Swivel hoist ring



Catalogue design · 20CrNiMo steel + Al; 35CrMo bolt

Reference configuration: Carcano A837. No-reduction range adopted here: −40 / +200 °C. Grade 80.

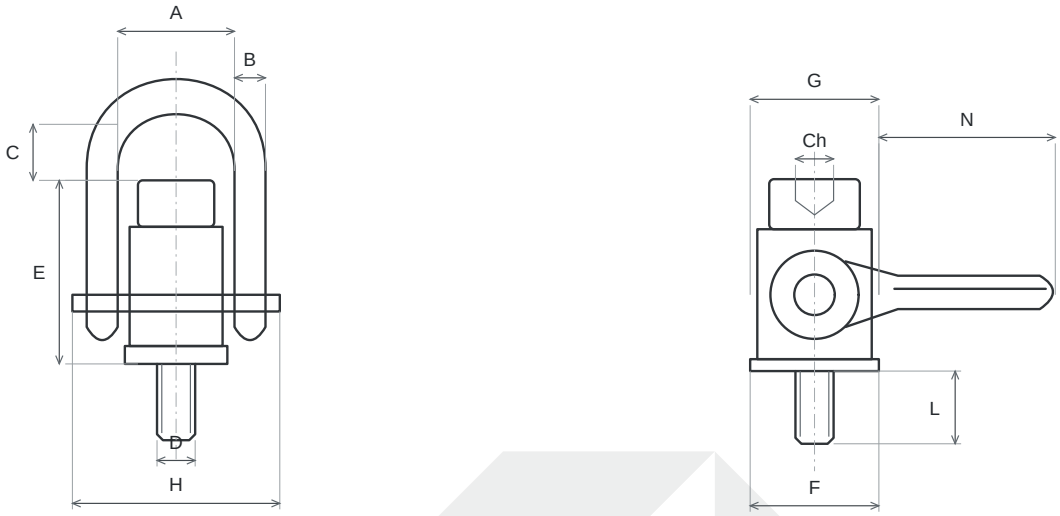
Variants and dimensions (mm)

Thread size (D)	A	B	C	D	E	F
M8	36.0	12.0	50.0	8.0	35.0	34.0
M10	36.0	12.0	48.0	10.0	37.0	34.0
M12	36.0	12.0	46.0	12.0	39.0	34.0
M14	36.0	12.0	44.0	14.0	41.0	34.0
M16	36.0	12.0	42.0	16.0	43.0	34.0

Thread size (D)	G	H	L	N	Ch
M8	38.0	68.0	18.0	53.0	6.0
M10	38.0	68.0	18.0	53.0	8.0
M12	38.0	68.0	23.0	53.0	10.0
M14	38.0	68.0	23.0	53.0	12.0
M16	38.0	68.0	28.0	53.0	14.0

Dimensions in mm. Ratings and operating conditions are in the dedicated section. Availability requires confirmation.

Technical drawings and key



A: Internal ring width.

B: Ring section diameter.

C: Clear height above the bolt head.

D: Nominal thread size.

E: Body height from seating face to top of bolt head.

F: Base diameter.

G: Body envelope in side view.

H: Overall width across the side pivots.

L: Threaded shank length.

N: Projection of the lowered ring beyond the body.

Ch: Bolt hex socket size.

Illustrative drawings, not to scale. Letters refer to table dimensions.

Load conditions

One lifting point: 0° along the thread axis; 90° perpendicular to the axis, with the ring aligned with the load.

Variant	W.L.L. 0° (kg)	W.L.L. 90° (kg)	Max torque (Nm)	Weight (kg)
M8	400	400	6,5	0.46
M10	700	700	13	0.47
M12	1000	1000	22	0.48
M14	1300	1300	35	0.5
M16	1600	1600	55	0.53

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Single-point ratings at 0° and 90°, with the ring aligned with the load. Not suitable for rotation under load. Consult the manufacturer above +200 °C.

Data apply to the identified reference configuration, not to every product of the same size. Confirm supply identity, markings and documentation before use. Qualified personnel must install and inspect the device, with the base fully seated and fixing appropriate to the structure. Check condition and markings before each use and observe the instruction inspection intervals and limits. Not for lifting people. This selection sheet does not replace the manufacturer instructions.