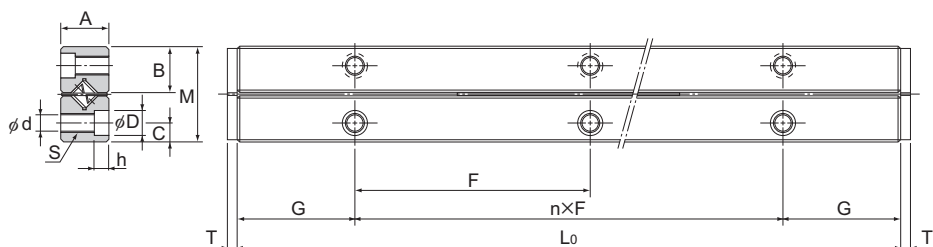


Cross-Roller Guide Model VR (VR18)



Model No.	Maximum stroke	Main dimensions								
		Combined dimensions			Mounting dimensions					
		M	A	L ₀	n×F	G	B	C	S	d
VR18- 300× 6Z	228	83	40	300	2×100	50	40.2	18	M14	12.5
VR18- 400× 9Z	248			400	3×100					
VR18- 500×11Z	328			500	4×100					
VR18- 600×13Z	408			600	5×100					
VR18- 700×16Z	428			700	6×100					
VR18- 800×18Z	508			800	7×100					
VR18- 900×20Z	588			900	8×100					
VR18-1000×23Z	608			1000	9×100					
VR18-1100×25Z	688			1100	10×100					
VR18-1200×27Z	768			1200	11×100					

Model number coding

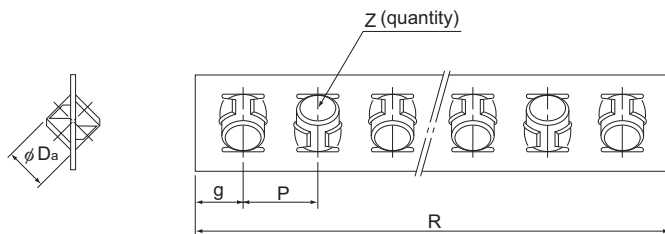
VR18 -400 H × 10Z

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	Basic load rating (per roller)		Mass (rail)
								δ	C_z	C_{0z}	
	D	h	T	D_a	R	g	P	μm	kN	kN	kg/m
20	12.2	6	18	186	18	30	6	-18	40.9	38.8	10.5
				276			9				
				336			11				
				396			13				
				486			16				
				546			18				
				606			20				
				696			23				
				756			25				
				816			27				

Notes: 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., VR18M)