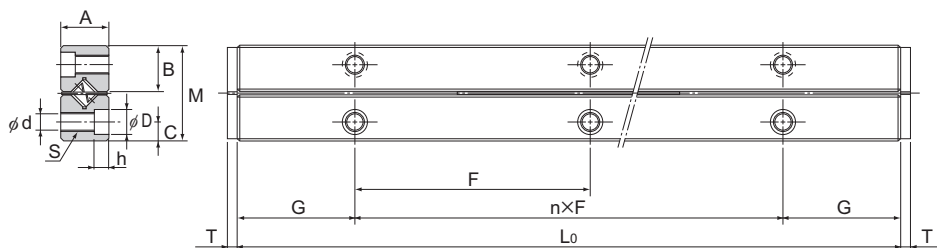


Cross-Roller Guide Model VR (VR18)



Model No.	Maximum stroke	Main								
		Combined dimensions			Mounting					
		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

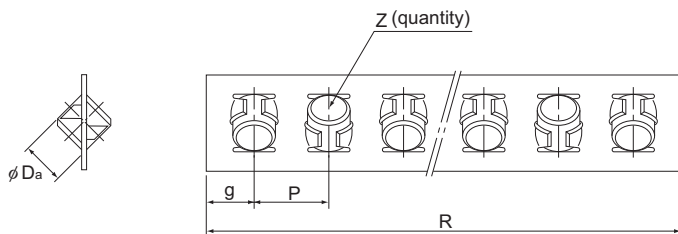
VR18 -400 H × 10Z

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) "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) kg/m	
dimensions									No. of rollers Z	C_z kN		C_{0z} kN
	D	h	T	D _a	R	g	P	Z				
	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				

Note) 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)