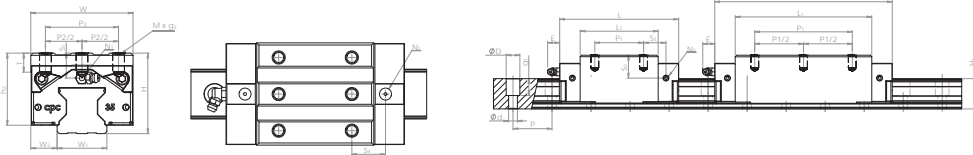
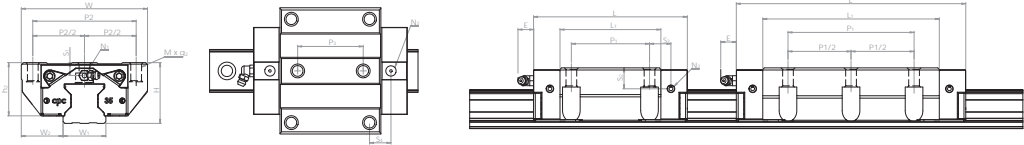


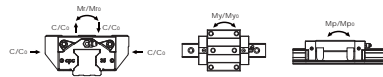
Dimensions Table



Model Code	Mounting Dimensions				Block Dimensions (mm)																Load Capacity (kg)		Static Moment (Nm)		Weight								
	H	W <sub>2</sub>	W <sub>1</sub>	P	Dxctg <sup>1</sup>	W	L	L <sub>1</sub>	h <sub>2</sub>	P1	P2	P2/2	P3	MxG <sub>2</sub>	M <sub>1</sub>	T	N <sub>1</sub>	N <sub>2</sub>	N <sub>3</sub>	E	S <sub>1</sub>	S <sub>2</sub>	S <sub>3</sub>	S <sub>4</sub>	C	C <sub>0</sub>	M <sub>10</sub>	M <sub>15</sub>	M <sub>20</sub>	Block(g)	Rail(g/m)		
ARR 35MN	48	18	34	31	40	14x9X17	70	122	B4	42	50	-	50	25	50	M8x13	-	13	M6x12	M6x8	P5	12	10	16.4	25	25	54	143	2741	1934	1934	1200	5800
ARR 35ML	48	18	34	31	40	14x9X17	70	152	B4	42	72	-	50	25	72	M8x13	-	13	M6x12	M6x8	P5	12	10	16.4	29	29	67	188	3655	3456	3456	1750	5800
HRR 35MN	55	18	34	31	40	14x9X17	70	122	B4	49	50	-	50	25	50	M8x16	-	13	M6x12	M6x8	P5	12	17	23.4	25	25	54	143	2741	1934	1934	1550	5800
HRR 35ML	55	18	34	31	40	14x9X17	70	152	B4	49	72	-	50	25	72	M8x16	-	13	M6x12	M6x8	P5	12	17	23.4	29	29	67	188	3655	3456	3456	2100	5800
LRR 35MN	44	18	34	31	40	14x9X17	70	122	B4	38	50	-	50	25	50	M8x12	-	9	M6x12	M6x8	P5	12	6	12.4	25	25	54	143	2741	1934	1934	1100	5800
LRR 35ML	44	18	34	31	40	14x9X17	70	152	B4	38	72	-	50	25	72	M8x12	-	9	M6x12	M6x8	P5	12	6	12.4	29	29	67	188	3655	3456	3456	1500	5800
LRR 35MXL	44	18	34	31	40	14x9X17	70	182	B4	38	100	50	50	25	100	M8x12	-	9	M6x12	M6x8	P5	12	6	12.4	30	30	81	240	4670	5567	5567	1900	5800



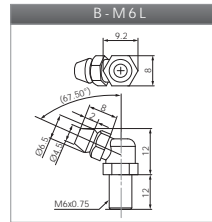
HRR 35FN	48	33	34	31	40	14x9X17	100	122	B4	42	62	-	82	41	52	M10x15	M8	13	M6x12	M6x8	P5	12	10	16.4	19	19	54	143	2741	1934	1934	1700	5800
HRR 35FL	48	33	34	31	40	14x9X17	100	152	B4	42	62	-	82	41	52	M10x15	M8	13	M6x12	M6x8	P5	12	10	16.4	34	34	67	188	3655	3456	3456	2400	5800
HRR 35FXL	48	33	34	31	40	14x9X17	100	182	B4	42	100	50	82	41	100	M10x15	M8	13	M6x12	M6x8	P5	12	10	16.4	30	30	81	240	4670	5567	5567	3100	5800
LRR 35FN	44	33	34	31	40	14x9X17	100	122	B4	38	62	-	82	41	52	M10x11	M8	9	M6x12	M6x8	P5	12	6	12.4	19	19	54	143	2741	1934	1934	1550	5800
LRR 35FL	44	33	34	31	40	14x9X17	100	152	B4	38	62	-	82	41	52	M10x11	M8	9	M6x12	M6x8	P5	12	6	12.4	34	34	67	188	3655	3456	3456	2200	5800
LRR 35FXL	44	33	34	31	40	14x9X17	100	182	B4	38	100	50	82	41	100	M10x11	M8	9	M6x12	M6x8	P5	12	6	12.4	30	30	81	240	4670	5567	5567	2800	5800



