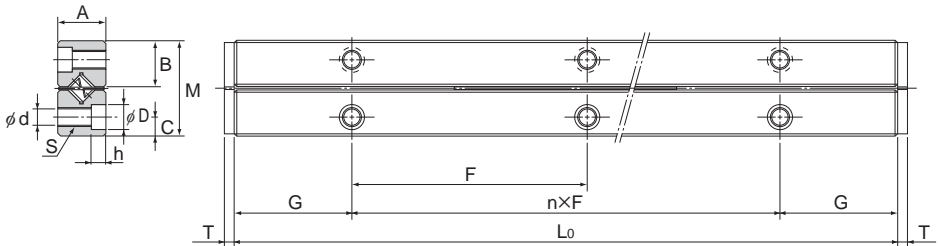


# Cross Roller Guide Model VR (VR6)



Model No.	Maximum stroke	Main								
		Combined dimensions			Mounting					
		M	A	L <sub>0</sub>	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					

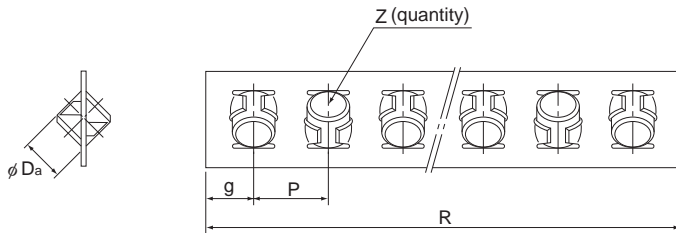
## Model number coding

**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) "One set" in the model No. above indicates a combination of four rails and two cages.



Unit: mm

dimensions								Permissible preload $\delta$ $\mu\text{m}$	Basic load rating (per roller)		Mass (rail) kg/m
dimensions							No. of rollers Z		$C_z$ kN	$C_{0z}$ kN	
D	h	T	$D_a$	R	g	P					
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)