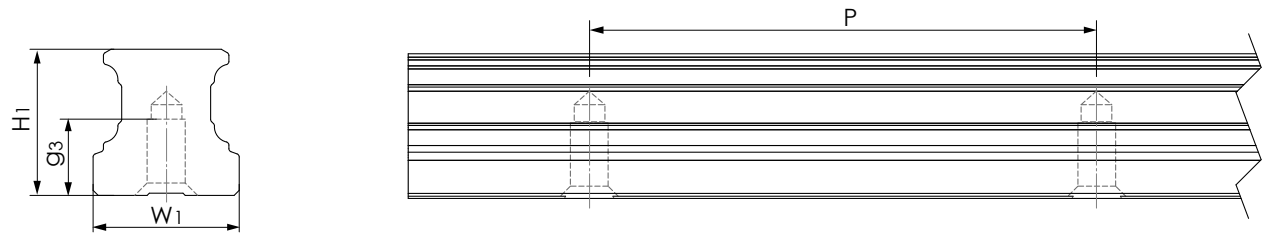


Dimensions Table



Rail (tapped from the bottom)

Model Code	W1	H1	P	Mxg3	Lmax	Mass (g/m)
ARU 15	15	15	60	M5x8	4000	1290
ARU 20	20	20	60	M6x10	4000	2280
ARU 25	23	23	60	M6x12	4000	3020
ARU 30	28	27	80	M8x15	4000	4380
ARU 35	34	32	80	M8x15	4000	6790
ARU 45	45	39	105	M12x19	4000	10530
ARU 55	53	45.7	120	M14x24	4000	14060

Nipple Option

Type				Nipple size		Grease nipple	Optional			
				Section	Side	Standard	Straight adapter	Tube diameter	L-Type adapter	Tube diameter
Ball	ARC/ARD15	HRC/HRD15	-	M3	M3	A-M3	OA-M3-D4	-	OB-M3-M6	-
	ARC/ARD 20	HRC/HRD 20	-	M3	M3	B-M3	OA-M3-D4	-	OB-M3-M6	-
	ARC/ARD 25	HRC/HRD 25	ERC/ERD 25	M6	M3	A/B-M6	OA-M6-M8	Ø4	OB-M6-M8	Ø4
	ARC/ARD 30	HRC/HRD 30	-	M6	M6	A/B-M6	OA-M6-M8	Ø4	OB-M6-M8	Ø4
							OA-M6-PT1/8	-	OB-M6-PT1/8	-
							OA-M6-G1/8	Ø6	OB-M6-PT1/8	-
	ARC/ARD 35	HRC/HRD 35	-	M6	M6	A/B-M6	OA-M6-M8	Ø4	OB-M6-M8	-
							OA-M6-PT1/8	-	OB-M6-PT1/8	-
							OA-M6-G1/8	Ø6	OB-M6-PT1/8	-
	ARC/ARD 45	HRC/HRD 45	-	PT1/8	M6	B-PT1/8	OA-PT1/8-M8	Ø4	OB-PT1/8-M8	Ø4
							OA-PT1/8-PT1/8	-	OB-PT1/8-PT1/8	-
							OA-PT1/8-G1/8	Ø6	OB-PT1/8-PT1/8	-
	ARC/ARD 55	HRC/HRD 55	-	M6	M6	A/B-M6	OA-M6-M8	Ø4	OB-M6-M8	Ø4
OA-M6-PT1/8							-	OB-M6-PT1/8	-	
OA-M6-G1/8							Ø6	OB-M6-PT1/8	-	
Roller	ARR15	HRR15	-	M3	M3	A/B-M3	OA-M3-D4	-	OB-M3-M6	-
	ARR20	HRR20	-	M4	M4	A/B-M4	OA-M4-D4	-	OB-M4-M6	-
	ARR25	HRR25	-	M6	M6	A/B-M6	OA-M6-M8	Ø4	OB-M6-M8	Ø4
	ARR35	HRR35	LRR35	M6	M6	A/B-M6-L	OA-M6-M8-L	Ø4	OB-M6-M8-L	Ø4
							OA-M6-PT1/8-L	-	OB-M6-PT1/8-L	-
							OA-M6-G1/8-L	Ø6	OB-M6-PT1/8-L	-
	ARR45	HRR45	LRR45	M6	M6	A/B-M6-L	OA-M6-M8-L	Ø4	OB-M6-M8-L	Ø4
							OA-M6-PT1/8-L	-	OB-M6-PT1/8-L	-
							OA-M6-G1/8-L	Ø6	OB-M6-PT1/8-L	-
	ARR55	HRR55	LRR55	M6	M6	A/B-M6	OA-M6-M8	Ø4	OB-M6-M8	Ø4
							OA-M6-PT1/8	-	OB-M6-PT1/8	-
OA-M6-G1/8							Ø6	OB-M6-PT1/8	-	

