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

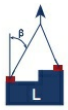
Part code	WLL ton	Thread mm	Pitch mm	Torque Nm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	L1 mm	S2 mm	M mm	Weight kg	Delivery time
4215QLDSRM8	0.25	M 8	1.25	20	31	30	30	38	27	14	53	9.5	17.5	18	M 8	0.3	5
4215QLDSRM10	0.4	M 10	1.5	30	31	30	30	38	27	14	53	9.5	19.5	18	M 10	0.3	5
4215QLDSRM12	0.65	M 12	1.75	60	40	40	45	53	38	17	76	13	23	27	M 12	0.9	5
4215QLDSRM14	0.7	M 14	2	80	40	40	45	53	38	17	76	13	23	27	M 14	0.9	5
4215QLDSRM16	1.05	M 16	2	100	40	40	45	53	38	17	76	13	27	27	M 16	0.9	5
4215QLDSRM20	1.7	M 20	2.5	160	55	55	60	83	55	25	115	19	30	40	M 20	2.6	5
4215QLDSRM24	2.5	M 24	3	180	55	55	60	83	55	25	115	19	36	40	M 24	2.6	5

Technical data

5:1

max. load in t

4:1

METRIC THREADS	Torque (Nm)										
Number of rings		1	2	1	2	2			3 → 4		
Lifting angle β		0°	0°	0°	0°	0° → 45°	45° → 60°	Asymmetric	0° → 45°	45° → 60°	Asymmetric
Loading angle α		0°	0°	90°	90°	0° → 45°	45° → 60°		0° → 45°	45° → 60°	
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