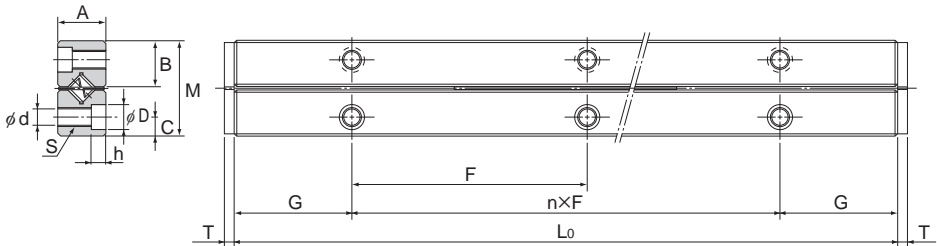


# Cross Roller Guide Model VR (VR9)



Model No.	Maximum stroke	Main								
		Combined dimensions			Mounting					
		M	A	L <sub>0</sub>	n×F	G	B	C	S	d
VR 9- 200×10Z	118	40 (40.74)	20	200	1×100	50	19.2	8	M8	6.8
VR 9- 300×15Z	178			300	2×100					
VR 9- 400×20Z	238			400	3×100					
VR 9- 500×25Z	298			500	4×100					
VR 9- 600×30Z	358			600	5×100					
VR 9- 700×35Z	418			700	6×100					
VR 9- 800×40Z	478			800	7×100					
VR 9- 900×45Z	538			900	8×100					
VR 9-1000×50Z	598			1000	9×100					
VR 9-1100×55Z	658			1100	10×100					
VR 9-1200×60Z	718			1200	11×100					

## Model number coding

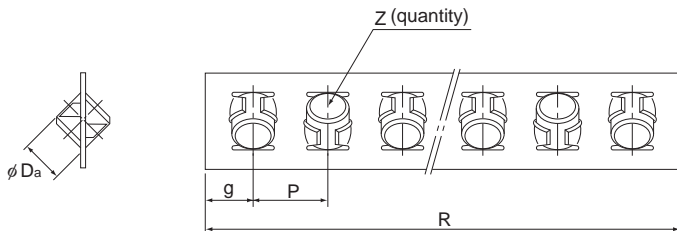
**VR9 -600 H × 30Z**

Number of rollers or balls  
Accuracy symbol

Dedicated rail dimension in mm  
(example of indication for a combination of different overall lengths: 300/400)

Combined model number (for Ball Guide: VB)

Note) "One set" in the model No. above indicates a combination of four rails and two cages.



Unit: mm

dimensions								Permissible preload $\delta$ $\mu\text{m}$	Basic load rating (per roller)		Mass (rail) kg/m
dimensions							No. of rollers Z		$C_z$ kN	$C_{oz}$ kN	
D	h	T	$D_a$	R	g	P					
10.5	6.2	4	9 (9.525)	141	7.5	14	10	-10	9.53	9.48	3.2
				211			15				
				281			20				
				351			25				
				421			30				
				491			35				
				561			40				
				631			45				
				701			50				
				771			55				
				841			60				

Note) The dimensions in the parentheses above indicate the dimensions of the Ball Guide.  
When desiring a Ball Guide in combination with a ball cage, refer to **A7-26** on Ball Cage Model B and indicate the required number of balls.

(Example) VB9-700H x 33Z  
└─── Number of balls

The mass in the table indicates the value per rail/m.  
Stainless steel type with high corrosion resistance is also available. (symbol M, e.g., VR9M)