Narrow Block Type SC

Standard narrow block. Available in different accuracy classes and preload options.

Very high load capacity, stiffness and precision.

Dimensions in mm. (According to the DIN 645/I standards.)

Lead time/availability in the table below are only indications. Choice of preload and accuracy class will affect lead time. Please contact us for exact delivery time for your request.

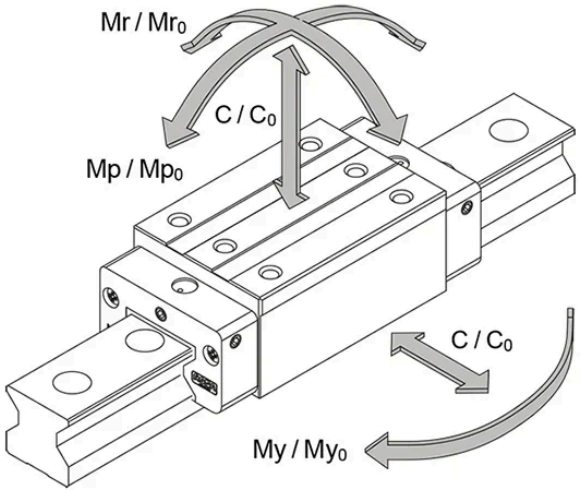
Higher accelerations and speeds than listed below are possible according to preload, load, lubrication and assembly position values. In these cases, please contact us for advice.



Max. Operating Speed (m/s): 3
Max. Acceleration (m/s²): 50
Temperature range (°C): -10 °C to +80
Material: Hardened alloy steel blocks with rollers of hardened bearing steel. Plastic parts.

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General Data

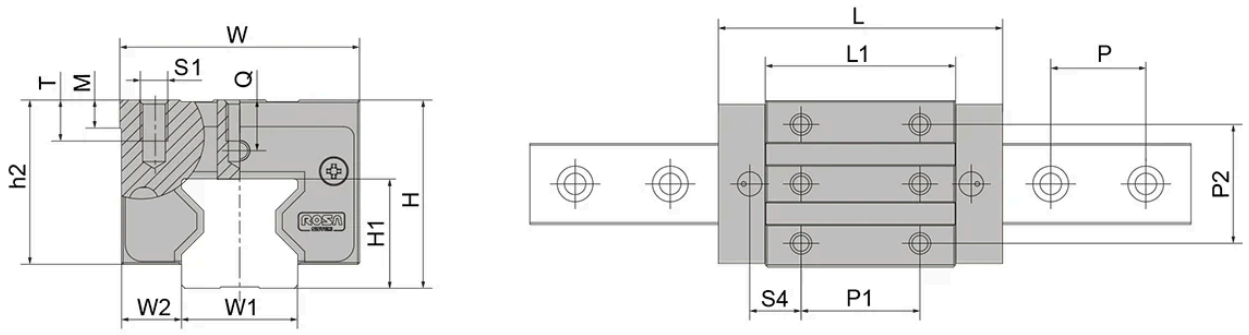


Designation	Dynamic Load Capacity C (N)	Static Load Capacity C0 (N)	Static Moment Mr0 (Nm)	Static Moment Mp0 (Nm)	Static Moment My0 (Nm)
RMG25SC	28700	57600	863	570	570
RMG35SC	53300	99000	2192	1253	1253
RMG45SC	95000	184000	5070	2979	2979
RMG55SC	132600	256000	8707	4981	4981
RMG65SC	212000	414000	15780	10140	10140

Designation	Dynamic Moment Mr (Nm)	Dynamic Moment Mp (Nm)	Dynamic Moment My (Nm)
RMG25SC	431	285	285
RMG35SC	1179	674	674
RMG45SC	2617	1538	1538
RMG55SC	4503	2576	2576
RMG65SC	8100	5210	5210

Dimensions

Block type SC



Designation	L	H	W	L1	H1	h2	W1	W2	S1
RMG25SC	90.2	40	48	62	24.35	33.5	23	12.5	M6

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Designation	L	H	W	L1	H1	h2	W1	W2	S1
RMG35SC	119.3	55	70	80	32	48	34	18	M8
RMG45SC	147.3	70	86	101.3	39.85	60	45	20.5	M10
RMG55SC	173	80	100	120	47.8	67	53	23.5	M12
RMG65SC	221.8	90	126	159.8	55	78	63	31.5	M16

Designation	S4	Q	T	Hole Pitch (P)	P1	P2	M
RMG25SC	19	9.5	9	30	35	35	7.5
RMG35SC	21.5	14.9	12	40	50	50	8
RMG45SC	27.6	18	18	52.5	60	60	10
RMG55SC	31.5	19.8	19	60	75	75	12
RMG65SC	51.8	15	22	75	70	76	15.5

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