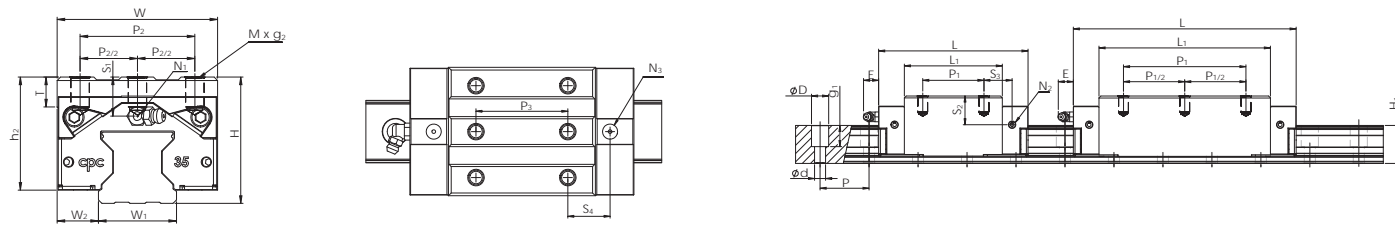
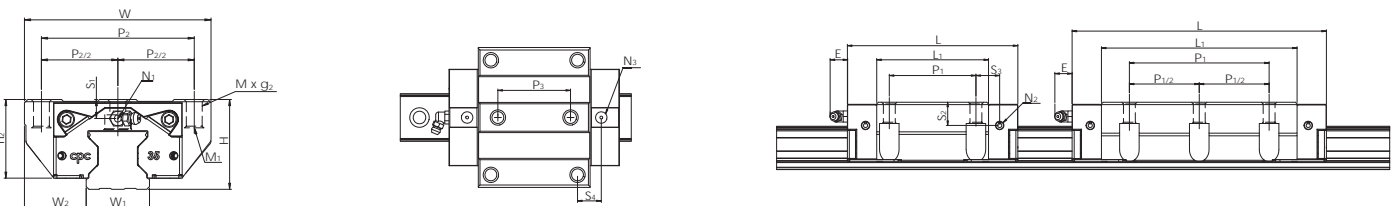


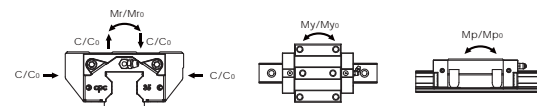
Dimensions Table



Model Code	Mounting Dimensions		Rail Dimensions (mm)		Block Dimensions (mm)																	Load Capacity (KN)		Static Moment (Nm)			Weight						
	H	W2	W1	H1	P	Dxdxg ¹	W	L	L1	h2	P1	P1/2	P2	P2/2	P3	Mxg2	M1	T	N1	N2	N3	E	S1	S2	S3	S4	C10 _{100km}	C0	Mr0	Mp0	My0	Block(g)	Rail(g/m)
ARR 35MN	48	18	34	31	40	14x9X17	70	122	84	42	50	-	50	25	50	M8x13	-	13	M6x12	M6x8	P5	12	10	16.4	25	25	57	154	2742	1946	1946	1200	5740
ARR 35ML	48	18	34	31	40	14x9X17	70	147.5	109.5	42	72	-	50	25	72	M8x13	-	13	M6x12	M6x8	P5	12	10	16.4	26.7	26.7	68.9	196	3525	3226	3226	1750	5740
HRR 35MN	55	18	34	31	40	14x9X17	70	122	84	49	50	-	50	25	50	M8x16	-	13	M6x12	M6x8	P5	12	17	23.4	25	25	57	154	2742	1946	1946	1720	5740
HRR 35ML	55	18	34	31	40	14x9X17	70	147.5	109.5	49	72	-	50	25	72	M8x16	-	13	M6x12	M6x8	P5	12	17	23.4	26.7	26.7	68.9	196	3525	3226	3226	2100	5740
HRR 35MXL	55	18	34	31	40	14x9X17	70	177.5	139.5	49	100	-	50	25	100	M8x16	-	13	M6x12	M6x8	P5	12	17	23.4	27.7	27.7	82	245	4439	5111	5111	2700	5740
LRR 35MN	44	18	34	31	40	14x9X17	70	122	84	38	50	-	50	25	50	M8x12	-	9	M6x12	M6x8	P5	12	6	12.4	25	25	57	154	2742	1946	1946	1100	5740
LRR 35ML	44	18	34	31	40	14x9X17	70	147.5	109.5	38	72	-	50	25	72	M8x12	-	9	M6x12	M6x8	P5	12	6	12.4	26.7	26.7	68.9	196	3525	3226	3226	1500	5740
LRR 35MXL	44	18	34	31	40	14x9X17	70	177.5	139.5	38	100	-	50	25	100	M8x12	-	9	M6x12	M6x8	P5	12	6	12.4	27.7	27.7	82	245	4439	5111	5111	1900	5740



