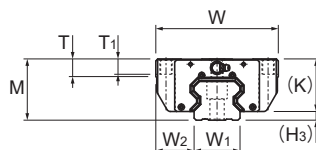


Models HRX-C and HRX-LC



Model No.	Outer dimensions			LM block dimensions													Pilot hole for side nipple		
	Height	Width	Length ¹																
	M	W	L	B	C	C ₂	S	H	L ₁	T	T ₁	K	N	E	Grease nipple	e ₀	f ₀	D ₀ ²	
HRX 25C HRX 25LC	36	70	99.6 116.4	57	45	40	M8	6.8	75.4 92.2	9.5	10	31	5.5	12	B-M6F	6	6.2	5.2	
HRX 30C HRX 30LC	42	90	110.6 135.1	72	52	44	M10	8.5	84 108.5	12	14	37	8.2	12	B-M6F	6.2	9.5	5.2	
HRX 35C HRX 35LC	48	100	123.2 151.2	82	62	52	M10	8.5	92.2 120.2	12	10	41.5	8	12	B-M6F	7.2	9.5	5.2	
HRX 45C HRX 45LC	60	120	150.7 185.7	100	80	60	M12	10.5	115.7 150.7	17.3	15	51.5	8.75	16	B-PT1/8	7.5	7.8	5.2	
HRX 55C HRX 55LC	70	140	180.2 229.7	116	95	70	M14	12.5	143.2 192.7	18.2	18	59	11.2	16	B-PT1/8	6.8	9.3	5.2	
HRX 65C HRX 65LC	90	170	239.1 304.1	142	110	82	M16	14.5	195.7 260.7	22.3	20	78	18	16	B-PT1/8	8.7	16.6	5.2	

Model number coding

HRX45 LC 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

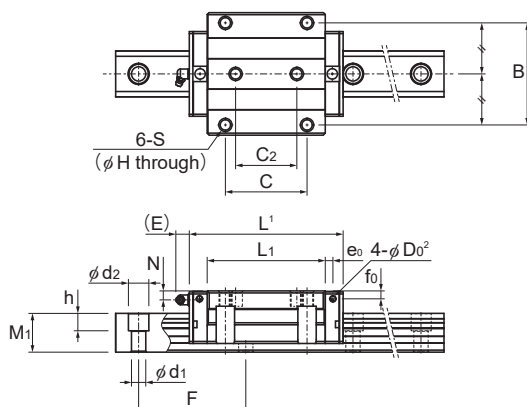
Radial clearance symbol
Medium preload (C0)

LM rail length
(in mm)

Symbol for LM
rail jointed use

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

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	M _A		M _B		M _C	LM block	LM rail
													1 block	2 blocks		
	W ₁ 0 -0.05	W ₂	M ₁	F	d ₁ ×d ₂ ×h	Max	kN	kN						kg	kg/m	
	5	23	23.5	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	0.84 1	3.2
	5	28	31	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	1.4 1.9	4.4
	6.5	34	33	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	1.9 2.5	6.3
	8.5	45	37.5	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	3.5 4.6	10.9
	11	53	43.5	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	5.8 7.9	15.6
	12	63	53.5	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	13.3 17.9	22.6