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: V1, V2, V3
															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



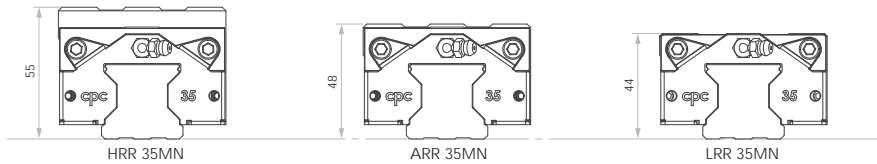
ARR/HRR/LRR series

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



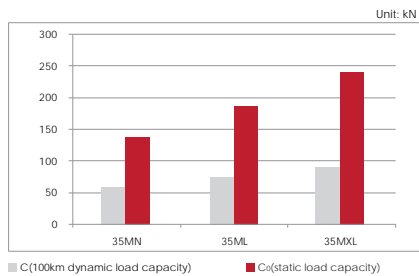
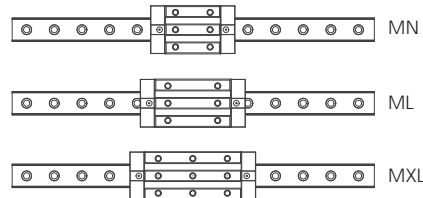
## LRR Extremely Low Profile Type

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.



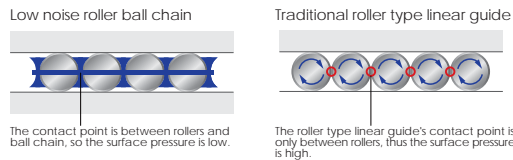
## MXL Ultra Long Block Type

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)

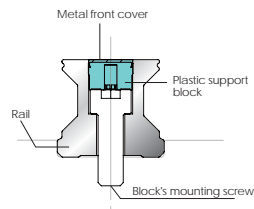
Ball chain can effectively lower high frequency noise volume while sliding, and enhance smoothness. The ball chain spacer between steel rollers can continuously replenish the oil film cladding to maintain better lubrication effect.



## 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 sigma screws can prevent over fastening while installation, and can prevent foreign objects from stacking while sliding as well.

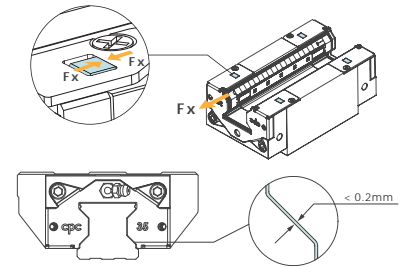
\* Rail-bolt-hole without chamfer must be installed with metal-plastic-cap or plastic cap in order to prevent seal from scratch.



## High Rigidity Stainless Steel Reinforcement Plate (Standard Feature)

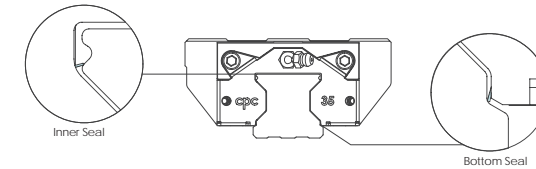
L-shaped design is locked with end and bottom screw on block body respectively. The bottom of the body is equipped with integrated bolt, and can fix the reinforcement plate tightly to prevent plastic mountings from cracking and result in block damage.

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)

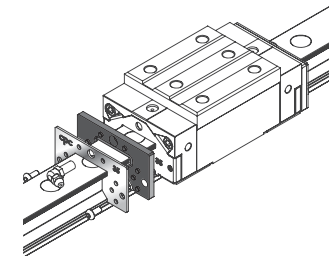
All model type are equipped with "end seal", "bottom seal", "inner seal" and can effectively prevent foreign objects from sliding into the block, and prevent lubrication from leaking out.



## 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	±40
Variation of height for different runner block on the same position of Rail	ΔH	3	5	7	15
Tolerance of dimension width W <sub>2</sub>	W <sub>2</sub>	±5	±7	±10	±20
Variation of width for different runner block on the same position of Rail	ΔW <sub>2</sub>	3	5	7	15

### Accuracy of the running parallelism

