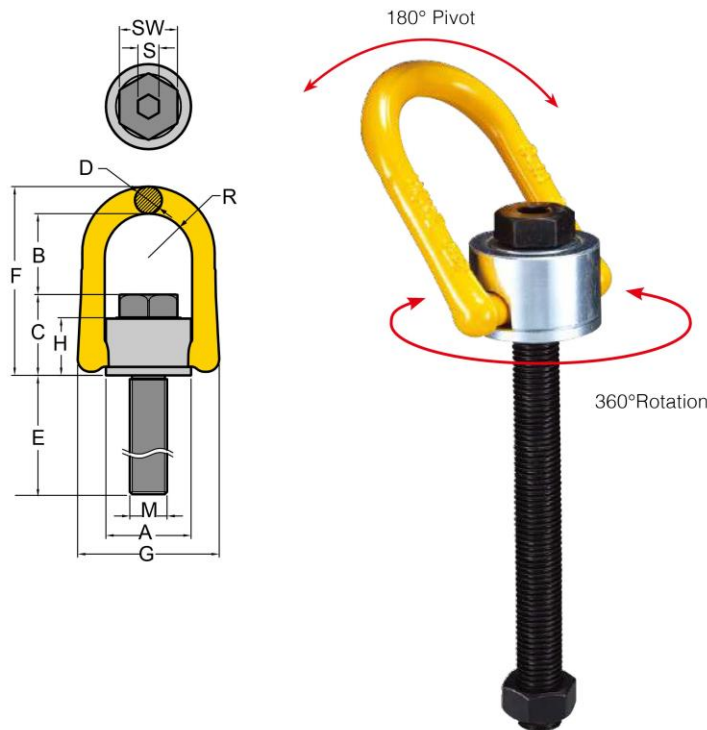


YOKE Type 231 Long Bolt Swivel Hoist Ring

- 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.



Part Code	WLL (t)	Thread		Pitch DIN13	A mm	B mm	C mm	D mm	F mm	G mm	H mm	R mm	S mm	SW mm	Torque in Nm
		M	E												
8-231-005	0.5	M8	83	1.25	33	42	28	11	80	58	23	17	6	13	30
8-231-007	0.7	M10	103	1.5	33	41	29	11	80	58	23	17	6	17	60
8-231-010	1.0	M12	128	1.75	33	40	31	11	80	58	23	17	8	19	100
8-231-020	2.0	M16	149	2	50	54	46	17	117	90	36	27	10	24	150
8-231-030	3.0	M20	194	2.5	50	52	49	17	117	90	36	27	12	30	250
8-231-050	5.0	M24	221	3	72	82	59	25	163	125	44	37	14	36	400
8-231-078	7.8	M30	278	3.5	87	94	81	30	204	148	62	46	17	46	500
8-231-125	12.5	M36	225	4	110	112	98	36	247	188	75	57	22	55	1000
8-231-156	15.6	M42	268	4.5	110	101	108	36	247	188	83	57	24	65	1500

Swivel Hoist Ring Type 231 Working Load Application Factors



No. of Legs		1	2	1	2	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.	0.5	0.5	1.1	0.8	0.5
8-231-007	M10	1.2	2.4	0.7	1.4	1	0.7	0.7	1.5	1.1	0.7
8-231-010	M12	2	4	1	2	1.4	1	1	2.1	1.5	1
8-231-020	M16	3.2	6.4	2	4	2.8	2	2	4.2	3	2
8-231-030	M20	5.6	11.2	3	6	4.2	3	3	6.3	4.5	3
8-231-050	M24	9.2	18.4	5	10	7	5	5	10.5	7.5	5
8-231-078	M30	12	24	7.8	15.6	10.9	7.8	7.8	16.4	11.7	7.8
8-231-125	M36	14	28	12.5	25	17.5	12.5	12.5	26.3	18.8	12.5
8-231-156	M42	16	32	15.6	31.2	21.8	15.6	15.6	32.8	23.4	15.6