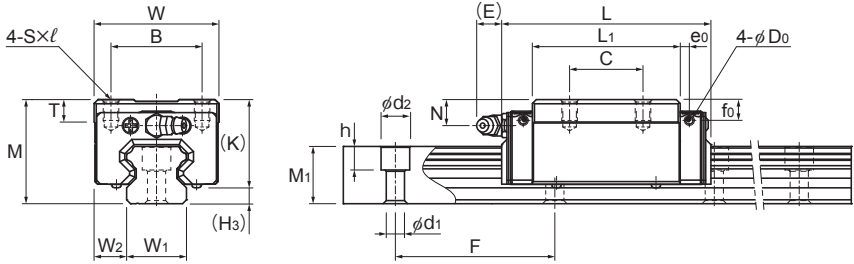


Models HSR-R, HSR-RM, HSR-LR, HSR-LRM, HSR-XR, and HSR-XLR



Models HSR15 to 35R/LR/RM/LRM

Model No.	Outer dimensions			LM block dimensions										Pilot hole for side nipple			H ₃
	Height	Width	Length	B	C	S × l	L ₁	T	K	N	E	Grease nipple	e ₀	f ₀	D ₀		
	M	W	L														
HSR 15R HSR 15RM	28	34	56.6	26	26	M4 × 5	38.8	6	23.3	8.3	5.5	PB1021B	3.2	7.9	3	4.7	
HSR 15LR HSR 15LRM	28	34	74.6	26	34	M4 × 5	56.8	6	23.3	8.3	5.5	PB1021B	3.2	7.9	3	4.7	
HSR 20R HSR 20RM	30	44	74	32	36	M5 × 6	50.8	8	26	5	12	B-M6F	3.1	3.4	3	4	
HSR 20LR HSR 20LRM	30	44	90	32	50	M5 × 6	66.8	8	26	5	12	B-M6F	3.1	3.4	3	4	
HSR 25R HSR 25RM	40	48	83.1	35	35	M6 × 8	59.5	9	34.5	10	12	B-M6F	3.5	8	3	5.5	
HSR 25LR HSR 25LRM	40	48	102.2	35	50	M6 × 8	78.6	9	34.5	10	12	B-M6F	3.5	8	3	5.5	
HSR 30R HSR 30RM	45	60	98	40	40	M8 × 10	70.4	9	38	10	12	B-M6F	5.2	9.2	5.2	7	
HSR 30LR HSR 30LRM	45	60	120.6	40	60	M8 × 10	93	9	38	10	12	B-M6F	5.2	9.2	5.2	7	
HSR 35R HSR 35RM	55	70	109.4	50	50	M8 × 12	80.4	11.7	47.5	15	12	B-M6F	5.5	12.6	5.2	7.5	
HSR 35LR HSR 35LRM	55	70	134.8	50	72	M8 × 12	105.8	11.7	47.5	15	12	B-M6F	5.5	12.6	5.2	7.5	
HSR 45R HSR 45LR	70	86	139 170.8	60	60 80	M10 × 17	98 129.8	15	60	20	16	B-PT1/8	6.1	16.6	5.2	10	
HSR 55R HSR 55LR	80	100	163 201.1	75	75 95	M12 × 18	118 156.1	20.5	67	21	16	B-PT1/8	5.6	17.7	5.2	13	
HSR 65XR HSR 65XLR	90	126	190.5 250	76	70 120	M16 × 20	138.5 198	23	76	19	16	B-PT1/8	6.8	14.6	5.2	14	
HSR 85R HSR 85LR	110	156	245.6 303	100	80 140	M18 × 25	178.6 236	29	94	23	16	B-PT1/8	—	—	—	16	

Model number coding

HSR35 R 2 QZ SS C0 M +1400L P T M - II

Model number	Type of LM block	With QZ Lubricator	Contamination protection accessory symbol (*1)	Stainless steel LM block	LM rail length (in mm)	Stainless steel LM rail	Symbol for LM rail jointed use	Symbol for No. of rails used on the same plane (*4)
HSR35	R	2	QZ	SS	C0	M	+1400L	P T M - II
No. of LM blocks used on the same rail		Radial clearance symbol (*2) Normal (No symbol) Light preload (C1) Medium preload (C0)		Accuracy symbol (*3) Normal grade (No Symbol)/High accuracy grade (H) Precision grade (P)/Super precision grade (SP) Ultra precision grade (UP)				

(*1) See contamination protection accessory on **A1-543**. (*2) See **A1-74**. (*3) See **A1-79**. (*4) See **A1-13**.

Note) This model number indicates that a single-rail unit constitutes one set. (i.e., required number of sets when 2 rails are used in parallel is 2 at a minimum.) Those models equipped with QZ Lubricator cannot have a grease nipple. When desiring a grease nipple for a model attached with QZ, contact THK.

