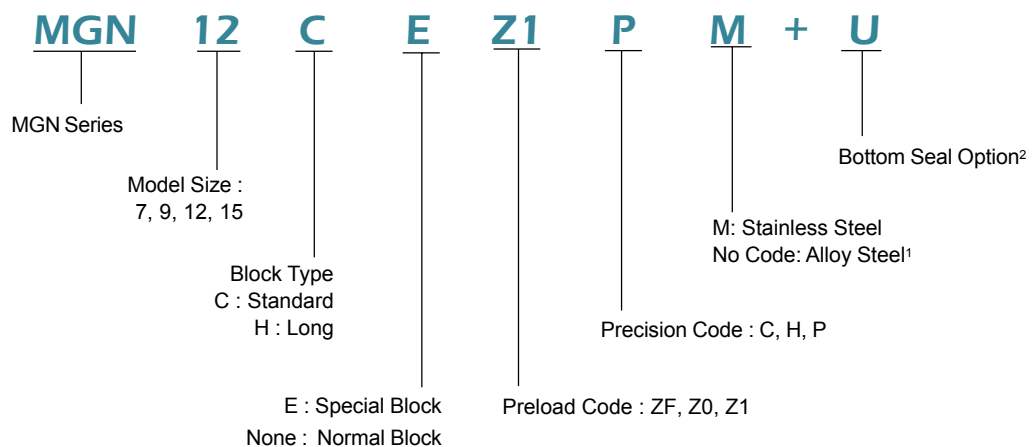
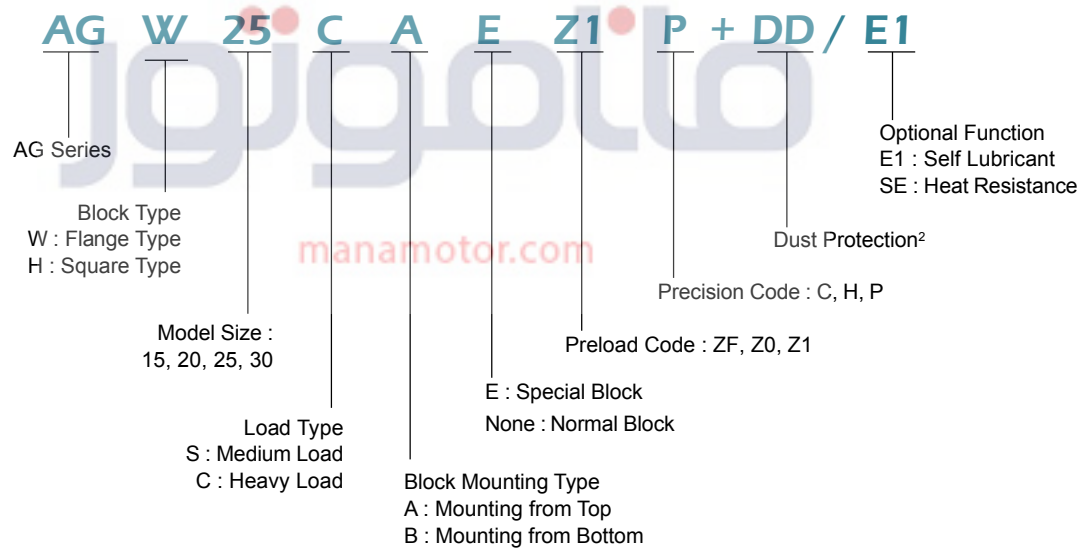
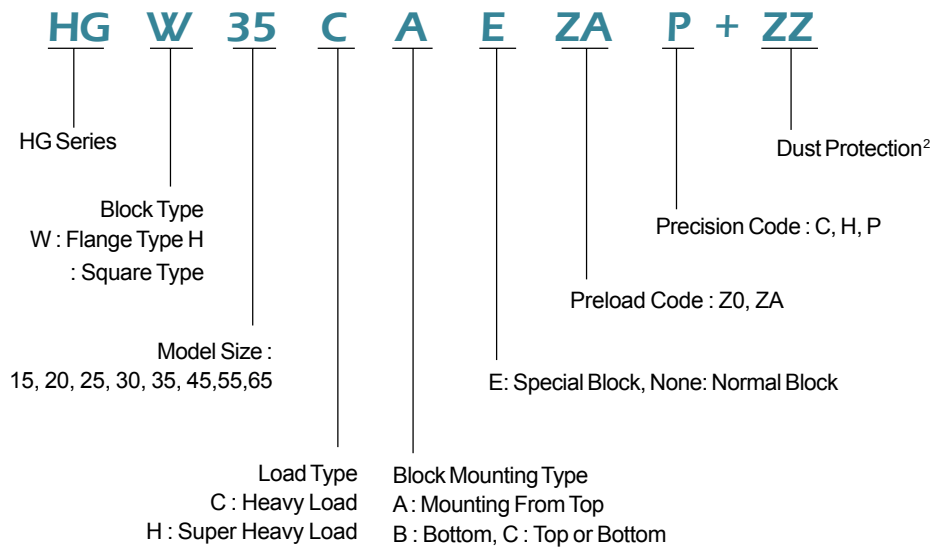


