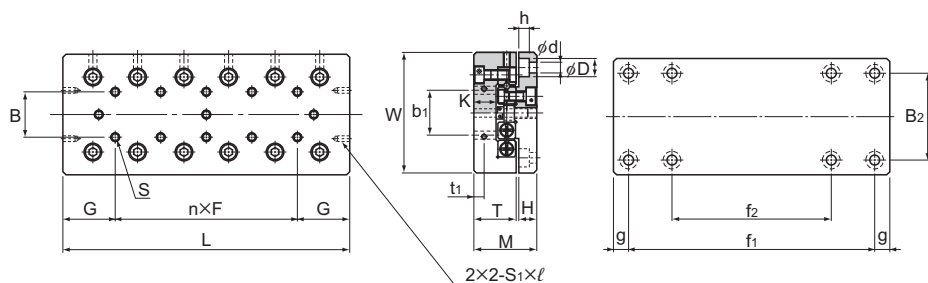


Model VRU



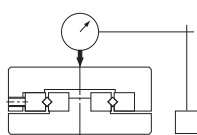
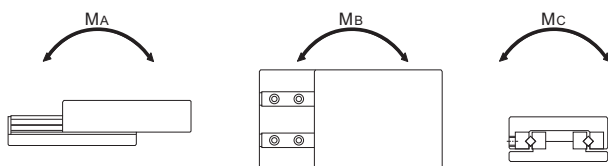
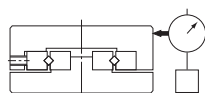
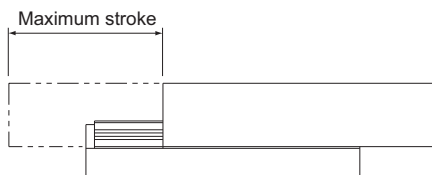
Model No.	Main dimensions					Table surface dimensions						
	Maximum stroke	Width W -0.2 -0.4	Height M ±0.1	Length L	Mass ¹ kg	Table mounting tap position				Side surface mounting tap position		
						B	n×F	G	S	b ₁	t ₁	S ₁ ×ℓ
VRU 1025	12	30	17	25	0.08(0.04)	10	□	12.5	M2	12	2.5	M2×4
VRU 1035	18			35	0.11(0.05)		1×10					
VRU 1045	25			45	0.15(0.07)		2×10					
VRU 1055	32			55	0.18(0.09)		3×10					
VRU 1065	40			65	0.21(0.1)		4×10					
VRU 1075	45			75	0.24(0.12)		5×10					
VRU 1085	50			85	0.27(0.13)		6×10					
VRU 2035	18	40	21	35	0.2(0.09)	15	□	17.5	M3	16	3.4	
VRU 2050	30			50	0.26(0.13)		1×15					
VRU 2065	40			65	0.34(0.17)		2×15					
VRU 2080	50			80	0.42(0.21)		3×15					
VRU 2095	60			95	0.5(0.25)		4×15					
VRU 2110	70			110	0.58(0.29)		5×15					
VRU 2125	80			125	0.66(0.33)		6×15					

¹ The value in the parentheses represents the mass of a stainless steel type.

Note: Stainless steel type with high corrosion resistance is also available.

(Example) VRU 2035 M

Symbol for stainless steel type
(table base: aluminum)

