

WRGW Type

Examples of model number formation

WRGW **2** - **120** **H** - **21Z**

1 2 3 4 5

- 1 Part No. 2 Roller Size 3 Length of Race rail
 4 Accuracy : Normal(No symbol), High(H), Precision(P)
 5 The number of Roller

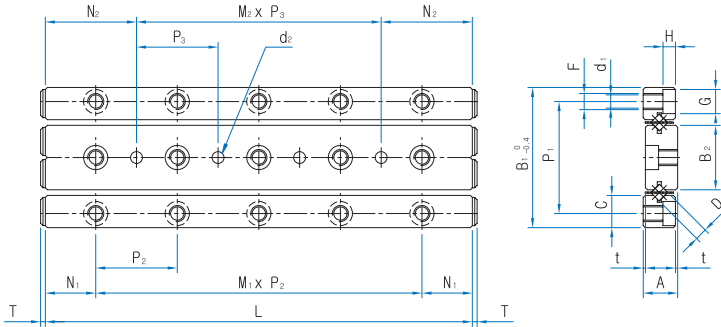
* Please inquire us for your specially required dimensions & applicaton



Part No.	Max. Stroke	D	No. of Roller Z	Dimensions						
				L	A	t	B ₁	B ₂	C	P ₁
WRGW 1020	12	1.5	5	20	4.5	0.5	17	7.6	3.8	13.4
WRGW 1030	22		7	30						
WRGW 1040	27		10	40						
WRGW 1050	32		13	50						
WRGW 1060	37		16	60						
WRGW 1070	42		19	70						
WRGW 1080	52		21	80						
WRGW 2030	18	2	5	30	6.5	0.5	24	11	5.5	19
WRGW 2045	24		8	45						
WRGW 2060	30		11	60						
WRGW 2075	44		13	75						
WRGW 2090	50		16	90						
WRGW 2105	64		18	105						
WRGW 2120	70		21	120						
WRGW 3050	28	3	7	50	8.5	0.5	36	16.6	8.3	29
WRGW 3075	48		10	75						
WRGW 3100	58		14	100						
WRGW 3125	78		17	125						
WRGW 3150	88		21	150						
WRGW 3175	108		24	175						
WRGW 3200	118		28	200						
WRGW 4080	58	4	7	80	11.5	0.5	44	20.4	10.2	35
WRGW 4120	82		11	120						
WRGW 4160	106		15	160						
WRGW 4200	130		19	200						
WRGW 4240	154		23	240						
WRGW 4280	178		27	280						

Note 1) 1Set = 3 Race rail + 2 Roller cages + 8 Stoppers.

Note 2) Basic load ratings are based on 1 set.



Unit : mm

Dimensions										Basic load ratings		Mass kg/m (Rail/EA)	Part No.
$M \times P_2$	N_1	$M_2 \times P_3$	N_2	F	d_1	G	H	T	d_2	Dyn. C (kN)	Stat. Co (kN)		
1×10		—								0.46	0.61	9	WRGW 1020
2×10		1×10								0.63	0.92	14	WRGW 1030
3×10		2×10								0.95	1.53	18	WRGW 1040
4×10	5	3×10	10	M2	1.65	3	1.4	1.5	2	1.09	1.84	22	WRGW 1050
5×10		4×10								1.37	2.45	26	WRGW 1060
6×10		5×10								1.50	2.75	31	WRGW 1070
7×10		6×10								1.63	3.06	35	WRGW 1080
1×15		—								0.46	1.08	29	WRGW 2030
2×15		1×15								0.81	2.17	43	WRGW 2045
3×15		2×15								0.96	2.71	58	WRGW 2060
4×15	7.5	3×15	15	M3	2.55	4.4	2	2	3	1.11	3.25	72	WRGW 2075
5×15		4×15								1.39	4.34	83	WRGW 2090
6×15		5×15								1.52	4.38	99	WRGW 2105
7×15		6×15								1.65	5.42	113	WRGW 2120
1×25		—								2.71	3.67	101	WRGW 3050
2×25		1×25								4.06	6.11	142	WRGW 3075
3×25		2×25								5.28	8.55	197	WRGW 3100
4×25	12.5	3×25	25	M4	3.3	6	3.1	2.5	4	5.86	9.78	240	WRGW 3125
5×25		4×25								6.98	12.2	292	WRGW 3150
6×25		5×25								8.05	14.7	339	WRGW 3175
7×25		6×25								9.08	17.1	387	WRGW 3200
1×40		—								5.92	8.10	263	WRGW 4080
2×40		1×40								8.85	13.5	401	WRGW 4120
3×40		2×40								11.5	18.9	530	WRGW 4160
4×40	20	3×40	40	M5	4.3	8	4.2	2.5	5	14.0	24.3	660	WRGW 4200
5×40		4×40								16.4	29.7	787	WRGW 4240
6×40		5×40								18.7	35.1	920	WRGW 4280

1N ≙ 0.102kgf

Cross Roller Guide Way