



## Quick Lift Double Swivel Ring QL DSR

### Product information

The QLR is a double swivel ring that allows particularly fast anchoring. At the push of a button, it can be fixed in the threaded hole in a matter of seconds. Its double swivel ensures a perfect alignment with the sling.

The QL.DSR saves up to 80 % of time compared to screwing in a conventional lifting ring. The system works purely mechanically and thus requires no complex maintenance.

The swivel lifting ring QL.DSR is made of gradup steel, which stands for a better quality of the used raw materials. It has higher lifting capacities than fixed rings and has a safety factor of 5, which means that its breaking load is five times greater than the capacity indicated in the technical data sheet.

Complies with the Machinery Directive 2006/42/CE

**Material:** gradup steel

**Marking:** According to standard, CE-marked, WLL , safety factor, individual traceability number (linked to Coditracer)

**Temperature range:** -20°C up to +200°C

**Standard:** EN 1677-1

*Except grade and safety factor*

**Safety factor:** 5:1

Part Code	WLL ton	Thread	Pitch mm	Torque Nm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	L1 mm	S2 mm	Weight kg	Delivery time
4215QLDSRM8	0.25	M 8	1.25	20	31	30	30	38	27	14	53	9.5	17.5	18	0.3	10
4215QLDSRM10	0.4	M 10	1.5	30	31	30	30	38	27	14	53	9.5	19.5	18	0.3	10
4215QLDSRM12	0.65	M 12	1.75	60	40	40	45	53	38	17	76	13	23	27	0.9	10
4215QLDSRM14	0.7	M 14	2	80	40	40	45	53	38	17	76	13	23	27	0.9	10
4215QLDSRM16	1.05	M 16	2	100	40	40	45	53	38	17	76	13	27	27	0.9	10
4215QLDSRM20	1.7	M 20	2.5	160	55	55	60	83	55	25	115	19	30	40	2.6	10
4215QLDSRM24	2.5	M 24	3	180	55	55	60	83	55	25	115	19	36	40	2.6	10

## Lifting table

5:1	METRIC THREADS		Torque (Nm)												
	Number of rings			1	2	1	2	2		3 → 4					
	Lifting angle $\beta$			0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric		
	Loading angle $\alpha$			0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°			
4:1	QL.DSR / SS.QL.DSR M 8		20	0,25	0,50	0,25	0,50	0,35	0,25	0,25	0,53	0,38	0,25		
	QL.DSR / SS.QL.DSR M 10		30	0,40	0,80	0,40	0,80	0,56	0,40	0,40	0,84	0,60	0,40		
	QL.DSR / SS.QL.DSR M 12		60	0,65	1,30	0,65	1,30	0,91	0,65	0,65	1,37	0,98	0,65		
	QL.DSR / SS.QL.DSR M 14		80	0,70	1,40	0,70	1,40	0,98	0,70	0,70	1,47	1,05	0,70		
	QL.DSR / SS.QL.DSR M 16		100	1,05	2,10	1,05	2,10	1,47	1,05	1,05	2,21	1,58	1,05		
	QL.DSR / SS.QL.DSR M 20		160	1,70	3,40	1,70	3,40	2,38	1,70	1,70	3,57	2,55	1,70		
	QL.DSR / SS.QL.DSR M 24		180	2,50	5,00	2,50	5,00	3,50	2,50	2,50	5,25	3,75	2,50		
	QL.DSR M 30		200	3,50	7,00	3,50	7,00	4,90	3,50	3,50	7,35	5,25	3,50		
	SS.QL.DSR M 30		200	3,50	7,00	3,50	7,00	4,90	3,50	3,50	7,35	5,25	3,50		

# Blueprint