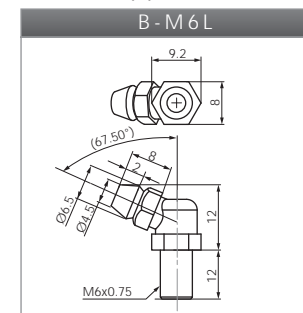
HRR 35FN	48	33	34	31	40	14x9X17	100	122	84	42	62	-	82	41	52	M10x15	M8	13	M6x12	M6x8	P5	12	10	16.4	19	19	57	154	2742	1946	1946	1700	5740
HRR 35FL	48	33	34	31	40	14x9X17	100	147.5	109.5	42	62	-	82	41	52	M10x15	M8	13	M6x12	M6x8	P5	12	10	16.4	31.7	31.7	68.9	196	3525	3226	3226	2400	5740
HRR 35FXL	48	33	34	31	40	14x9X17	100	177.5	139.5	42	100	-	82	41	100	M10x15	M8	13	M6x12	M6x8	P5	12	10	16.4	27.7	27.7	82	245	4439	5111	5111	3100	5740
LRR 35FN	44	33	34	31	40	14x9X17	100	122	84	38	62	-	82	41	52	M10x11	M8	9	M6x12	M6x8	P5	12	6	12.4	19	19	57	154	2742	1946	1946	1550	5740
LRR 35FL	44	33	34	31	40	14x9X17	100	147.5	109.5	38	62	-	82	41	52	M10x11	M8	9	M6x12	M6x8	P5	12	6	12.4	31.7	31.7	68.9	196	3525	3226	3226	2200	5740
LRR 35FXL	44	33	34	31	40	14x9X17	100	177.5	139.5	38	100	-	82	41	100	M10x11	M8	9	M6x12	M6x8	P5	12	6	12.4	27.7	27.7	82	245	4439	5111	5111	2800	5740



Ordering Information Model Code

ARR	U	35	M	N	S	2	C	V1	P	-1480L	-20	-20	II	/J	Customization code																								
														Number of rails on the same moving axis		End hole pitch(mm)		Starting hole pitch(mm)		Rail length(mm)		Accuracy grade: UP, SP, P, H		Preload class: V0, V1, V2		C: with ball chain		Block quantity		Seal type: S:standard		Block length: N:standard L:long XL:extra long		Block width: M:standard F:flanged		Block type: 35,45		U: Rail (tapped from the bottom)	
Product type: ARR: Low Profile Type HRR: High Profile Type LRR: Extremely Low Profile Type																																							

Grease nipple



PS. Customization request please refer to ARC/HRC/ERC Ball Type Linear Guide Series catalog



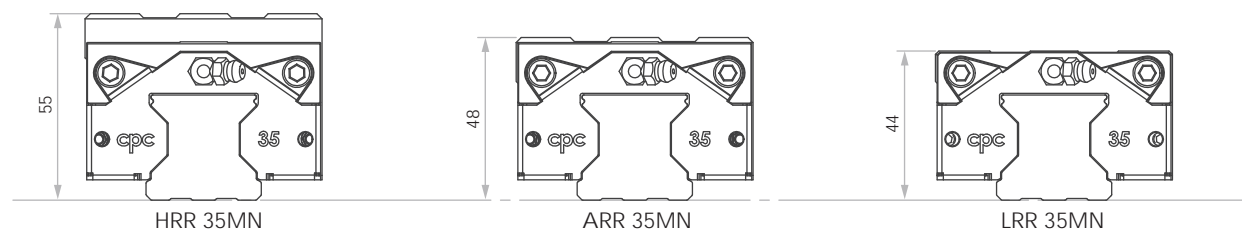
ARR/HRR/LRR series

* cpc RESERVES THE RIGHT TO REVISE ANY INFORMATION AT ANY TIME WITHOUT NOTICE.



