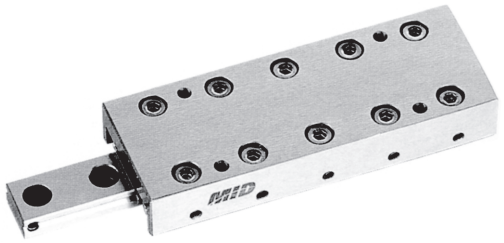
MVRT - A type Miniature version (Base-fixing type)

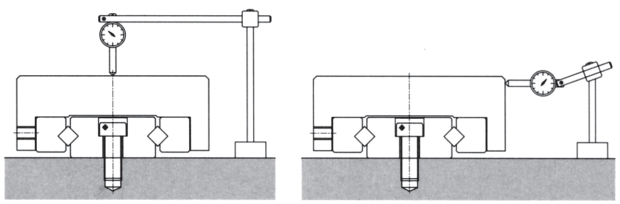
• Examples of model number formation

MVRTR | 1 | 085 | A

- A: Base fixing hole type
- 085: Overall length of a table
- 1: Model number
- MVRTR: MVRT Standard type / MVRTR Raydent type

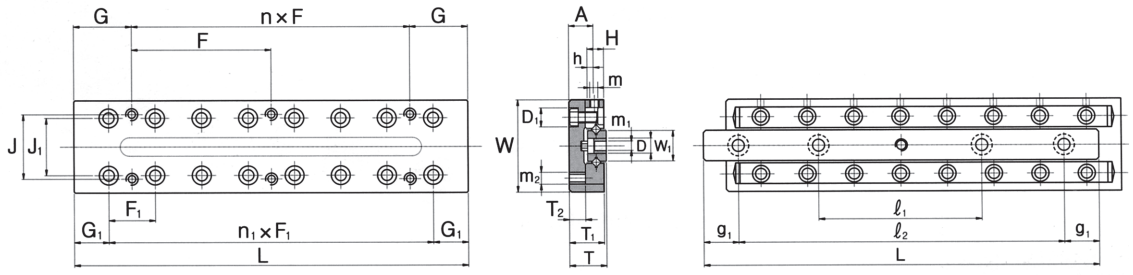


Model number	Major dimension					Dimension of a table side										(Next Page ☛)
	Max. stroke	Width W ±0.1	Height T ±0.1	Length L	Quantity g	Location of a tap attached to the table					F_1	n_1 X F_1	J_1	D_1	G_1	
						J	F	n X F	G	m_2						
MVRT 1025 A	12			25	23		18	1 x 18	3.5			1 x 10				
MVRT 1035 A	18			35	32		28	1 x 28	3.5			2 x 10				
MVRT 1045 A	25			45	42		20	1 x 20	12.5			3 x 10				
MVRT 1055 A	32	28	8	55	52	14	30	1 x 30	12.5	M2.6 x 0.45	10	4 x 10	12.4	4.1	7.5	
MVRT 1065 A	40			65	62		20	2 x 20	12.5			5 x 10				
MVRT 1075 A	45			75	72		30	1 x 30	22.5			6 x 10				
MVRT 1085 A	50			85	82		30	2 x 30	12.5			7 x 10				



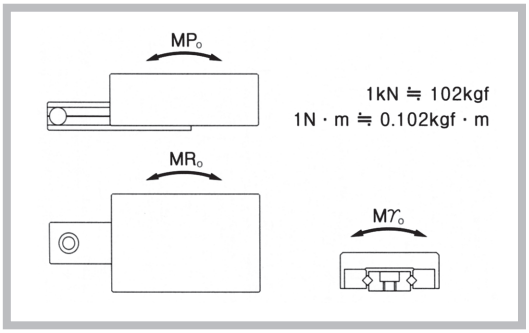
Lower-part fastening method

MVRTR 1 A



(Unit : mm)

Dimension of the side						Size of base section Location of fixing hole					Basic load capacity		Static-permissible moment			Precision μm	
T_1	T_2	H	W_1	A	m	m_1 x D x h	ℓ_1	ℓ_2	g_1	The number of rollers Z	C kN	C_0 kN	MP_0 N·m	MR_0 N·m	$M\gamma_0$ N·m	⊿C	⊿D
15.5	7.5	8	16	11.5	M2	2.5 x 4.1 x 2.2	-	18	3.5	5	0.28	0.27	0.75	0.46	0.69	2	4
							-	25	5	7	0.38	0.41	1.23	0.85	1.03		
							25	38	3.5	10	0.56	0.69	2.18	1.67	1.72		5
							29	48	3.5	12	0.65	0.82	2.97	2.35	2.06		
							31	55	5	14	0.73	0.96	3.87	3.17	2.4		
							35	65	5	18	0.87	1.27	6.05	5.16	3.19		
							40	75	5	20	0.94	1.27	7.32	6.37	3.43		