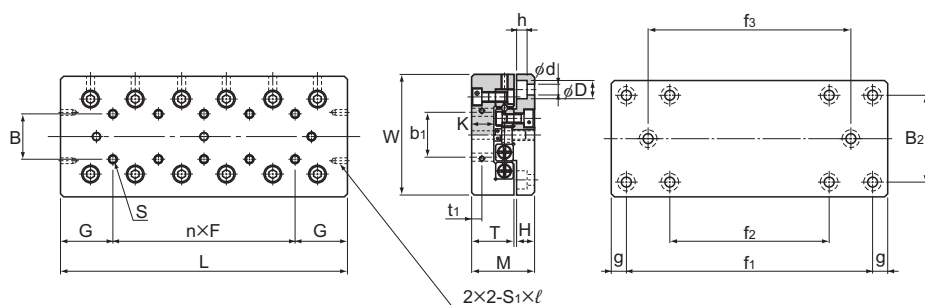
Accuracy: ΔC Accuracy: ΔD 

Unit: mm

					Base surface dimensions Mounting hole position					Basic load rating		Static permissible moment			Accuracy μm	
					B ₂	f ₁	f ₂	g	No. of rollers Z	C	C ₀	M _A	M _B	M _C	ΔC	ΔD
	T	H	K	d×D×h						kN	kN	N·m	N·m	N·m		
	11	5.5	6.5	2.55×4.1×2.5	22	18	□	3.5	5	0.46	0.61	1.52	1.25	4.12	2	4
						28	□		7	0.63	0.92	2.62	2.32	6.18		
						38	□		10	0.95	1.53	4.14	4.53	10.3		
						48	28		12	1.09	1.83	5.92	6.41	12.4		
						58	38		14	1.23	2.14	8.08	8.62	14.4		
						68	48		18	1.5	2.75	13.3	14	18.6		
						78	58		20	1.63	3.05	16.4	17.2	20.6		
	14	6.5	7.5	3.5×6×3.5	30	25	□	5	5	0.84	1.09	4.32	3.55	9.77	3	4
						40	□		7	1.16	1.63	7.45	6.59	14.7		
						55	□		9	1.46	2.17	11.8	10.6	19.5		
						70	40		12	2.01	3.26	16.9	18.2	29.3		5
						85	55		14	2.26	3.8	23	24.5	34.2		
						100	70		17	2.51	4.34	37.9	35.7	39.1		
						115	85		19	2.76	4.89	46.7	44.3	44		6

Cross-Roller Table

Model VRU



Model No.	Main dimensions					Table surface dimensions						
	Maximum stroke	Width W ±0.1	Height M ±0.1	Length L	Mass ¹ kg	Table mounting tap position				Side surface mounting tap position		
						B	n×F	G	S	b ₁	t ₁	S ₁ ×ℓ
VRU 3055	30	60	28	55	0.57(0.3)	25	□	27.5	M4	40	5.5	M3×6
VRU 3080	45			80	0.8(0.4)		1×25					
VRU 3105	60			105	1.03(0.6)		2×25					
VRU 3130	75			130	1.26(0.7)		3×25					
VRU 3155	90			155	1.49(0.9)		4×25					
VRU 3180	105			180	1.72(1)		5×25					
VRU 3205	130			205	1.95(1.1)		6×25					
VRU 4085	50	80	35	85	1.5(0.8)	40	□	42.5	M5	55	6.5	
VRU 4125	75			125	2.3(1.2)		1×40					
VRU 4165	105			165	3.1(1.5)		2×40					
VRU 4205	135			205	3.8(1.9)		3×40					
VRU 4245	155			245	4.6(2.2)		4×40					
VRU 4285	185			285	5.3(2.6)		5×40					

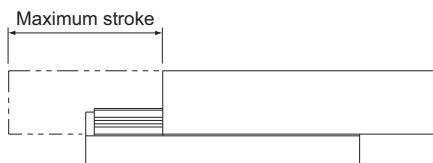
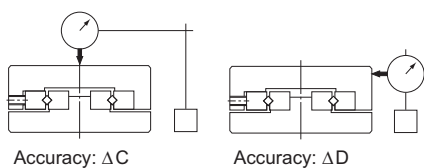
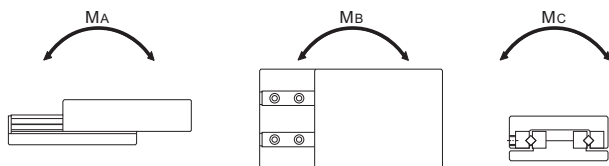
¹ The value in the parentheses represents the mass of a stainless steel type.

Note: Stainless steel type with high corrosion resistance is also available.

(Example) VRU 3080 M

└ Symbol for stainless steel type

(table base: aluminum)

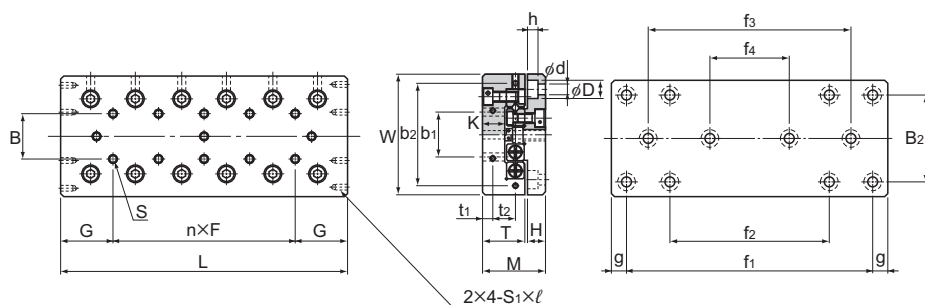


Unit: mm

					Base surface dimensions Mounting hole position					Basic load rating		Static permissible moment			Accuracy μm							
					B ₂	f ₁	f ₂	f ₃	g	No. of rollers Z	C	C ₀	M _A	M _B	M _C	ΔC	ΔD					
	T	H	K	d×D×h		kN	kN	N·m			N·m	N·m										
18.5	9	10	4.5×7.5×5	40	35	□	□	10	6	2.71	3.67	12.2	13.9	51.3	2	5						
					60	□	□		10	4.06	6.11	33.1	36.2	85.5								
					85	□	□		13	4.68	7.33	64.6	59.8	103								
					110	□	□		17	5.87	9.77	107	100	137	3	6						
					135	□	85		20	6.98	12.2	131	138	171								
					160	□	110		24	8.05	14.7	189	196	205								
					185	85	135		26	8.57	15.9	222	230	222								
					24	10.5	12.5		5.5×9.5×6	60	65	□	□	10	7	5.9	8.11	64.9	57.4	162	2	5
											80	□	□	11	8.82	13.5	147	134	270	3	7	
											120	□	□	14	11.5	18.9	200	214	378			
160	80	□	18	14				24.3			330	347	486									
200	120	□	22	16.3				29.7			492	513	594									
240	160	□	26	18.6				35.1			687	711	703									

