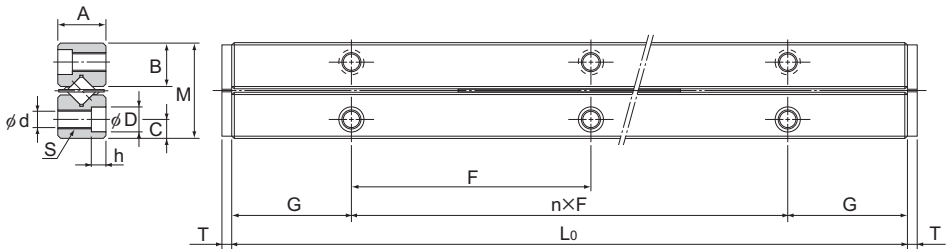


Cross-Roller Guide Model VR (VR3)

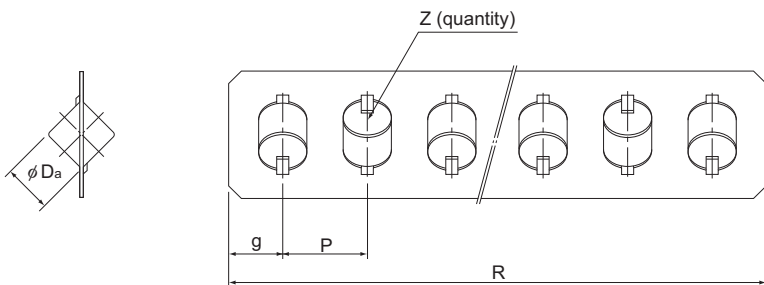


Model No.	Maximum stroke	Main dimensions								
		Combined dimensions			Mounting dimensions					
		M	A	L_0	$n \times F$	G	B	C	S	d
VR 3- 50×7Z	28	18	8	50	1×25	12.5	8.3	3.5	M4	3.3
VR 3- 75×10Z	48			75	2×25					
VR 3-100×14Z	58			100	3×25					
VR 3-125×17Z	78			125	4×25					
VR 3-150×21Z	88			150	5×25					
VR 3-175×24Z	108			175	6×25					
VR 3-200×28Z	118			200	7×25					
VR 3-225×31Z	138			225	8×25					
VR 3-250×35Z	148			250	9×25					
VR 3-275×38Z	168			275	10×25					
VR 3-300×42Z	178			300	11×25					

Model number coding

VR3 -75 H × 9Z

- Number of rollers or balls
- Accuracy symbol
- Dedicated rail dimension in mm
(example of indication for a combination of different overall lengths: 100/125)
- Combined model number (for Ball Guide: VB)



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
6	3.1	2	3	36	3	5	7	-4	0.639	0.611	0.45
				51			10				
				71			14				
				86			17				
				106			21				
				121			24				
				141			28				
				156			31				
				176			35				
				191			38				
				211			42				

the required number of balls.

(Example) VB3-150H x 20Z

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., VR3M)