* When external NRB seal is chosen (SN), please use long type grease nipple for ball type product, extra long type grease nipple for roller type product.

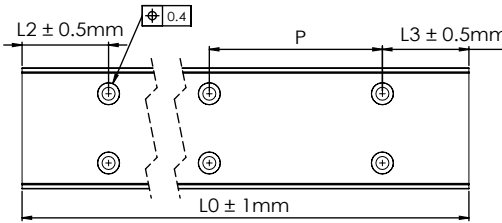


WRC series
Wide Rail Ball Type Linear Guide Series

Ordering information

Length of Rail

Butt-jointing is required when lengths exceed Lmax.
(For more detailed information, please contact **cpc** for technical support.)

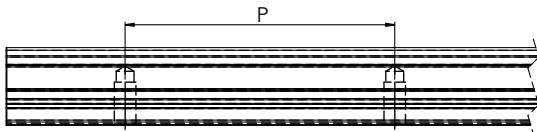
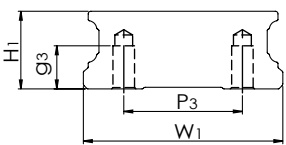


Model code

WRC	U	21/15	M	N	B	2	Z	C	V1	P	-1480L	-20	-20	II	/J
														Customization code (Please refer to page 32)	
														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, N (Please refer to page 31)	
														Preload class : VC, V0, V1, V2 (Please refer to page 25)	
														C: with ball chain (Please refer to page 07)	
														Z: with lubrication storage pad (available: 21/15)	
														Block quantity	
														Seal type : B: Low friction S: Standard type S seal (available: 21/15)	
														Block length : N: standard	
														Block width : M: standard F: flanged	
														Block type : 21/15 , 27/20	
U: rail (tapped from the bottom)															
Product type : WRC: Wide Rail Ball Type Linear Guide Series															

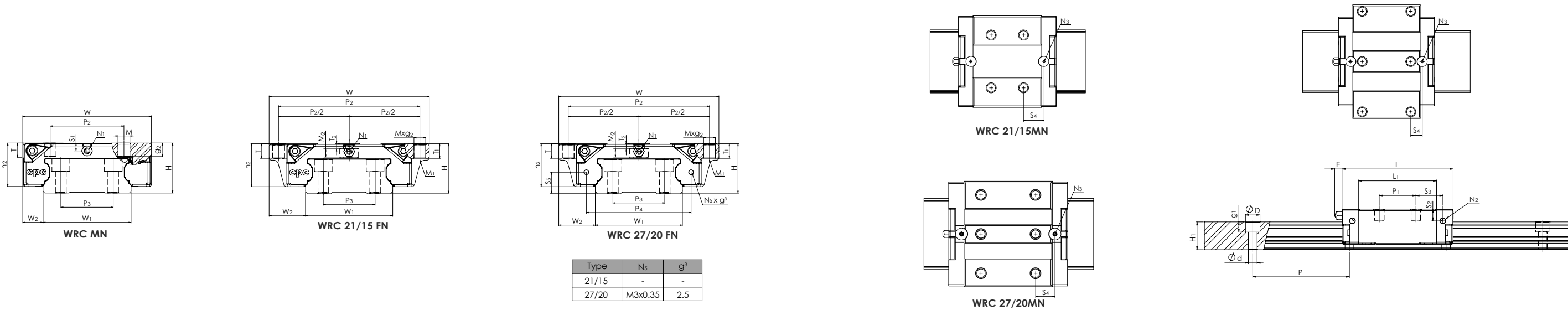
Dimensions Table WRU Series

Rail (tapped from the bottom)