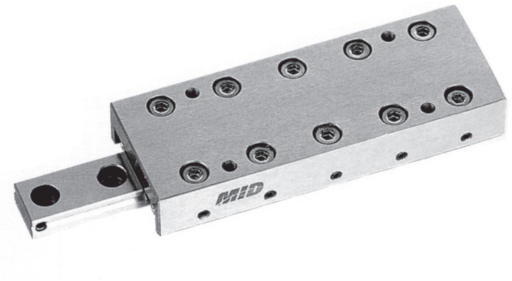


MVRT - A type Miniature version (Base-fixing type)

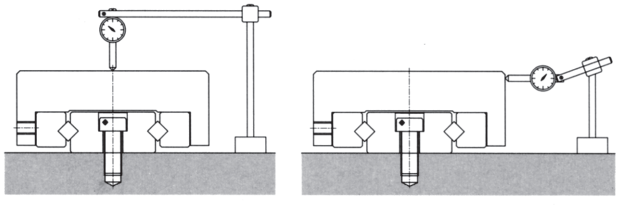
• Examples of model number formation

MVRTR | 2 | 125 | A

- A: Base fixing hole type
- 125: Overall length of a table
- 2: Model number
- MVRTR: MVRT Standard type / MVRTR Raydent type

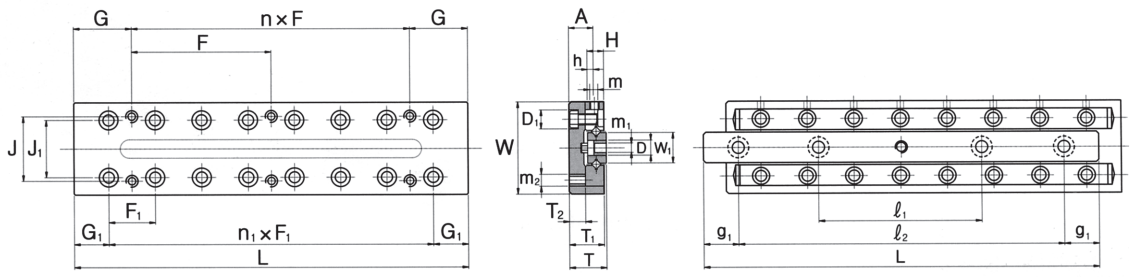


Model number	Major dimension					Dimension of a table side (Next Page ☛)									
	Max. stroke	Width W ±0.1	Height T ±0.1	Length L	Quantity g	Location of a tap attached to the table					F_1	$n_1 X F_1$	J_1	D_1	G_1
						J	F	n X F	G	m_2					
MVRT 2035 A	18			35	78		28	1 x 28	3.5			1 x 15			
MVRT 2050A	30			50	113		43	1 x 43	3.5			2 x 15			
MVRT 2065 A	40			65	147		30	1 x 30	17.5			3 x 15			
MVRT 2080 A	50	30	8	80	181	22	45	1 x 45	17.5	M3 x 0.5	15	4 x 15	20	6	10
MVRT 2095 A	60			95	217		30	2 x 30	17.5			5 x 15			
MVRT 2110 A	70			110	254		45	1 x 45	32.5			6 x 15			
MVRT 2125 A	80			125	287		45	2 x 45	17.5			7 x 15			



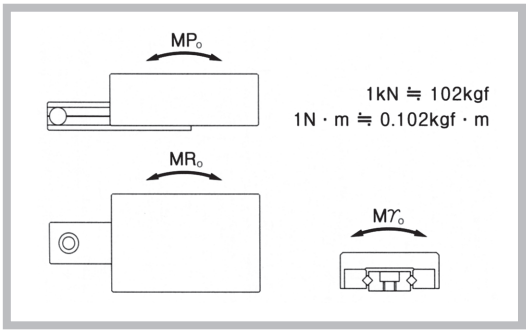
Lower-part fastening method

MVRTR 2 A



(Unit : mm)

Dimension of the side						Size of base section Location of fixing hole					Basic load capacity		Static-permissible moment			Precision μm	
T_1	T_2	H	W_1	A	m	m_1 x D x h	ℓ_1	ℓ_2	g_1	The number of rollers Z	C kN	C_0 kN	MP_0 N·m	MR_0 N·m	$M\gamma_0$ N·m	⊿C	⊿D
11.5	5.5	6	12	8.5	M2	3.5 x 6 x 3.2	-	25	5	5	0.51	0.51	2.29	1.37	2.21	2	4
							-	35	7.5	7	0.69	0.76	3.76	2.65	3.32		
							33	55	5	9	0.85	0.98	5.62	4.22	4.25		5
							40	70	5	12	0.98	1.27	9.10	7.26	5.25		
							45	85	5	14	1.11	1.57	11.8	9.71	6.80		
							50	95	7.5	17	1.47	2.06	16.7	14.1	8.93		
							55	110	7.5	19	1.57	2.25	20.4	17.5	9.77		

