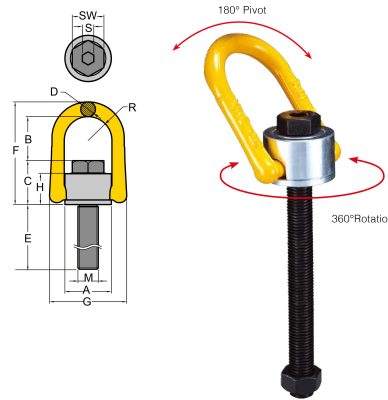


## Yoke Digital Swivel Hoist Ring Long Bolt - type 231 metric thread









- Rotates through 360° and pivots 180°, and simultaneously allows lifting from any direction.
- Manufactured from forged alloy steel, quenched and tempered.
- Manufactured and tested in accordance with EN1677-1.
- Load rated parts are 100% magnaflux crack detected.
- Individual forged parts and cap screw are traceable to Test Certification.
- Bolts are Metric thread (ASME / ANSI B18.3.1M).
- Proof tested to 2.5 times the WLL.
- Fatigue rated to 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.



## DIMENSIONAL SPECIFICATIONS

Part Code	WLL t	Thread M	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	R mm	S mm	SW mm	Torque in Nm	Mass Kg
8-231-005/105L	0.5	M8 x 1.25	33	42	28	11	83	80	58	23	17	6	13	30	0.3
8-231-007/125L	0.7	M10 x 1.50	33	41	29	11	103	80	58	23	17	6	17	60	0.4
8-231-010/150L	1.0	M12 x 1.75	33	40	31	11	128	80	58	23	17	8	19	100	0.4
8-231-020/185L	2.0	M16 x 2.0	50	54	46	17	149	117	90	36	27	10	24	150	1.1
8-231-030/230L	3.0	M20 x 2.50	50	52	49	17	194	117	90	36	27	12	30	250	1.4
8-231-050/265L	5.0	M24 x 3.00	72	81	59	25	221	163	125	44	37	14	36	400	3.2
8-231-078/340L	7.8	M30 x 3.50	87	94	81	30	278	204	148	62	46	17	46	500	6.3
8-231-125/300L	12.5	M36 x 4.00	110	112	98	36	225	247	188	75	57	22	55	1000	10.9
8-231-156/350L	15.6	M42 x 4.50	110	101	108	36	268	247	188	83	57	24	65	1500	13.9
8-231-200/385L	20.0	M48 x 5.00	110	97	113	36	303	248	188	83	57	27	75	2000	14.7

# SWIVEL HOIST RING LONG BOLT - 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									
8-231-005/105L	M8	0.8	1.6	0.5	1.0	0.7	0.5	0.5	1.1	0.8	0.5
8-231-007/125L	M10	1.2	2.4	0.7	1.4	1.0	0.7	0.7	1.5	1.1	0.7
8-231-010/150L	M12	1.5	3.0	1.0	2.0	1.4	1.0	1.0	2.1	1.5	1.0
8-231-020/185L	M16	3.2	6.4	2.0	4.0	2.8	2.0	2.0	4.2	3.0	2.0
8-231-030/230L	M20	4.5	9.0	3.0	6.0	4.2	3.0	3.0	6.3	4.5	3.0
8-231-050/265L	M24	9.0	18.0	5.0	10.0	7.0	5.0	5.0	10.5	7.5	5.0
8-231-078/340L	M30	12.0	24.0	7.8	15.6	10.9	7.8	7.8	16.4	11.7	7.8
8-231-125/300L	M36	14.0	28.0	12.5	25.0	17.5	12.5	12.5	26.3	18.8	12.5
8-231-156/350L	M42	16.0	32.0	15.6	31.2	21.8	15.6	15.6	32.8	23.4	15.6
8-231-200/385L	M48	20.0	40.0	20.0	40.0	28.0	20.0	20.0	42.0	30.0	20.0