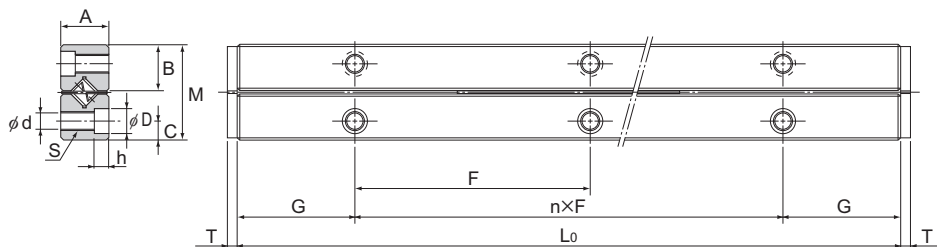


Cross-Roller Guide Model VR (VR9)



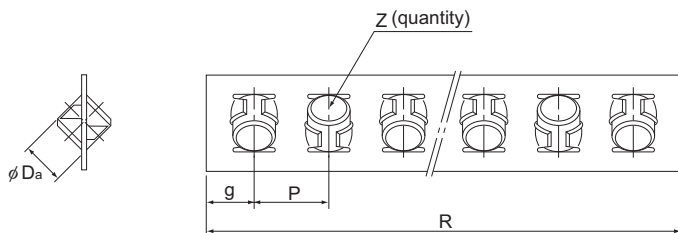
Model No.	Maximum stroke	Main								
		Combined dimensions			Mounting					
		M	A	L ₀	n×F	G	B	C	S	d
VR 9- 200×10Z	118	40 (40.74)	20	200	1×100	50	19.2	8	M8	6.8
VR 9- 300×15Z	178			300	2×100					
VR 9- 400×20Z	238			400	3×100					
VR 9- 500×25Z	298			500	4×100					
VR 9- 600×30Z	358			600	5×100					
VR 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 δ μm	Basic load rating (per roller)		Mass (rail) kg/m
dimensions								No. of rollers Z		Cz kN	C0z kN	
	D	h	T	Ds	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)