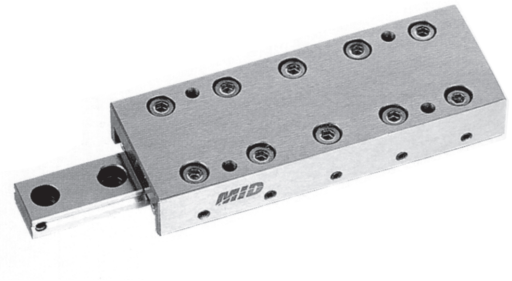


MVRT - A type Miniature version (Base-fixing type)

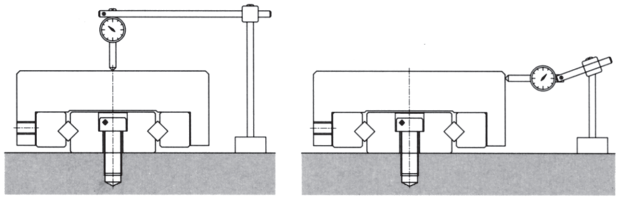
• Examples of model number formation

MVRTR | 3 | 205 | A

- A: Base fixing hole type
- 205: Overall length of a table
- 3: Model number
- MVRTR: MVRT Standard type / MVRTR Raydent type

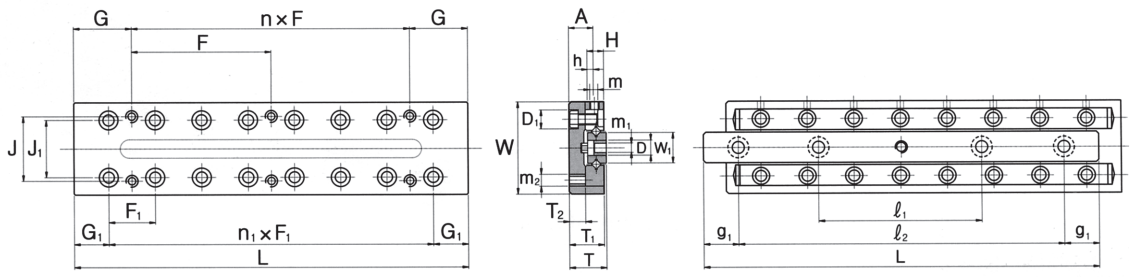


Model number	Major dimension					Dimension of a table side										(Next Page ☛)
	Max. stroke	Width W ±0.1	Height T ±0.1	Length L	Quantity g	Location of a tap attached to the table					F_1	n_1 X F_1	J_1	D_1	G_1	
						J	F	n X F	G	m_2						
MVRT 3055 A	30			55	226		40	1 x 40	7.5			1 x 25				
MVRT 3080 A	45			80	333		65	1 x 65	7.5			2 x 25				
MVRT 3105 A	60			105	439		50	1 x 50	27.5			3 x 25				
MVRT 3130 A	75	40	16	130	548	30	75	1 x 75	27.5	M4 x 0.7	25	4 x 25	28.4	7.5	15	
MVRT 3155 A	90			155	652		50	2 x 50	27.5			5 x 25				
MVRT 3180 A	105			180	761		75	1 x 75	52.5			6 x 25				
MVRT 3205 A	130			205	886		75	2 x 75	27.5			7 x 25				



Lower-part fastening method

MVRTR 3 A



(Unit : mm)

Dimension of the side						Size of base section Location of fixing hole					Basic load capacity		Static-permissible moment			Precision μm	
T_1	T_2	H	W_1	A	m	m_1 x D x h	ℓ_1	ℓ_2	g_1	The number of rollers Z	C kN	C_0 kN	MP_0 N·m	MR_0 N·m	$M\gamma_0$ N·m	⊿C	⊿D
15.5	7.5	8	16	11.5	M2	4.5 x 7.5 x 4.2	-	40	7.5	6	1.27	1.37	9.85	6.57	7.97	2	5
							43	68	6	10	2.16	2.84	22.2	17.0	16.5		
							55	90		13	2.94	4.22	34.8	21.8	24.4	3	6
							65	115		17	3.63	5.69	55.8	47.1	33.3		
							95	140	7.5	20	3.92	6.37	74.7	64.6	36.9		
							85	165		24	4.02	6.57	104	92.3	38.1		
							90	190		26	4.22	7.16	120.8	107.9	41.5		

