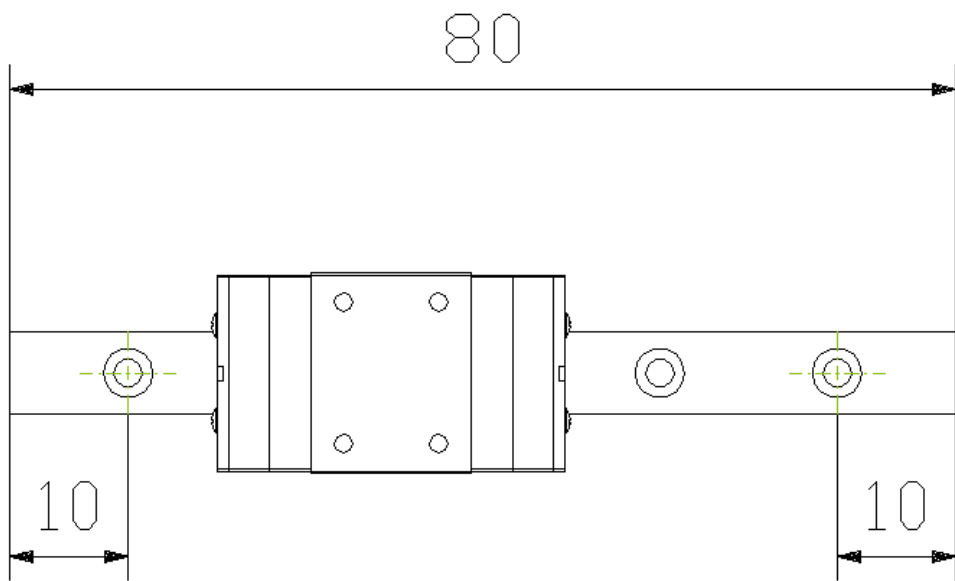
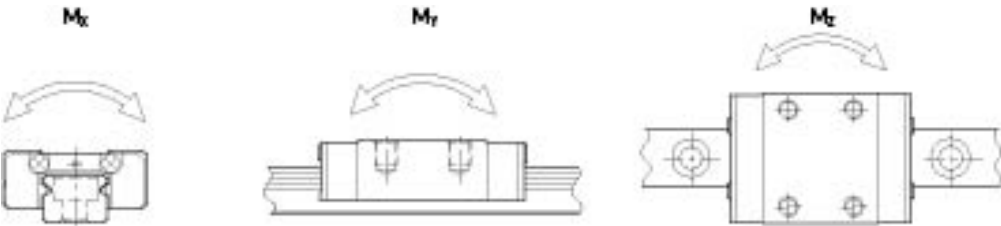


Dimensional drawing



Configuration attributes: MGN07C1R80ZFHM+EL			
Series	MGN		
Size	07		
Load type	C	heavy load	
Blocks per rail	1		
Rail mounting	R	from above	
Rail length	80		
Block preload	ZF	Slight preload	
Precision code	H		
Rail material	M	HIRES	
Rails per axis	1		
Sealing system	SS		
Long-term lubrication	EL	Long-term lubrication	
Coating	N	without	

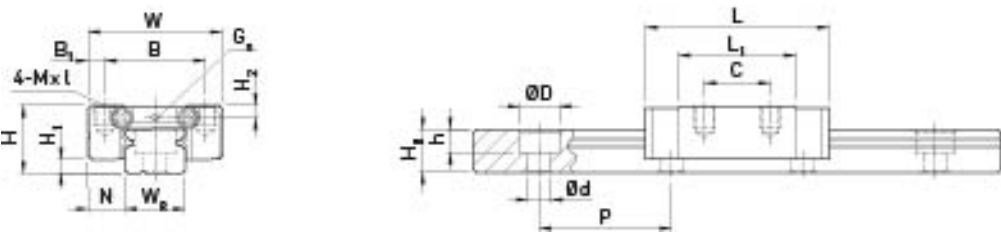
Load rates and moments



Series/ Size	Dynamic load rate $C_{dyn}$ [N] <sup>1)</sup>	Static load rate $C_0$ [N]	Dynamic moment [Nm]			Static moment [Nm]		
			$M_x$	$M_y$	$M_z$	$M_{0x}$	$M_{0y}$	$M_{0z}$
MGN_07C	980	1245	3	2	2	4.7	2.84	2.84

<sup>1)</sup> Dynamic load rate for 50,000 m travel distance

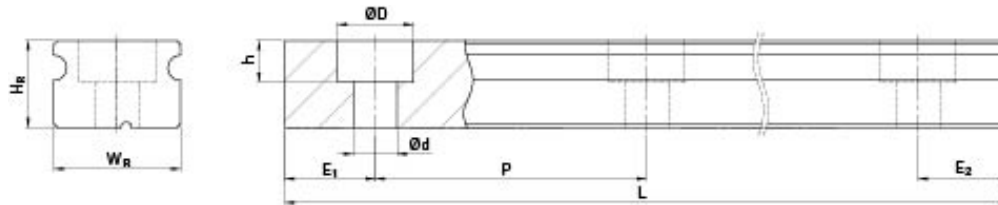
Block measurements [mm]



Series/ Size	Mounting dimensions [mm]			Load rates [N]		Weight [kg] m
	H	H <sub>1</sub>	N	$C_{dyn}$	$C_0$	
MGN07C	8	1.5	5	980	1245	0.01

Series/ Size	Block measurements [mm]																		
	W	B	B <sub>1</sub>	C	C <sub>1</sub>	L <sub>1</sub>	L	K <sub>1</sub>	K <sub>2</sub>	M	G	G <sub>n</sub>	T	T <sub>1</sub>	T <sub>2</sub>	H <sub>2</sub>	H <sub>3</sub>	L <sub>K</sub>	L <sub>K1</sub>
MGN07C	17	12	2.5	8	-	13.5	29.5	-	-	M2	-	1.2	-	-	-	1.5	-	-	-

Rail measurements [mm]



Series/ Size	Assembly screw for rail	Rail measurements [mm]								
		W <sub>R</sub>	W <sub>B</sub>	H <sub>R</sub>	D	H	d	P	L <sub>K</sub>	L <sub>K1</sub>
MGNR07R	M2 x 8	7	-	4.8	4.2	2.3	2.4	15		

Specifications for your order:

MGN07C1R80ZFHM+EL

Linear Guideway (HIRES - Corrosion-resistant steel)

preserved

- Part 1 (1x): 80 mm (10 / 4x15 / 10)

MGN07CZFHM (1 pcs.)

EL Lubrication unit (Pos. 1)

EL Lubrication unit (Pos. 2)

**Note:**

You can find information on lubrication and assembly in our assembly instructions

<https://www.hiwin.de/hiwin/de/EUR/service/downloads>