

## Lifting Eye RUD VWBG, UNC thread



### Product information

- Rotating 360°, pivoting 230°
- Optical markings for easy determination for withdraw from service
- Ball bearing


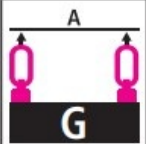
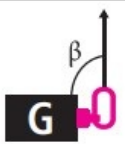
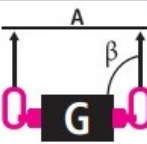
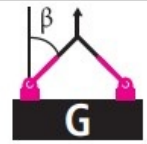
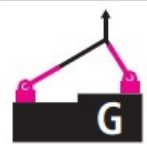
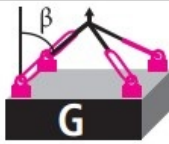
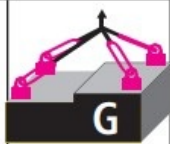
**Temperature range:** -40°C up to +200°C

**Note:** Not suitable for permanent swiveling when under full load.

**Safety factor:** 4:1

Part code	WLL ton	Thread Inch	A mm	B mm	C mm	D mm	E mm	F mm	G mm	M mm	T mm	Weight kg
42158600454	16	2 1/2 -4	32	119	70	120	95	95	120	63.5	274	11
42158600456	31.5	3-4	46	130	90	170	145	114	159	76.2	338	26.34

### Technical data

Method of lifting											
no. of strands	1	2	1	2	2	2	2	3 / 4*	3 / 4*	3 / 4*	
inclination angle <math>\beta</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 methode 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