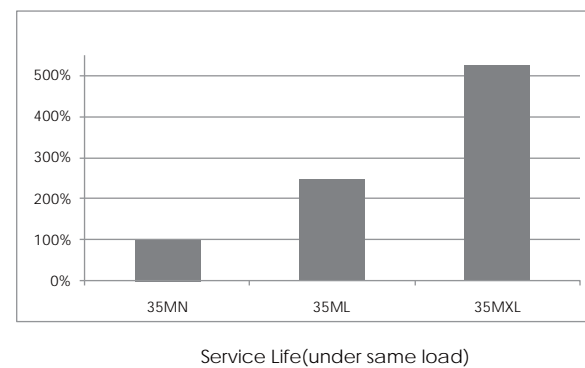
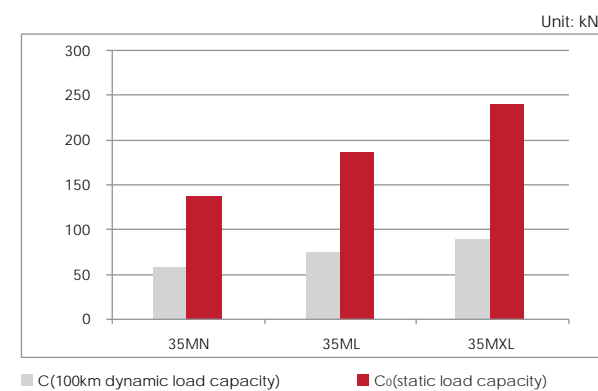
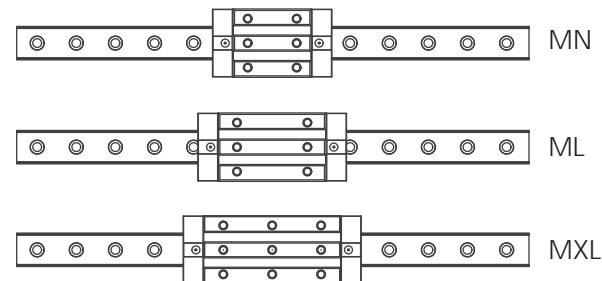
LRR Extremely Low Profile Type

Compared to the industry's standard, with various combination and low center of gravity provides a more compact space, and is suitable for occasions that need to lower external torque and smaller inertial force. ARR, HRR, LRR's block, all share the same track, and with same load capacity and service life.



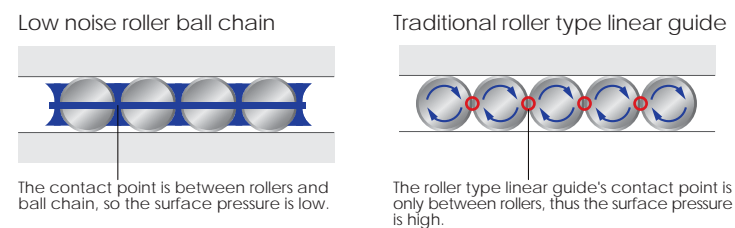
MXL Ultra Long Block Type

Compared to the industry's ML lengthened block, MXL is the model with a much lengthened block and can demonstrate a greater load capability and rigidity, and better shock reduction capability. It's suitable for machine tool that requires super high rigidity and accuracy.



Mute Roller Ball Chain (Optional)

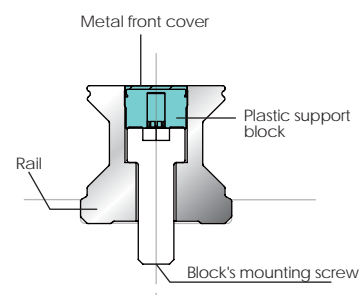
Ball chain can effectively lower high frequency noise volume while sliding, and enhance smoothness. The ball chain spacer between steel rollers can continuously replenish the oil film cladding to maintain better lubrication effect.



