

## Lifting Eye RUD VWBG



### Product information

- Rotates 360°, pivots 230°
- Indicator markings to highlight wear and damage to load ring
- Oversized load rings
- Ball bearing

**Marking:** According to standard, CE-marked

**Temperature range:** -40°C up to +100°C

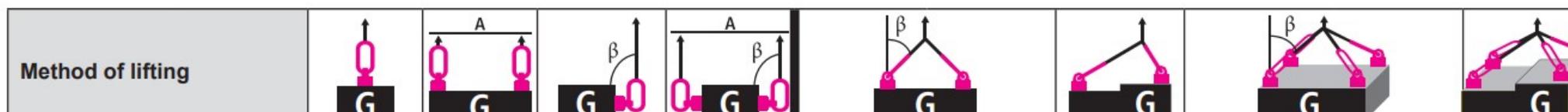
**Standard:** EN 1677-1, EN 1677-4

**Safety factor:** 4:1

**Grade:** 10

Part code	WLL	Thread mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	M mm	T mm	Weight
42157900100	35	M80	46	130	90	170	145	120	159	M80	338	30.94
42157903408	40	M90	46	168	110	170	145	135	159	M90	378	34.39

### Technical data



no. of strands		1	2	1	2	2	2	2	3 / 4*	3 / 4*	3 / 4*
inclination angle <math>\alpha</math>		0°-7°	0°-7°	90°	90°	0-45°	>45-60°	Un-symm.	0-45°	>45-60°	Un-symm.
Factor				1	2	1.4	1	1	2.1	1.5	1
Loading directions (Pic. 8)		Z	Z	X (Y)	X (Y)	X (Y)	X (Y)	X (Y)	X (Y)	X (Y)	X (Y)
Type	thread	For the max. total load weight >G< in metric tons, tightened and adjusted to force direction									
VWBG 6(7.5)	M33	15	30	6 (7.5)	12 (15)	8.4 (10.5)	6 (7.5)	6 (7.5)	12.6 (15.75)	9 (11.25)	6 (7.5)
VWBG 8(10)	M36 1 1/2"	15	30	8 (10)	16 (20)	11.2 (14)	8 (10)	8 (10)	17 (21.2)	11.8 (15)	8 (10)
VWBG 12(13)	M42 1 3/4" - 1 7/8"	17	34	12 (13)	24 (26)	16.8 (18.2)	12 (13)	12 (13)	25.2 (27.3)	18 (19.5)	12 (13)
VWBG 12(15)	M45	18	36	12 (15)	24 (30)	16.8 (21.2)	12 (15)	12 (15)	25.2 (31.5)	18 (22.4)	12 (15)
VWBG 13(16)	M48 2"	18	36	13 (16)	26 (32)	18.2 (22.4)	13 (16)	13 (16)	27.3 (33.6)	19.5 (24)	13 (16)
VWBG 14(20)	M52	25	50	14 (20)	28 (40)	19.6 (28)	14 (20)	14 (20)	29.4 (42)	21 (30)	14 (20)
VWBG 16(22)	M56 2 1/4" - 2 1/2"	28	56	16 (22)	32 (44)	22.4 (30.8)	16 (22)	16 (22)	33.6 (46.2)	24 (33)	16 (22)
VWBG 16(25)	M64 2 3/4" - 3"	28	56	16 (25)	32 (50)	22.4 (35)	16 (25)	16 (25)	33.6 (52.5)	24 (37.5)	16 (25)
VWBG 31.5(40)	M72 3"	50	100	31.5 (40)	63 (80)	45 (56)	31.5 (40)	31.5 (40)	67 (84)	47.5 (60)	31.5 (40)
VWBG 35(48)	M80 3 1/2"	50	100	35 (48)	70 (96)	49 (67.2)	35 (48)	35 (48)	73.5 (100.8)	52.5 (72)	35 (48)
VWBG 40(50)	M90 4" - 5"	50	100	40 (50)	80 (100)	56 (70)	40 (50)	40 (50)	84 (105)	60 (75)	40 (50)
At a lift with one strand and two parallel strands where the inclination angles are at the max. $\pm 7^\circ$ , the lifting method can be assumed as a vertical lift.						When lifting with two, three or four leg lifting means, inclination angles of less than $15^\circ$ shall be avoided, if possible (Risk of instability).					

## Blueprint