Cross-Roller Table

Model VRU



Model No.	Main dimensions					Table surface dimensions									
	Maximum stroke	Width W ± 0.1	Height M ± 0.1	Length L	Mass ¹ kg	Table mounting tap position				Side surface mounting tap position					
						B	n x F	G	S	b ₁	b ₂	t ₁	t ₂	S ₁ x ℓ	
VRU 6110	60	100	45	110	3.2(1.7)	50	☐	55	M6	60	92	8	15		
VRU 6160	95			160	4.6(2.5)		1 x 50								
VRU 6210	130			210	6(3.2)		2 x 50								
VRU 6260	165			260	7.4(4)		3 x 50								
VRU 6310	200			310	8.7(4.8)		4 x 50								
VRU 6360	235			360	10.1(5.6)		5 x 50								
VRU 6410	265			410	11.5(6.4)		6 x 50								
VRU 9210	130	145	60	210	12(7.1)	85	☐	105	M8	90	135	11	20		M4 x 8
VRU 9310	180			310	17.6(7.9)		1 x 100								
VRU 9410	350			410	23.2(□)		2 x 100								
VRU 9510	450			510	28.8(□)		3 x 100								
VRU 9610	550			610	34.4(□)		4 x 100								
VRU 9710	650			710	40(□)		5 x 100								
VRU 9810	750			810	45.6(□)		6 x 100								
VRU 9910 ²	850			910	51.2(□)		7 x 100								
VRU 91010 ²	950			1010	56.8(□)		8 x 100								

¹ The value in the parentheses represents the mass of a stainless steel type.

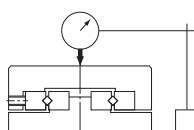
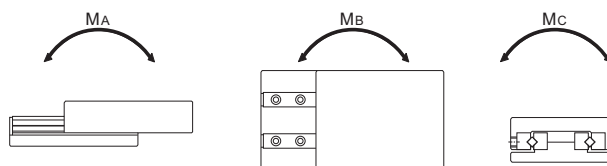
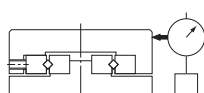
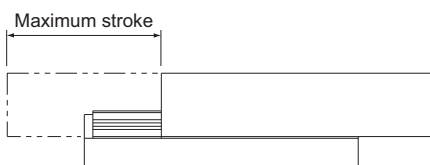
² Models VRU9910 and VRU91010 are built to order.

Note: Stainless steel type with high corrosion resistance is also available.

(Example) VRU 6310 M

Symbol for stainless steel type

(table base: aluminum)

Accuracy: ΔC Accuracy: ΔD 

Unit: mm

					Base surface dimensions Mounting hole position						Basic load rating		Static permissible moment			Accuracy μm		
					B ₂	f ₁	f ₂	f ₃	f ₄	g	No. of rollers Z	C kN	C ₀ kN	M _A N·m	M _B N·m	M _C N·m	ΔC	ΔD
	T	H	K	d×D×h														
31	13	15	7×11×7	60	90	□	□	□	10	6	16.4	22.7	150	172	510	3	6	
					140	□	□	□		9	20.5	30.2	410	367	680	3	6	
					190	□	90	□		13	28.2	45.3	800	740	1020	3	7	
					240	□	140	□		16	35.3	60.5	1040	1100	1360	3	7	
					290	□	190	□		19	38.8	68	1630	1540	1530	4	8	
					340	140	240	□		22	45.3	83.1	1970	2050	1870	4	8	
					390	190	290	□		26	51.6	98.3	2750	2840	2210	4	8	
					100	□	□	□		9	52.3	75.8	1440	1290	2730	3	7	
					200	□	□	□		14	81.1	133	2810	2990	4780	3	7	
					300	□	100	□		15	81.1	133	3660	3420	4780	4	8	
43	16	21	9×14×9	90	400	□	200	□	55	19	98.7	171	5710	5410	6140	4	8	
					500	100	300	□		22	115	208	6910	7200	7500	4	9	
					600	200	400	□		26	131	246	9640	9980	8870	4	9	
					700	300	500	100		29	139	265	12800	12400	9550	5	10	
					800	400	600	200		33	155	303	16500	15900	10900	5	10	
					900	500	700	300		37	169	341	20500	20000	12300	5	10	

Cross-Roller Table