Hole Plug (Standard Feature)

Stainless steel cover can demonstrate excellent friction resistance ability under harsh environment. Inside the hole plug is equipped with plastic fixed support, having easy installation characteristics, can directly be installed on the standard rail. Contact between support part and stigma screws can prevent over fastening while installation, and can prevent foreign objects from stacking while sliding as well.

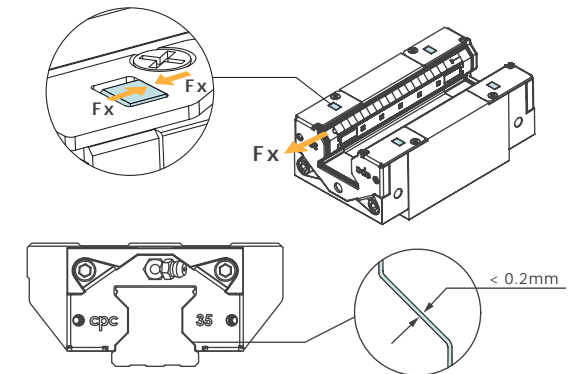
* Rail-bolt-hole without chamfer must be installed with metal-plastic-cap or plastic cap in order to prevent seal from scratch.



High Rigidity Stainless Steel Reinforcement Plate (Standard Feature)

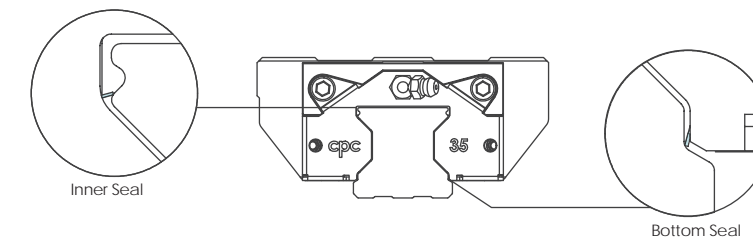
L-shaped design is locked with end and bottom screw on block body respectively. The bottom of the body is equipped with integrated bolt, and can fix the reinforcement plate tightly to prevent plastic mountings from cracking and result in block damage.

With clearance between end reinforcement plate and rail profile of merely 0.2mm, the plate can prevent foreign objects from sliding into, and protect the end seal.



Full Cover Seal (Standard Feature)

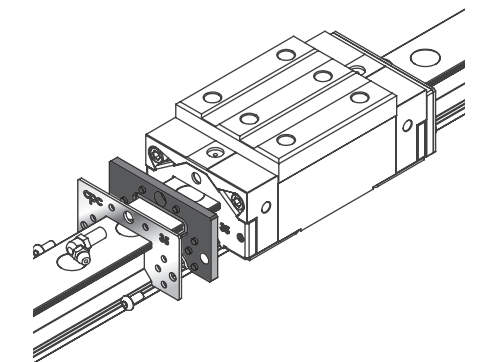
All model type are equipped with "end seal", "bottom seal", "inner seal" and can effectively prevent foreign objects from sliding into the block, and prevent lubrication from leaking out.



Countermeasure for Dustproof under Harsh Environmental Conditions (Optional)

NBR Seal(Ordering Code / SN)

The seal can demonstrate high dustproof ability focusing on the fine dust working condition, such as wood-working machine, glass processing machine, graphite processing machine, and grinder. On the outer side of the seal is equipped with stainless steel scraper, and the clearance between inner contour and rail contour is only 0.2-0.3mm. This can prevent comparatively large foreign objects from damaging rubber seal.



Accuracy

The ARR/HRR/ERR linear guides provide 4 different grades of precision : H, P, SP, and UP. Engineers can choose different grades depend on the machine applications.

Accuracy grades (μm)	Table of accuracy			
	UP	SP	P	H
Tolerance of dimension height H	H	±5	±10	±20
Variation of height for different runner Block on the same position of Rail	ΔH	3	5	7
Tolerance of dimension width W ₂	W ₂	±5	±7	±10
Variation of width for different runner Block on the same position of Rail	ΔW ₂	3	5	7

Accuracy of the running parallelism

