

Swivel lifting ring



Catalogue design · Steel

Reference configuration: Carcano C800X. No-reduction range adopted here: -40 / +200 °C. Grade 100.

Variants and dimensions (mm)

Thread size (D)	Thread length L	A	B	C	E	H	SW	D1
M8 · L 16.0 · lateral 300 kg	16.0	30.0	13.0	46.0	50.0	105.0	30.0	38.0
M8 · L 18.0 · lateral 300 kg	18.0	30.0	13.0	46.0	50.0	105.0	30.0	38.0
M10 · L 18.0 · lateral 500 kg	18.0	30.0	13.0	46.0	50.0	105.0	30.0	38.0
M12 · L 18.0 · lateral 700 kg	18.0	30.0	13.0	46.0	50.0	105.0	30.0	38.0
M14 · L 20.0 · lateral 1000 kg	20.0	30.0	13.0	46.0	50.0	105.0	30.0	38.0
M16 · L 20.0 · lateral 1400 kg	20.0	30.0	13.0	46.0	50.0	105.0	30.0	38.0
M20 · L 30.0 · lateral 1700 kg	30.0	30.0	13.0	46.0	50.0	105.0	30.0	38.0
M20 · L 30.0 · lateral 2500 kg	30.0	34.0	16.0	57.0	61.0	131.0	40.0	50.0

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: Internal height from the top of the eye to the pivot axis.

E: Pivot axis height above seating face.

H: Height from seating plane to inside crown of upright ring.

SW: Body width across flats.

D1: Base diameter.

D: Nominal thread size.

L: Threaded shank length.

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 · L 16.0 · lateral 300 kg	600	300	10	0.48
M8 · L 18.0 · lateral 300 kg	600	300	10	0.48
M10 · L 18.0 · lateral 500 kg	1000	500	10	0.48
M12 · L 18.0 · lateral 700 kg	1400	700	10	0.5
M14 · L 20.0 · lateral 1000 kg	2000	1000	25	0.53
M16 · L 20.0 · lateral 1400 kg	2800	1400	30	0.53
M20 · L 30.0 · lateral 1700 kg	3400	1700	70	0.53
M20 · L 30.0 · lateral 2500 kg	5000	2500	70	1.05

Reference configuration: Carcano C800X. No-reduction range adopted here: -40 / +200 °C. Grade 100.

The M20 variants rated laterally at 1.7 t and 2.5 t have different bodies: also compare H and D1. Not suitable for continuous rotation at full load. Above +200 up to +300 °C reduce by 10%; above +300 up to +400 °C by 25%; above +400 °C not permitted. Axial deviation up to ±5° requires a 10% reduction.

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.