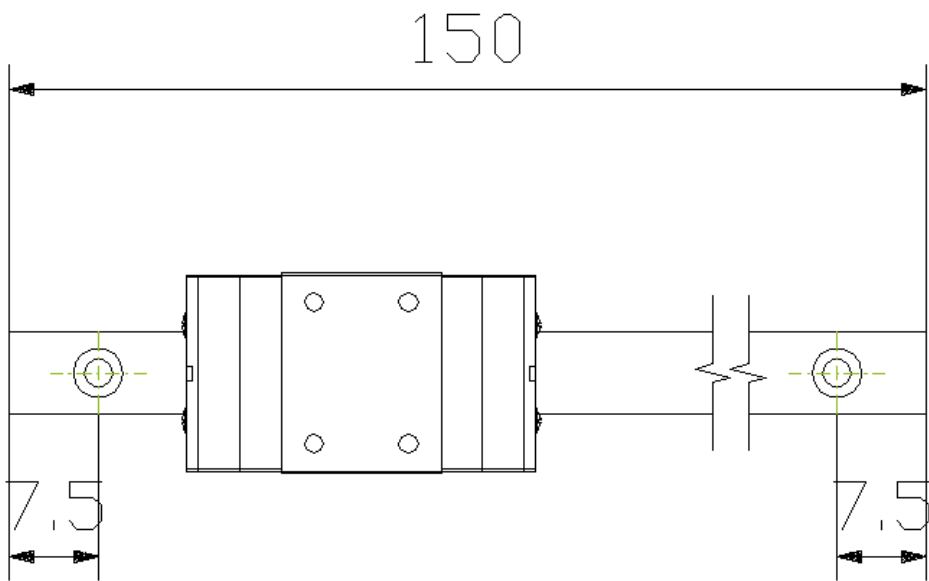
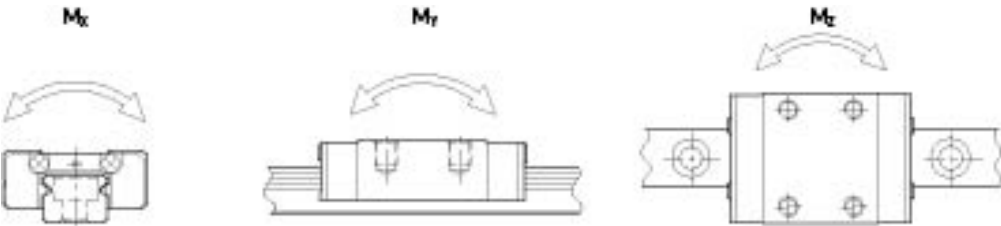


Dimensional drawing



Configuration attributes: MGN07C1R150ZFHM+EL			
Series	MGN		
Size	07		
Load type	C	heavy load	
Blocks per rail	1		
Rail mounting	R	from above	
Rail length	150		
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	

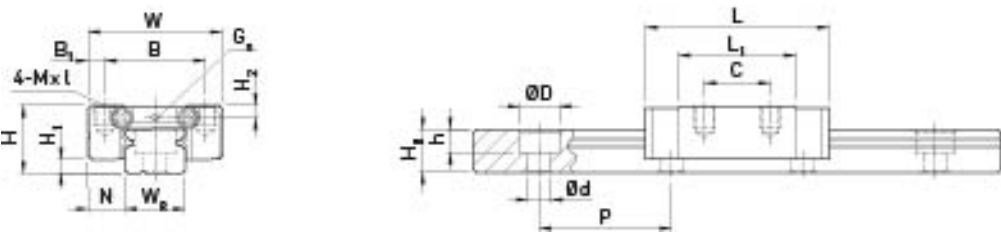
Load rates and moments



Series/ Size	Dynamic load rate C_{dyn} [N] ¹⁾	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

¹⁾ Dynamic load rate for 50,000 m travel distance

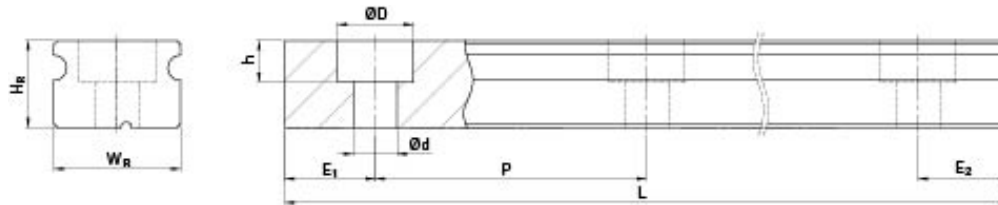
Block measurements [mm]



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

Series/ Size	Block measurements [mm]																		
	W	B	B ₁	C	C ₁	L ₁	L	K ₁	K ₂	M	G	G _n	T	T ₁	T ₂	H ₂	H ₃	L _K	L _{K1}
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 _R	W _B	H _R	D	H	d	P	L _K	L _{K1}
MGNR07R	M2 x 8	7	-	4.8	4.2	2.3	2.4	15		

Specifications for your order:

MGN07C1R150ZFHM+EL

Linear Guideway (HIRES - Corrosion-resistant steel)

preserved

- Part 1 (1x): 150 mm (7.5 / 9x15 / 7.5)

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>