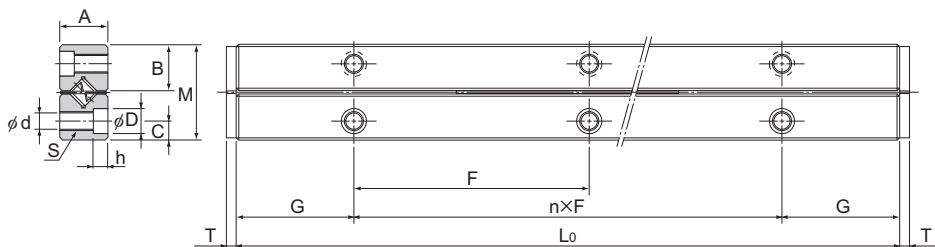


Cross-Roller Guide Model VR (VR6)



Model No.	Maximum stroke	Main								
		Combined dimensions			Mounting					
		M	A	L ₀	n×F	G	B	C	S	d
VR 6-100×7Z	56	30	15	100	1×50	25	14.4	6	M6	5.2
VR 6-150×10Z	96			150	2×50					
VR 6-200×13Z	136			200	3×50					
VR 6-250×17Z	156			250	4×50					
VR 6-300×20Z	196			300	5×50					
VR 6-350×24Z	216			350	6×50					
VR 6-400×27Z	256			400	7×50					
VR 6-450×31Z	276			450	8×50					
VR 6-500×34Z	316			500	9×50					
VR 6-550×38Z	336			550	10×50					
VR 6-600×41Z	376			600	11×50					

Model number coding

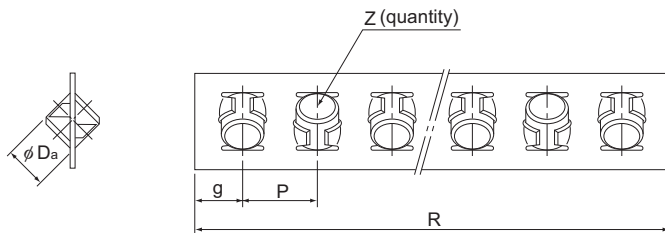
VR6 -100 P × 6Z

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

dimensions								Permissible preload δ μm	Basic load rating (per roller)		Mass (rail) kg/m	
dimensions				No. of rollers					C_z kN	C_{0z} kN		
	D	h	T	D_a	R	g	P	Z				
	9.5	5.2	3.2	6	72	6	10	7	-7	3.78	3.78	1.5
					102			10				
					132			13				
					172			17				
					202			20				
					242			24				
					272			27				
					312			31				
					342			34				
					382			38				
					412			41				

Note) 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) VB6-300H x18Z

— 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., VR6M)