2-1-2 Interchangeable Block



2-2-3 MGN/MGW Non-interchangeable Type

Unit: mm

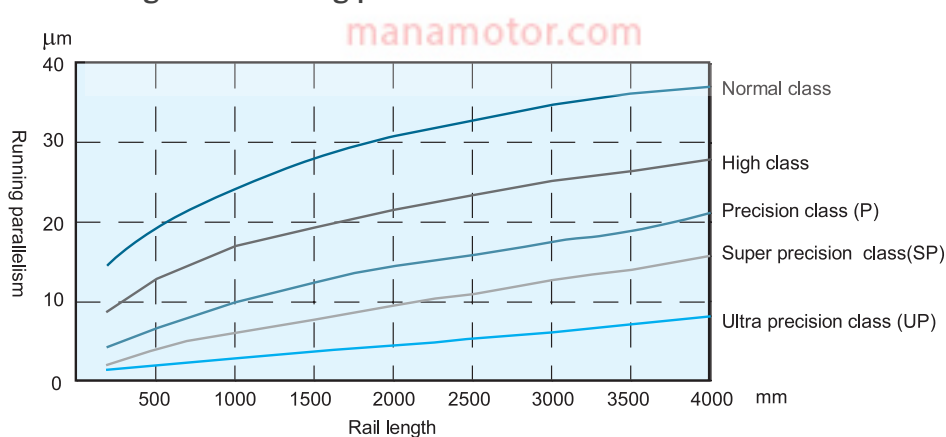
Item	Normal (C)	High (H)	Precision (P)
Dimension tolerance of height H	± 0.04	± 0.02	± 0.01
Dimension tolerance of width N	± 0.04	± 0.025	± 0.015
Pair Variation of height H	0.03	0.015	0.007
Pair Variation of width N (Master Rail)	0.03	0.02	0.01
Running parallelism of block surface C to surface A	According to Figure 1		
Running parallelism of block surface D to surface B	According to Figure 1		

2-2-4 MGN/MGW Interchangeable Type

Unit: mm

Item	Normal (C)	High (H)	Precision (P)
Dimension tolerance of height H	± 0.04	± 0.02	± 0.01
Dimension tolerance of width N	± 0.04	± 0.025	± 0.015
One Set	Pair Variation of height H	0.03	0.015
	Pair Variation of width N	0.02	0.01
Pair variation of height H (Multi Sets)	0.07	0.04	0.02
Running parallelism of block surface C to surface A	According to Figure 1		
Running parallelism of block surface D to surface B	According to Figure 1		

