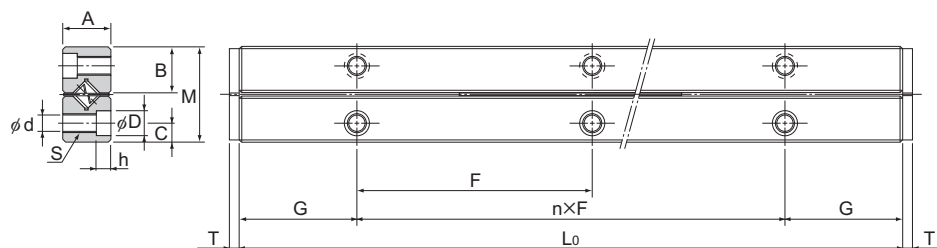


Cross-Roller Guide Model VR (VR12)



Model No.	Maximum stroke	Main dimensions								
		Combined dimensions			Mounting dimensions					
		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

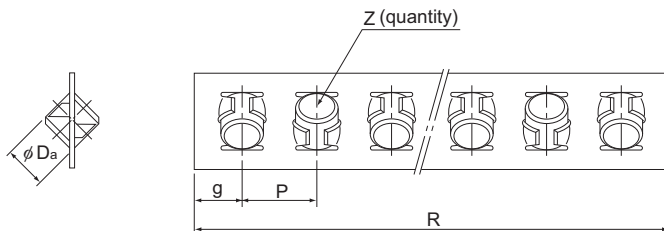
VR12 -200 P × 9Z

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: "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
								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				

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) 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)