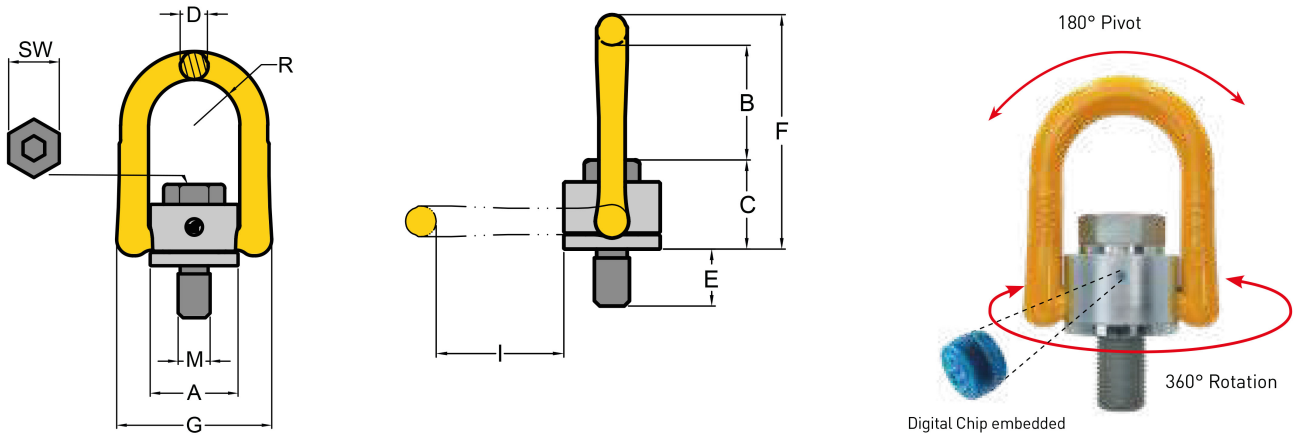


## Yoke Digital Swivel Hoist Ring - type 231 metric thread

- Rotates through 360° and pivots 180°, and simultaneously allows lifting from any direction.
- Manufactured from forged alloy steel, quenched and tempered and tested in accordance with EN1677-1.
- Load rated parts are 100% magnaflux crack detected & the individual forged parts & cap screw are traceable to Test Certification.
- Bolts are Metric thread.
- Proof tested to 2.5 times the WLL and Fatigue rated to 1.5 times the WLL.
- Fatigue rated to 20,000 cycles at 1.5 times the WLL.
- Design Factor 4 : 1
- All YOKE Lifting points meet or exceed all the requirements of ASME B30.26.
- Quick and simple assembly, just a tapped hole is required.



Part Code	WLL (t) 4 : 1	Thread M	Thread E	Thread Pitch DIN13	A mm	B mm	C mm	D mm	F mm	G mm	R mm	SW mm	I mm	Torque in Nm	Mass Kg
8-231-005	0.5	M8	12	1.25	33	42	28	11	80	58	17	13	44	30	0.2
8-231-007	0.7	M10	15	1.50	33	41	29	11	80	58	17	17	44	60	0.3
8-231-010	1.0	M12	20	1.75	33	39	31	11	80	58	17	19	44	100	0.3
8-231-015	1.5	M14	21	2.00	50	56	45	17	116	90	27	22	63	120	0.9
8-231-020	2.0	M16	24	2.00	50	54	46	17	116	90	27	24	63	150	0.9
8-231-025	2.5	M18	27	2.50	65	77	57	20	155	108	34	30	86	200	1.9
8-231-030	3.0	M20	34	2.50	51	52	49	17	116	90	27	30	63	250	1.1
8-231-050	5.0	M24	36	3.00	72	81	59	25	163	126	37	36	88	400	2.7
8-231-056	5.6	M27	38	3.00	87	96	79	30	204	148	46	41	110	400	4.7
8-231-078	7.8	M30	48	3.50	87	94	81	30	204	148	46	46	110	500	5.1
8-231-100	10.0	M36	54	4.00	87	90	85	30	204	148	46	55	110	1000	5.6
8-231-125	12.5	M36	56	4.00	110	112	98	36	248	188	57	55	128	1000	10.2
8-231-156	15.6	M42	63	4.50	110	101	108	36	248	188	57	65	128	1500	10.6
8-231-200	20.0	M48	72	5.00	110	97	112	36	248	188	57	75	128	2000	12.0









8-231-220	22.0	M56	84	5.50	123	116	121	36	274	202	64	85	146	2100	14.3
8-231-225	22.5	M64	100	6.00	123	111	126	36	274	202	64	95	146	2200	16.6

# USES

Swivel Hoist Ring uses can be as follows:

- New generation swivel hoist ring
- Lower profile and higher weight
- Suited for lifting objects with no obvious attachment points
- Mold and die handling
- Pump and valve handling

## SWIVEL HOIST RING TYPE 231 WORKING LOAD APPLICATION FACTORS

											
Number of legs		1	2	1	2	2		2	3-4		3-4
Load Direction		0°	0°	90°	90°	0-45°	45-60°	unsymm.	0-45°	45-60°	unsymm.
Part Code	Thread	WLL tonnes									
8-231-005	M8	0.8	1.6	0.5	1.0	0.7	0.5	0.5	1.10	0.80	0.5
8-231-007	M10	1.2	2.4	0.7	1.4	1.0	0.7	0.7	1.50	1.10	0.7
8-231-010	M12	2.0	4.0	1.0	2.0	1.4	1.0	1.0	2.10	1.50	1.0
8-231-015	M14	2.4	4.8	1.5	3.0	2.1	1.5	1.5	3.20	2.30	1.5
8-231-020	M16	3.2	6.4	2.0	4.0	2.8	2.0	2.0	4.20	3.00	2.0
8-231-025	M18	5.0	10.0	2.5	5.0	3.5	2.5	2.5	5.30	3.80	2.5
8-231-030	M20	4.5	9.0	3.0	6.0	4.2	3.0	3.0	6.30	4.50	3.0
8-231-050	M24	9.0	18.0	5.0	10.0	7.0	5.0	5.0	10.50	7.50	5.0
8-231-056	M27	9.5	19.0	5.6	11.2	7.8	5.6	5.6	11.80	8.40	5.6
8-231-078	M30	12.0	24.0	7.8	15.6	10.9	7.8	7.8	16.40	11.70	7.8
8-231-125	M36	14.0	28.0	12.5	25.0	17.5	12.5	12.5	26.30	18.80	12.5
8-231-156	M42	16.0	32.0	15.6	31.2	21.8	15.6	15.6	32.80	23.40	15.6
8-231-200	M48	20.0	40.0	20.0	40.0	28.0	20.0	20.0	42.00	30.00	20.0
8-231-220	M56	22.0	44.0	22.0	44.0	30.8	22.0	22.0	46.20	33.00	22.0
8-231-225	M64	22.5	45.0	22.5	45.0	31.5	22.5	22.5	47.25	33.75	22.5

Click here to view video of Yoke Load Attachment Products

<http://www.yoke.net/video/en.asp>