	50 72	M8×10	92.2 120.2	18.5	48.5	15	12	B-M6F	7.2	16.5	5.2	
HRX 45R HRX 45LR	70	86	150.7 185.7	60	60 80	M10×12.5	115.7 150.7	24.5	61.5	18.75	16	B-PT1/8	7.5	17.8	5.2	
HRX 55R HRX 55LR	80	100	180.2 229.7	75	75 95	M12×15	143.2 192.7	27.5	69	21.2	16	B-PT1/8	6.8	19.3	5.2	
HRX 65R HRX 65LR	100	126	239.1 304.1	76	70 120	M16×20	195.7 260.7	29.5	88	28	16	B-PT1/8	8.7	26.6	5.2	

Model number coding

HRX45 LR 2 QZ SS C0 +1200L P T -II

Model
number

Type of
LM block

No. of LM blocks
used on the same rail

With QZ
Lubricator

Contamination
protection
accessory
symbol

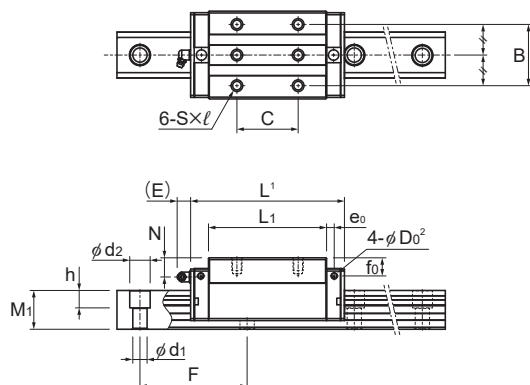
Radial clearance symbol
Medium preload (C0)

LM rail length
(in mm)

Accuracy symbol
High accuracy grade (H)/Precision grade (P)

Symbol for LM
rail jointed use

Symbol for No. of
rails used on the
same plane



Unit: mm

	H ₃	LM rail dimensions						Basic load rating ¹		Static permissible moment kN·m ⁵						Mass	
		Width	Height	Pitch		Length ³	C	C ₀							LM block	LM rail	
			W ₁ 0 -0.05	W ₂	M ₁	F	d ₁ ×d ₂ ×h	Max	kN	kN	1 block	2 blocks	1 block	2 blocks	1 block	kg	kg/m
	5	23	12.5	21.5	60	7×11×9	3000	26.3 30.8	73.1 89.3	0.92 1.37	4.84 6.86	0.92 1.37	4.84 6.86	0.57 0.69	0.72 0.86	3.2	
	5	28	16	23.5	80	9×14×12	3000	39.4 48	105 135	1.48 2.44	7.72 12.1	1.48 2.44	7.72 12.1	1.03 1.33	1.1 1.4	4.4	
	6.5	34	18	29	80	9×14×12	3000	56 68.9	150 196	2.33 3.92	11.6 18.6	2.33 3.92	11.6 18.6	1.81 2.36	1.7 2.2	6.3	
	8.5	45	20.5	38	105	14×20×17	3090	94.3 116	250 327	4.85 8.17	23.9 38.4	4.85 8.17	23.9 38.4	3.84 5.01	3.2 4.1	10.9	
	11	53	23.5	44	120	16×23×20	3060	135 170	370 498	8.86 15.9	42.3 72.7	8.86 15.9	42.3 72.7	6.86 9.24	5.3 7.1	15.6	
	12	63	31.5	53	150	18×26×22	3000	206 257	567 756	18.4 32	86.5 147	18.4 32	86.5 147	12.3 16.4	12 16	22.6	