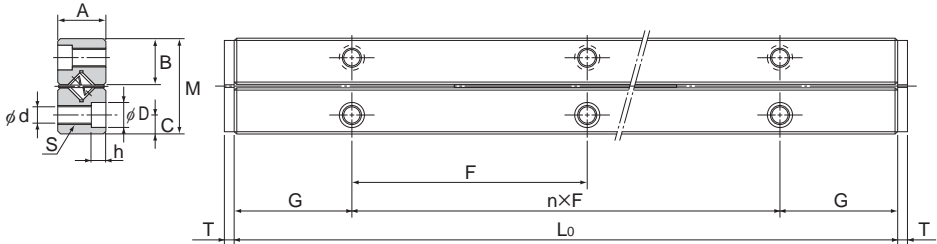


# Cross Roller Guide Model VR (VR18)



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

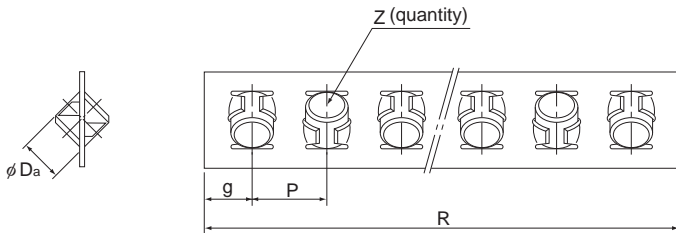
**VR18 -400 H × 10Z**

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 $\delta$ $\mu\text{m}$	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					
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)