



## Swivel Hoist Ring 8-231

### Product information



- Rotates through 360° and pivot 180°, and simultaneously allows lifting from any direction.
- Manufactured from forged alloy steel, quenched and tempered.
- Load rated parts are 100% magnaflux crack detected.
- Individual forged parts and cap screw are traceable to Test Certification.
- Bolt are Metric thread (ASME / ANSI B18.3.1M).
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 1.5 times the WLL.
- All YOKE Lifting points meet or exceed all the requirements of ASME B30.26.
- Quick and simple assembly, just a tapped hole is required.

**Features:** Built-in RFID/NFC chip

**Material:** Forged alloy steel, quenched and tempered

**Marking:** According to standard, CE-marked, WLL, size, steel quality, manufacturer ID and traceability

**Temperature range:** -40° up to +200°C (without reduction in WLL).

**Finish:** Painted

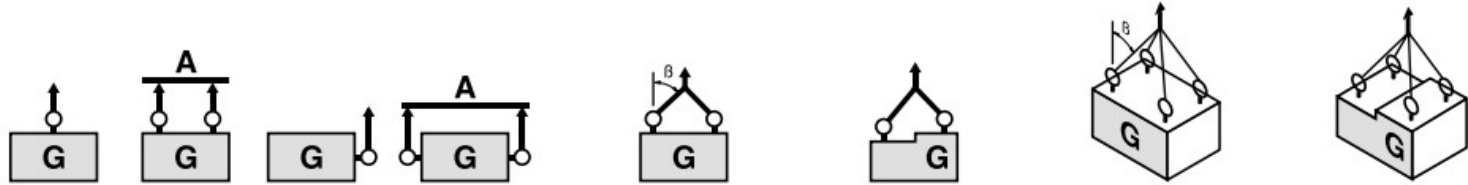
**Standard:** EN 1677-1

**Safety factor:** 4:1

Part Code	WLL ton	Thread mm	Torque Nm	Pitch DIN13	A mm	B mm	C mm	D mm	F mm	G mm	R mm	SW mm	I mm	E mm	M mm	Weight kg
42158231005	0.5	M 8	30	1,25	33	42	28	11	80	58	17	13	44	12	M 8	0.3
42158231007	0.7	M 10	60	1,5	33	41	29	11	80	58	17	17	44	15	M 10	0.3
42158231010	1	M 12	100	1,75	33	39	31	11	80	58	17	19	44	20	M 12	0.3
42158231015	1.5	M 14	120	2	50	56	45	17	116	90	27	22	63	21	M 14	0.9
42158231020	2	M 16	150	2	50	54	46	17	116	90	27	24	63	24	M 16	0.9
42158231025	2.5	M 18	200	2,5	65	77	57	20	155	108	34	30	86	26	M 18	1.9
42158231030	3	M 20	250	2,5	51	52	49	17	116	90	27	30	63	30	M 20	1
42158231050	5	M 24	400	3	72	81	59	25	163	126	37	36	88	36	M 24	2.6
42158231056	5.6	M 27	400	3	87	96	79	30	204	148	46	41	110	38	M 27	4.9
42158231078	7.8	M 30	500	3,5	87	94	81	30	204	148	46	46	110	48	M 30	5
42158231125	12.5	M 36	1,000	4	110	112	98	36	248	188	57	55	128	54	M 36	9.6
42158231156	15.6	M 42	1,500	4,5	110	101	108	36	248	188	57	65	128	63	M 42	10.9
42158231200	20	M 48	2,000	5	110	97	112	36	248	188	57	75	128	72	M 48	11.6
42158231220	22	M 56	2,100	5,5	123	116	121	36	274	202	64	85	146	84	M 56	15
42158231225	22.5	M 64	2,200	6	123	111	126	36	274	202	64	95	146	100	M 64	16.3

## Technical data

Kind of attachment



Number of legs		1	2	1	2	2	2	2	3-4	3-4	3-4
Load direction		0°	0°	90°	90°	0-45°	45°- 60°	unsymm.	0 - 45°	45°- 60°	unsymm.
Item No.	Thread	WLL(t)									
8-231-005	M 8	0.8	1.6	0.5	1.0	0.7	0.5	0.5	1.10	0.80	0.5
8-231-007	M 10	1.2	2.4	0.7	1.4	1.0	0.7	0.7	1.50	1.10	0.7
8-231-010	M 12	1.5	3.0	1.0	2.0	1.4	1.0	1.0	2.10	1.50	1.0
8-231-015	M 14	2.4	4.8	1.5	3.0	2.1	1.5	1.5	3.20	2.30	1.5
8-231-020	M 16	3.2	6.4	2.0	4.0	2.8	2.0	2.0	4.20	3.00	2.0
8-231-025	M 18	5.0	10.0	2.5	5.0	3.5	2.5	2.5	5.30	3.80	2.5
8-231-030	M 20	4.5	9.0	3.0	6.0	4.2	3.0	3.0	6.30	4.50	3.0
8-231-050	M 24	9.0	18.0	5.0	10.0	7.0	5.0	5.0	10.50	7.50	5.0
8-231-056	M 27	9.5	19.0	5.6	11.2	7.8	5.6	5.6	11.80	8.40	5.6
8-231-078	M 30	12.0	24.0	7.8	15.6	10.9	7.8	7.8	16.40	11.70	7.8
8-231-080	M36	13.0	26.0	8.0	16.0	11.2	8.0	8.0	16.80	12.00	8.0
8-231-100	M36	13.0	26.0	10.0	20.0	14.0	10.0	10.0	21.00	15.00	10.0
8-231-125	M 36	14.0	28.0	12.5	25.0	17.5	12.5	12.5	26.30	18.80	12.5
8-231-156	M 42	16.0	32.0	15.6	31.2	21.8	15.6	15.6	32.80	23.40	15.6
8-231-200	M 48	20.0	40.0	20.0	40.0	28.0	20.0	20.0	42.00	30.00	20.0
8-231-220	M 56	22.0	44.0	22.0	44.0	30.8	22.0	22.0	46.20	33.00	22.0
8-231-225	M 64	22.5	45.0	22.5	45.0	31.5	22.5	22.5	47.25	33.75	22.5

# Blueprint

