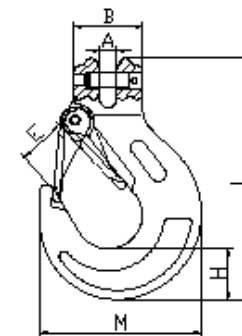


Technical sheet No 87GM/KAR

1. Supplier name: **GÓRALMET Sp. z o.o.** Supplier address: **ul. Krakowska 68, 32-860 Czchów, tel/fax 014 6635260**

2. Product name: **GM333-G8 Clevis slip hook with latch EN 1677-2**

3. Description and use: Grade 8 forged steel hooks with latch and clevis (type C) - for slings and lifting purposes. For use within technical parameters given in point 5 and the Directive 2006/42/EC
4. Working load limits are given for the normal working conditions. Usage in extreme conditions is not allowed without supplier agreement. Storage, installation and usage - according to instruction manual for lifting accessories.



5. Technical parameters:

No	Size [mm]	Nominal dimensions [mm]							Weight [kg/pc]	WLL Working load [t]	MPF Proof force [kN]	BF Breaking force [min. kN]	Material	Coatings	Product code No
		A	B	E	H	M	L	Pin [Ø mm]							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	6	6,5	32	20,5	21,5	68	108	7,7	0,291	1,12	27,5	43,9	Grade 8 steel: Cr >= 0,40 % Ni >= 0,40 % Mo >= 0,15 % Al >= 0,025 % S <= 0,025 % P <= 0,025 %	Paint	6
2	7/8	8,5	38,5	24	26	85	129	9,1	0,540	2	49	78,5			7/8
3	10	13	48,5	28,5	36	104,5	161,5	13	0,961	3,15	77,2	124			10
4	13	17	58	34,5	41	129	194	16	1,684	5,3	130	208			13
5	16	17	64	46	45	152	233,5	19,7	3,323	8	196	314			16

6. Additional informations:

- Safety factor -4
- $MPF=2,5 \times g \times WLL$, $BF=4,0 \times g \times WLL$ where g - acceleration of gravity in m/s^2 (i.e. 9,80665)
- Manufacturer and product identification code: GM333
- Traceability code: a four-digit number by formula - YYMM (YY = year of production, MM = month of production)
- Markings: manufacturer's symbol –  or GMG; ; manufacturer and product identification code; traceability code; product code No; class No – 8; WLL....T
- Marking of bolts of 13 mm in diameter and larger:  or GMG; 8
- Additional informations – label: ; product name; product code No (size); WLL...T; quantity; order No; manufacturer's data and website address.