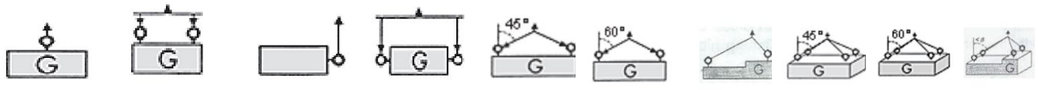
SLR344 - WELD ON D-RING

OPERATING INSTRUCTIONS

WORKING LOAD LIMIT W.L.L (t)



Code	0° 1 leg	0° 2 legs	90° 1 leg	90° 2 legs	0-45°	45-60° 2 legs	assim	0-45°	45-60° 3/4 legs	assim
SLR344-1T	1.12	2.24	1.12	2.24	1.57	1.12	1.12	2.35	1.68	1.12
SLR344-2T	2.00	4.00	2.00	4.00	2.80	2.00	2.00	4.20	3.00	2.00
SLR344-3T	3.15	6.30	3.15	6.30	4.41	3.15	3.15	6.62	4.73	3.15
SLR344-5T	5.30	10.60	5.30	10.60	7.42	5.30	5.30	11.13	7.95	5.30
SLR344-8T	8.00	16.00	8.00	16.00	11.20	8.00	8.00	16.80	12.00	8.00
SLR344-10T	10.00	20.00	10.00	20.00	14.00	10.00	10.00	21.00	15.00	10.00
SLR344-15T	15.00	30.00	15.00	30.00	21.00	15.00	15.00	31.50	22.50	15.00

SUPPORT WALL

- Check that the material is suitable for (common steel with carbon content max 0.40%) and request authorisation from the constructor as a guarantee.
- Check that there are no surface defects, cracks or roughness.
- Check that it is clean of residues of paint, oxide, lubricants etc.
- Check that it is sufficiently flat to guarantee that the plate to be welded is well positioned.
- Check that it is thick enough to guarantee a good support (see table).

WELDING

- The welding should be done by welders inscribed in the trade register (e.g. Italian welding institute).
- Make at least two superimposed beads of welding to guarantee correct penetration.
- Check that the thickness of the welding bead is adequate for the load to be applied; the welding bead must at least fill the space that is formed between the support wall and the bevelling at 45° of the place to be welded.
- Indications on the type of welding electrodes to be used:

ISO 2560	DIN 1913
E 515 B 110 26 H	E 51 53 B 10

- Avoid continual cooling of the welding.
- Before painting, carefully examine the integrity of the welding, using a special spray if necessary.

Minimum thickness of the support wall

Work Load Tonne	Code	Support Wall Minimum Thickness
1.12	SLR344-1T	6mm
2	SLR344-2T	8mm
3.15	SLR344-3T	10mm
5.3	SLR344-5T	12mm
8	SLR344-8T	14mm
10	SLR344-10T	16mm
15	SLR344-15T	18mm

- Make sure that the chosen fixing point is adequate for the load to be lifted.
- Always check the integrity of the welding in the fixing point; in case of anomalies, replace and do not repair.
- Position the load so that it is always perpendicular to the main axis of the ring of the fixing point.
- The connection devices must be used at a temperature between -20°C and +200°C, for higher temperatures, please contact us.

NOT PERMITTED

- **DO NOT** use the fixing points in acidic environments or places with a high concentration of chemical substances.
- Pay close attention to reduction factor and **DO NOT** exceed the maximum temperature range above.
- During use, **DO NOT** stand in dangerous areas (dangerous areas are those exposed to or at risk of falling of the load being moved by the device).
- **DO NOT** exceed the capacities specified in the Working Load Limit chart.
- **DO NOT** stop with load suspended during use.
- If changes, repairs and/or treatments are made to the product, the terms of the guarantee are no longer applicable and the manufacturer declines all liability.

STORAGE

- The device must be stored in a suitable environment (e.g. dry, non-corrosive, etc).