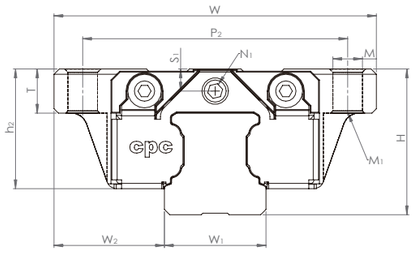
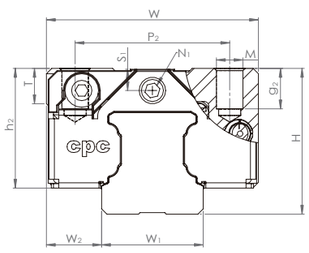
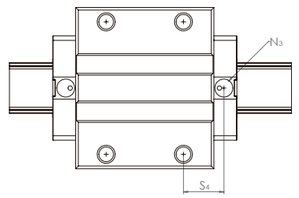
ARC/HRC

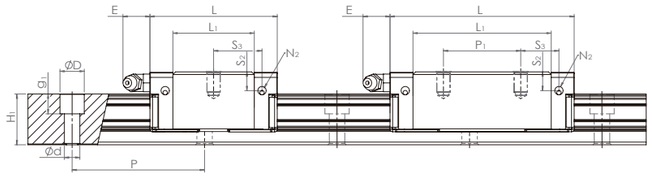
Ball Type Linear Guide Series

Dimensions and specification

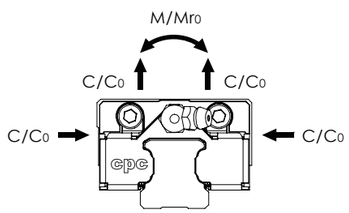


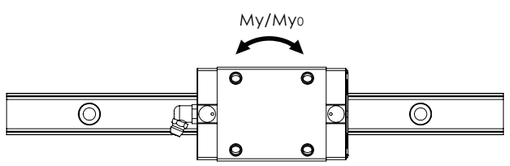


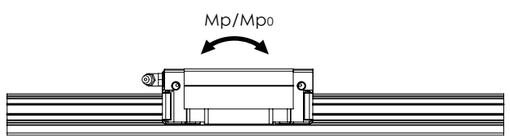




Model Code	Fabrication Dimension		Rail Dimension (mm)				Block Dimension (mm)								Block Dimension (mm)									Load Capacities (KN)		Static Moment (Nm)			Model Code
	H	W2	W1	H1	P	Dxdxg1	W	L	L1	h2	P1	P2	MxG2	M1	T	N1	N2	N3	E	S1	S2	S3	S4	C100B	C0	Mr0	Mp0	My0	
ARC 15 MS	24	9.5	15	15	60	7.5x4.5x5.3	34	38.7	24.2	20.1	-	26	M4x7	-	6	M3	M3	Ø6x1.2	4.5	4.3	12	15.1	15.7	6.40	10.80	80	40	40	ARC 15 MS
ARC 15 MN	24	9.5	15	15	60	7.5x4.5x5.3	34	54	39.5	20.1	26	26	M4x7	-	6	M3	M3	Ø6x1.2	4.5	4.3	12	9.8	10.4	9.00	17.50	140	100	100	ARC 15 MN
ARC 15 FN	24	18.5	15	15	60	7.5x4.5x5.3	52	54	39.5	20.1	26	41	M5x7	M4	7	M3	M3	Ø6x1.2	4.5	4.3	12	9.8	10.4	9.00	17.50	140	100	100	ARC 15 FN
ARC 15 FS	24	18.5	15	15	60	7.5x4.5x5.3	52	38.7	24.2	20.1	-	41	M5x7	M4	7	M3	M3	Ø6x1.2	4.5	4.3	12	15.1	15.7	6.40	10.80	80	40	40	ARC 15 FS
HRC 15 MN	28	9.5	15	15	60	7.5x4.5x5.3	34	54	39.5	24.1	26	26	M4x7	-	6	M3	M3	Ø6x1.2	4.5	8.3	15	9.8	10.4	9.00	17.50	140	100	100	HRC 15 MN
HRC 15 FN	24	16	15	15	60	7.5x4.5x5.3	47	54	39.5	20.1	30	38	M5x7	M4	7	M3	M3	Ø6x1.2	4.5	4.3	12	7.8	8.4	9.00	17.50	140	100	100	HRC 15 FN
ARC 20 MN	28	11	20	20	60	9.5x6x8.5	42	69	52	23	32	32	M5x7	-	8	M3	M3	Ø7.2x1.2	12	4	7.4	13	13.7	15.60	29.80	310	220	220	ARC 20 MN
ARC 20 FN	28	19.5	20	20	60	9.5x6x8.5	59	69	52	23	32	49	M6x9	M5	9	M3	M3	Ø7.2x1.2	12	4	7.4	13	13.7	15.60	29.80	310	220	220	ARC 20 FN
HRC 20 MN	30	12	20	20	60	9.5x6x8.5	44	69	52	25	36	32	M5x8.5	-	8	M3	M3	Ø7.2x1.2	12	6	9.4	11	11.7	15.60	29.80	310	220	220	HRC 20 MN
HRC 20 FN	30	21.5	20	20	60	9.5x6x8.5	63	69	52	25	40	53	M6x9	M5	9	M3	M3	Ø7.2x1.2	12	6	9.4	9	9.7	15.60	29.80	310	220	220	HRC 20 FN
ARC 25 MN	33	12.5	23	23	60	11x7x9	48	81.2	62.2	27	35	35	M6x9	-	8	M6	M3	Ø7.2x1.2	12	5	9.5	16	17.0	18.80	36.40	410	300	300	ARC 25 MN