Figure 1 : Rail length and running parallelism



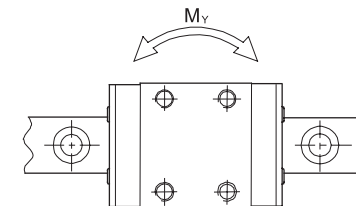
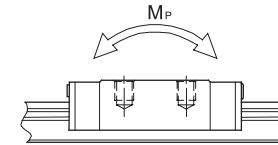
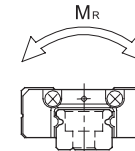
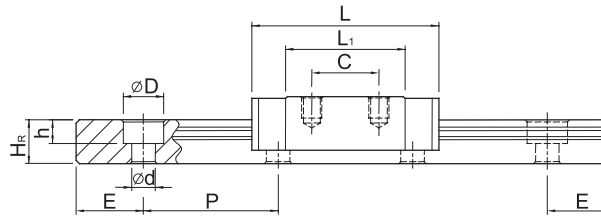
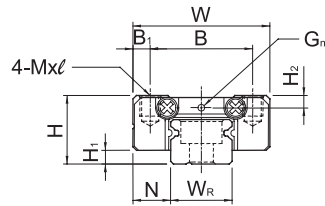
2-3 Preload

2-3-1 HG Series

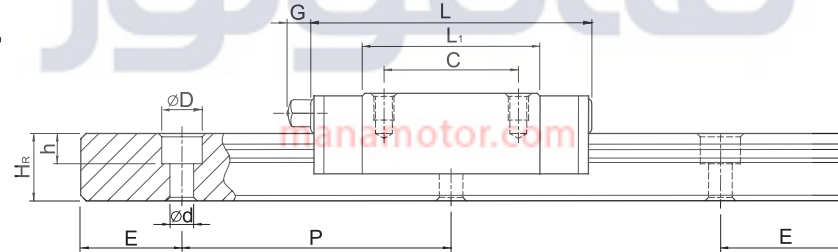
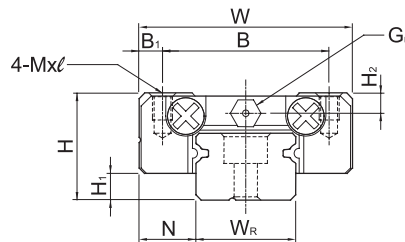
Class	Preload	Code
Very Light Preload	0 ~ 0.02C	Z0
Light Preload	0.05C ~ 0.07C	ZA
Medium Preload	over 0.10C	ZB

3-8 MGN-C/H Type

► MGN 7, MGN 9, MGN 12



► MGN 15



Model No.	Dimensions of Assembly (mm)			Dimensions of Block (mm)										Dimensions of Rail (mm)								Mounting Bolt for Rail (mm)	Basic Dynamic Load Rating C (kgf)	Basic Static Load Rating C ₀ (kgf)	Static Rated Moment			Weight	
																									M _R (kgf-m)	M _P (kgf-m)	M _Y (kgf-m)	Block (g)	Rail (kg/m)
	H	H ₁	N	W	B	B ₁	C	L ₁	L	G	G _n	M x ℓ	H ₂	W _R	H _R	D	h	d	P	E									
MGN 7C MGN 7H	8	1.5	5	17	12	2.5	8 13	13.5 21.8	22.5 30.8	-	ø0.8	M2 x 2.5	1.5	7	4.8	4.2	2.3	2.4	15	5	M2x6	100 140	127 200	0.48 0.78	0.29 0.49	0.29 0.49	10 15	0.22	
MGN 9C MGN 9H	10	2	5.5	20	15	2.5	10 16	18.9 29.9	28.9 39.9	-	ø0.8	M3 x 3	1.8	9	6.5	6	3.5	3.5	20	7.5	M3x8	190 260	260 410	1.2 2	0.75 1.9	0.75 1.9	16 26	0.38	
MGN 12C MGN 12H	13	3	7.5	27	20	3.5	15 20	21.7 32.4	34.7 45.4	-	ø0.8	M3 x 3.5	2.5	12	8	6	4.5	3.5	25	10	M3x8	290 380	400 600	2.6 3.9	1.4 3.7	1.4 3.7	34 54	0.65	
MGN 15C MGN 15H	16	4	8.5	32	25	3.5	20 25	26.7 43.4	42.1 58.8	4.5	GN3S	M3 x 4	3	15	10	6	4.5	3.5	40	15	M3x10	470 650	570 930	4.6 7.5	2.2 5.9	2.2 5.9	59 92	1.06	