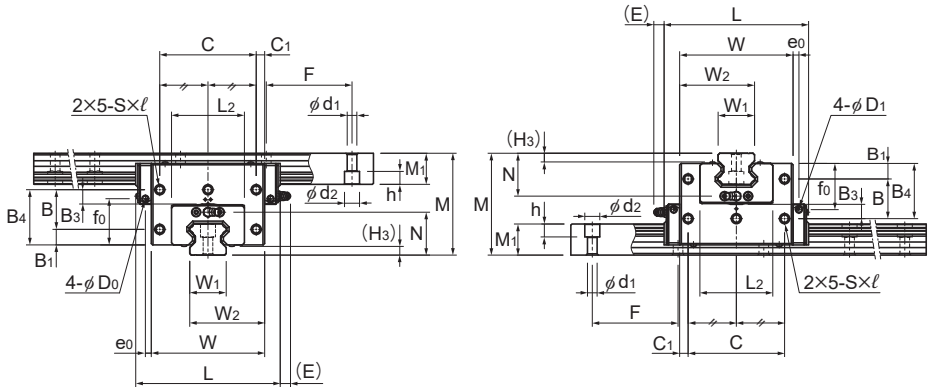


Model CSR



Models CSR20 to 45

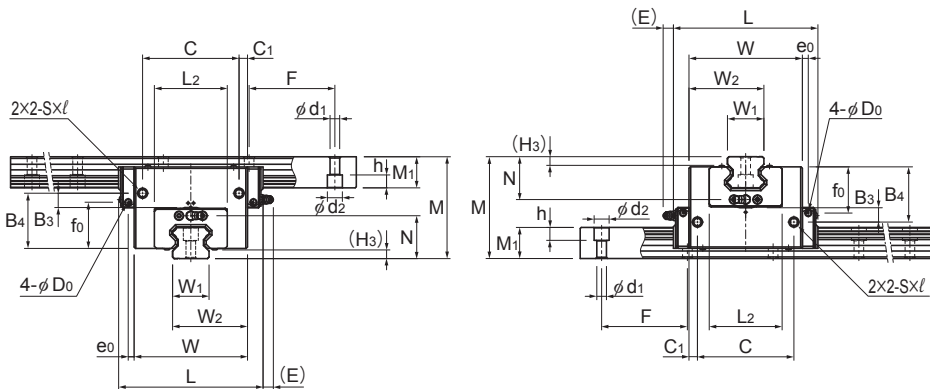
Model No.	Outer dimensions			LM block dimensions														Grease nipple
	Height	Width	Length	B ₁	B ₃	B ₄	B	C	C ₁	S × ℓ	L ₂	N	E	e ₀	f ₀	D ₀		
	M	W	L															
CSR 15	47	38.8	56.6	—	11.0	34.8	—	20	9.4	M4 × 6	32	19.7	5.5	3.2	22.1	3	PB1021B	
CSR 20S CSR 20	57	50.8 66.8	74 90	— 13	12.7 7.2	42.5 37	— 24	30 56	10.4 5.4	M5 × 8	42	25	12	3.1	24.8	3	B-M6F	
CSR 25S CSR 25	70	59.5 78.6	83.1 102.2	— 18	16.4 8.4	52 44	— 26	34 64	12.75 7.3	M6 × 10	46	30	12	3.5	30.5	3	B-M6F	
CSR 30S CSR 30	82	70.4 93	98 120.6	— 21	19.4 11.4	61 53	— 32	40 76	15.2 8.5	M6 × 10	58	35	12	5.2	38.2	5.2	B-M6F	
CSR 35	95	105.8	134.8	24	13.3	61	37	90	7.9	M8 × 14	68	40	12	5.5	43.1	5.2	B-M6F	
CSR 45	118	129.8	170.8	30	15.4	75	45	110	9.9	M10 × 15	84	50	16	6.4	53.1	5.2	B-PT1/8	

Model number coding

4 CSR25 UU C0 +1240/1000L P

4	CSR25	UU	C0	+1240/1000L	P
Model number	Contamination protection accessory symbol	LM rail length on the X axis (in mm)	LM rail length on the Y axis (in mm)		
Total No. of LM blocks	Radial clearance symbol Normal (No symbol)/Light preload (C1) Medium preload (C0)			Accuracy symbol Precision grade (P)/Super precision grade (SP) Ultra precision grade (UP)	

Note) See contamination protection accessories on **A1-545**. See **A1-74** for radial clearance symbol. See **A1-82** for accuracy symbol.



Models CSR15, 20S to 30S

Unit: mm

	H ₃	LM rail dimensions						Basic load rating		Static permissible moment*		Mass	
		Width W ₁ ±0.05	W ₂	Height M ₁	Pitch F	d ₁ × d ₂ × h	Length* Max	C kN	C ₀ kN	M ₀ kN·m	M _B kN·m	LM block kg	LM rail kg/m
	4.7	15	26.9	15	60	4.5×7.5×5.3	3000	10.9	15.7	0.0945	0.0945	0.34	1.5
	4	20	35.4 43.4	18	60	6×9.5×8.5	3000	19.8 23.9	27.4 35.8	0.218 0.307	0.218 0.363	0.73 1.3	2.3
	5.5	23	41.25 50.8	22	60	7×11×9	3000	27.6 35.2	36.4 51.6	0.324 0.518	0.324 0.627	1.2 2.2	3.3
	7	28	49.2 60.5	26	80	9×14×12	3000	40.5 48.9	53.7 70.2	0.599 0.852	0.599 0.995	2 3.6	4.8
	7.5	34	69.9	29	80	9×14×12	3000	65	91.7	1.37	1.49	5.3	6.6
	10	45	87.4	38	105	14×20×17	3090	100	135	2.59	2.59	9.8	11

Note1) The maximum length under "Length*" indicates the standard maximum length of an LM rail. (See [A1-312](#).)

Static permissible moment* 1 block: the static permissible moment with one LM block

Total block length L

: The total block length L shown in the table is the length with the dust proof parts, code UU or SS. If other contamination protection accessories or lubricant equipment are installed, the total block length will increase.

(See [A1-519](#) or [A1-541](#))

Note2) The Model CSR is not available with an upper surface lubrication hole.