Model Code	W1	H1	P	P3	Mxg3	Lmax	Mass (g/m)
WRU 21/15	37	14.4	50	22	M4x8	4000	3596
WRU 27/20	42	18.5	60	24	M5x7.5	4000	5259

Dimensions Table



WRC Series

Model Code	Mounting Dimensions		Rail Dimensions(mm)					Block Dimensions(mm)														Block Dimensions(mm)										Load Capacities (kN)			Static Moment (Nm)			Weight		Model Code	
																																		M _{ro}	M _{po}	M _{yo}	Block(g)	Rail(g/m)			
	H	W ₂	W ₁ 0-0.5	H ₁	P	P ₃	Dx dx g ₁	W	L	L ₁	h ₂	P ₁	P ₂	P ₂ /2	P ₄	M x g ₂	M ₁	M ₂	T	T ₁	T ₂	N ₁	N ₂	N ₃	E	S ₁	S ₂	S ₃	S ₄	S ₅	Ciso		C ₀						M _{ro}		M _{po}
																															100km	50km									
WRC 21/15 MN	21	8.5	37	14.4	50	22	7.5x4.5x5.3	54	57.5	40.3	18.3	19	31	-	-	M5x5	-	-	6	-	-	M3	M3x3	P3	5.3	3.3	6.1	13.9	11.9	-	9.9	12.5	17.5	315	105	105	160	3596	WRC 21/15 MN		
WRC 21/15 FN		15.5						68				29	60	30		M5x7	M4	2.1	7	7	3.6							8.9	6.9								198		WRC 21/15 FN		
WRC 27/20 MN	27	10	42	18.5	60	24	7.5x4.5x5.3	62	70	52	23.5	32	46	23	50	M6x6	-	-	10	-	-	M3	M3x4	P4	5.3	4.5	8	13.2	11.5	11	17.1	21.5	30	634	230	230	320	5259	WRC 27/20 MN		
WRC 27/20 FN		19						80				40	70	35		M6x9	M5	4.6	9	9	3							9.2	7.5								553		WRC 27/20 FN		

The above rating load capacities and static moments are calculated according to the ISO14728 standard. The rating life for basic dynamic load ratings is defined as the total 100km travel distance for 90% of a group of identical linear guides under the same conditions and free from any material damage caused by rolling fatigue. If a standard of 50km travel distance is applied to measure the average product lifespan, the above basic dynamic load rating C should be multiplied by 1.26 for an accurate conversion.

WRC...C Series Ball chain type

Model Code	Mounting Dimensions		Rail Dimensions(mm)					Block Dimensions(mm)														Block Dimensions(mm)										Load Capacities (kN)		Static Moment (Nm)			Weight		Model Code
	H	W ₂	W ₁ _{0.05}	H ₁	P	P ₃	Dx dx g ₁	W	L	L ₁	h ₂	P ₁	P ₂	P ₂ /2	P ₄	M x g ₂	M ₁	M ₂	T	T ₁	T ₂	N ₁	N ₂	N ₃	E	S ₁	S ₂	S ₃	S ₄	S ₅	C _{cage}		C ₀	M _{r0}	M _{p0}	M _{y0}	Block(g)	Rail(g/m)	
	100km	50km																																					
WRC 21/15 MN...C	21	8.5	37	14.4	50	22	7.5x4.5x5.3	54	57.5	40.3	18.3	19	31	-	-	M5x5	-	-	6	-	-	M3	M3x3	P3	5.3	3.3	6.1	13.9	11.9	-	11.8	14.9	16.2	295	95	95	160	3596	WRC 21/15 MN...C
68		29						60				30	M5x7	M4		2.1	7	7	3.6	198	WRC 21/15 FN...C																		
WRC 27/20 MN...C	27	10	42	18.5	60	24	7.5x4.5x5.3	62	70	52	23.5	32	46	23	50	M6x6	-	-	10	-	-	M3	M3x4	P4	5.3	4.5	8	13.2	11.5	11	22.3	28.1	25.7	535	200	200	320	5259	WRC 27/20 MN...C
WRC 27/20 FN...C		19						80				40	70	35		M6x9	M5	4.6	9	9	3							553	WRC 27/20 FN...C										

The dynamic load rating value with ball chain Ccage is the measured value (please refer to page 08). The above static load rating and the static moment are calculated according to the ISO 14728 standard.

