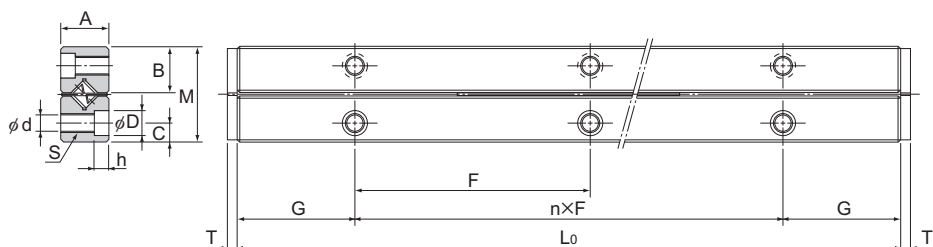


Cross-Roller Guide Model VR (VR9)



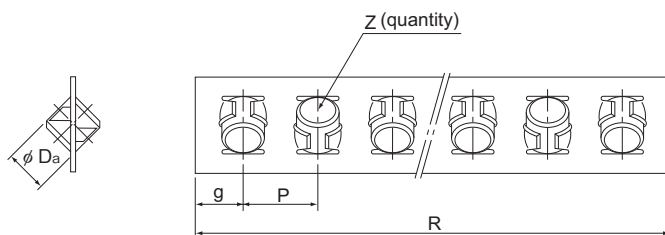
Model No.	Maximum stroke	Main dimensions								
		Combined dimensions			Mounting dimensions					
		M	A	L ₀	n×F	G	B	C	S	d
VR 9- 200×10Z	118	40 (40.74)	20	200	1×100	50	19.2	8	M8	6.8
VR 9- 300×15Z	178			300	2×100					
VR 9- 400×20Z	238			400	3×100					
VR 9- 500×25Z	298			500	4×100					
VR 9- 600×30Z	358			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: "1 set" for the above model indicates a single combination of 4 rails and 2 cages.



Unit: mm

								Permissible preload δ μm	Basic load rating (per roller)		Mass (rail) kg/m
D	h	T	D _a	R	g	P	No. of rollers Z		C _z kN	C _{0z} kN	
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				

Notes: 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 $\frac{33Z}{4}$

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)