

Technical sheet No 156GM/KAR

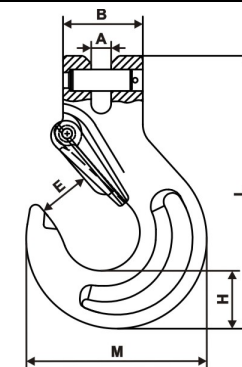
1. Issuer name: **GÓRALMET Sp. z o.o.**

Issuer address: **ul. Krakowska 68, 32-860 Czychów, tel/fax 014 6635260**

2. Product name: **GM-HH8 Clevis lifting hook 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	M	H	L	Pin [Ø mm]							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	6	7,7	31,5	18,5	67	21	104,5	7,8	0,270	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	8	9,5	37	25	89	26,5	131,5	10,3	0,503	2	49	78,5			8
3	10	12	48	30	107	34,5	161	13	1,069	3,15	77,2	124			10
4	13	15,5	56,5	39	128,5	41	195	16,5	1,776	5,3	130	208			13

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: GM-HH8
- Traceability code: a four-digit number by formula - YYMM (YY = year of production, MM = month of production)
- Markings: manufacturer's symbol – GMG; ; manufacturer and product identification code; traceability code; product code No; class No – 8; WLL....T
- Marking of pins of 13 mm in diameter and larger: GMG; 8
- Additional informations – label: ; product name; product code No (size); WLL...T; quantity; order No; manufacturer's data and website address.