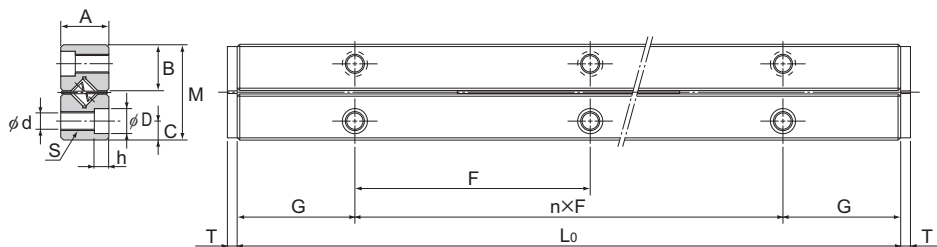


Cross-Roller Guide Model VR (VR12)



Model No.	Maximum stroke	Main								
		Combined dimensions			Mounting					
		M	A	L ₀	n×F	G	B	C	S	d
VR12- 200× 7Z	110	58 (57.86)	28	200	1×100	50	28	12	M10	8.5
VR12- 300×10Z	190			300	2×100					
VR12- 400×14Z	230			400	3×100					
VR12- 500×17Z	310			500	4×100					
VR12- 600×21Z	350			600	5×100					
VR12- 700×24Z	430			700	6×100					
VR12- 800×28Z	470			800	7×100					
VR12- 900×31Z	550			900	8×100					
VR12-1000×34Z	630			1000	9×100					
VR12-1100×38Z	670			1100	10×100					
VR12-1200×41Z	750			1200	11×100					

Model number coding

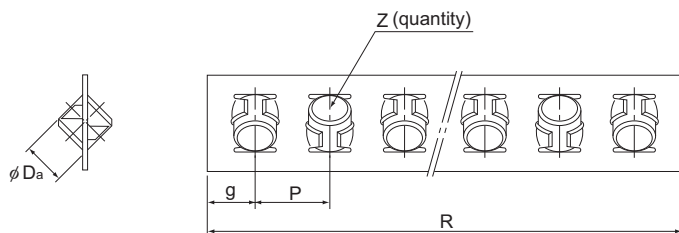
VR12 -200 P × 9Z

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)
dimensions								No. of rollers Z		C _Z kN	C _{0Z} kN	
	D	h	T	D _a	R	g	P					
	14	8.2	5	12 (11.906)	145	12.5	20	7	-13	17.6	17.2	5.3
					205			10				
					285			14				
					345			17				
					425			21				
					485			24				
					565			28				
					625			31				
					685			34				
					765			38				
					825			41				

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) VB12-700H x 20Z

— 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., VR12M)