ARC 25 FN	33	25	23	23	60	11x7x9	73	81.2	62.2	27	35	60	M8x10	M6	10	M6	M3	Ø7.2x1.2	12	5	9.5	16	17.0	18.80	36.40	410	300	300	ARC 25 FN
HRC 25 MN	40	12.5	23	23	60	11x7x9	48	81.2	62.2	34	35	35	M6x9	-	12	M6	M3	Ø7.2x1.2	12	12	16.5	16	17.0	18.80	36.40	410	300	300	HRC 25 MN
HRC 25 FN	36	23.5	23	23	60	11x7x9	70	81.2	62.2	30	45	57	M8x10	M6	10	M6	M3	Ø7.2x1.2	12	8	12.5	11	12.0	18.80	36.40	410	300	300	HRC 25 FN
ERC 25 MN	36	12.5	23	23	60	11x7x9	48	81.2	62.2	30	35	35	M6x9	-	8	M6	M3	Ø7.2x1.2	12	8	12.5	16	17.0	18.80	36.40	410	300	300	ERC 25 MN
ARC 30 MN	42	16	28	27	80	14x9x12	60	97.5	71.5	35.4	40	40	M8x10	-	12	M6	M6	Ø8.2x1.4	12	7.5	12	20.8	20.5	32.70	58.90	770	520	520	ARC 30 MN
ARC 30 FN	42	31	28	27	80	14x9x12	90	97.5	71.5	35.4	40	72	M10x12	M8	12	M6	M6	Ø8.2x1.4	12	7.5	12	20.8	20.5	32.70	58.90	770	520	520	ARC 30 FN
HRC 30 MN	45	16	28	27	80	14x9x12	60	97.5	71.5	38.4	40	40	M8x12	-	12	M6	M6	Ø8.2x1.4	12	10.5	15	20.8	20.5	32.70	58.90	770	520	520	HRC 30 MN
HRC 30 FN	42	31	28	27	80	14x9x12	90	97.5	71.5	35.4	52	72	M10x12	M8	12	M6	M6	Ø8.2x1.4	12	7.5	12	14.8	14.5	32.70	58.90	770	520	520	HRC 30 FN
ARC 35 MN	48	18	34	32	80	14x9x12	70	109	80	40.5	50	50	M8x13	-	14	M6	M6	Ø8.2x1.4	12	8	14	40.6	21	43.50	76.90	1380	820	820	ARC 35 MN
ARC 35 FN	48	33	34	32	80	14x9x12	100	109	80	40.5	50	82	M10x12	M8	12	M6	M6	Ø8.2x1.4	12	8	14	40.6	21	43.50	76.90	1380	820	820	ARC 35 FN
HRC 35 MN	55	18	34	32	80	14x9x12	70	109	80	47.5	50	50	M8x13	-	14	M6	M6	Ø8.2x1.4	12	15	21	40.6	21	43.50	76.90	1380	820	820	HRC 35 MN
HRC 35 FN	48	33	34	32	80	14x9x12	100	109	80	40.5	62	82	M10x12	M8	12	M6	M6	Ø8.2x1.4	12	8	14	28.6	15	43.50	76.90	1380	820	820	HRC 35 FN







The above rating load capacities and static moment are calculated according to ISO14728 standard. The rating life for basic dynamic load rating is defined as the total 100km travel distance that 90% of a group of identical linear guides can be operated individually under the same conditions free from any material damage caused by rolling fatigue. When the standard of 50km travel distance is applied, the above basic dynamic load rating C of ISO14728 should be multiplied by 1.26 for conversion.