Swivel lifting point



Catalogue design · Steel

Reference configuration: Carcano C811X. No-reduction range adopted here: −20 / +200 °C. Grade 100.

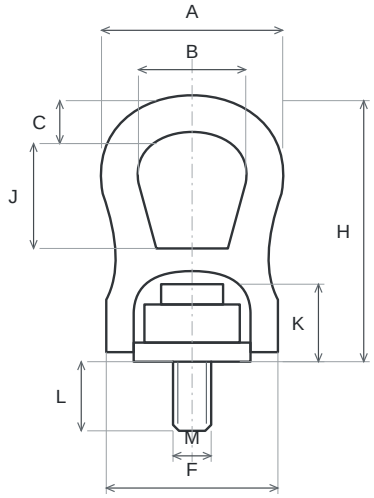
Variants and dimensions (mm)

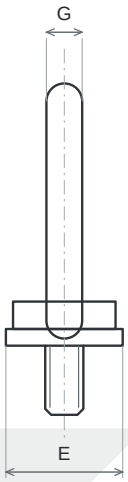
Thread size (M)	A	B	C	E	F	G
M8	56.0	28.0	14.0	30.0	55.0	11.0
M10	56.0	28.0	14.0	30.0	55.0	11.0
M12	56.0	28.0	14.0	30.0	55.0	11.0
M14	74.5	38.0	18.0	47.0	78.0	17.0
M16	74.5	38.0	18.0	47.0	78.0	17.0
M18	74.5	38.0	18.0	47.0	78.0	17.0
M20	74.5	38.0	18.0	47.0	78.0	17.0

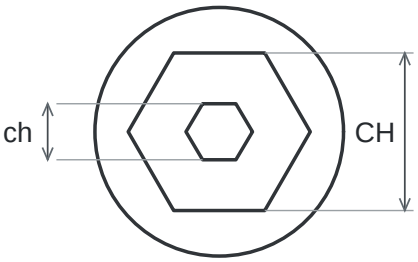
Thread size (M)	H	J	K	L	CH	ch
M8	99.0	40.0	33.5	12.0	13.0	5.0
M10	99.0	40.0	34.5	15.0	17.0	6.0
M12	99.0	40.0	35.5	18.0	19.0	7.0
M14	135.5	55.0	46.0	21.0	22.0	7.0
M16	135.5	55.0	46.5	25.0	24.0	10.0
M18	135.5	55.0	47.0	27.0	27.0	10.0
M20	135.5	55.0	48.0	30.0	30.0	12.0

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

Technical drawings and key







A: External head width.

B: Internal eye width.

C: Top section thickness in front view.

E: Body width in side view.

F: Body width in front view.

G: Head thickness in side view.

H: Height above seating face.

J: Internal eye height.

K: Height from seating face to top of bolt.

L: Threaded shank length.

CH: Bolt head width across flats.

ch: Bolt hex socket size.

M: Nominal thread 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	500	300	10	0.37
M10	1000	600	15	0.37
M12	1300	1000	25	0.37
M14	2000	1300	30	1.3
M16	2500	1600	60	1.3
M18	3000	2000	100	1.3
M20	3500	2500	120	1.3

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Not suitable for rotation under load. Above +200 up to +250 °C reduce by 20%; above +250 up to +350 °C by 25%. The source gives two lower limits (−40 and −20 °C): obtain written clarification for the variant below −20 °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.