



Lifting Eye Pewag PLBW

Product information

Screwable, 360° rotatable lifting point. The load ring is 180° movable and can be positioned at any required angle due to its replaceable and patented spring. Likewise interchangeable is the hexagon-special screw of grade 10.9 material, which is secured against loss.

The screw is 100% crack-tested as well as covered with a chromate VI-free protection against corrosion. It can be tightened with a hexagon wrench or spanner wrench.

Pewag winner profilift beta is available with metric or UNC-thread, whereas the lifting points with metric thread are also obtainable with customized thread lengths.

Permissible usage

Load capacity acc. to the inspection certificate respectively table of WLL in the mentioned directions of pull – see picture 1 and 2.

Non permissible usage

Make sure when choosing the assembly that improper load can not arise e.g. if:

- The direction of pull is obstructed.
- Direction of pull is not in the foreseen area (see picture 3).
- Loading ring rests against edges or load (picture 4).

The load ring must be placed in the direction of pull before loading – do not turn under load.

To calculate the necessary thread length (L):

$$L = H + S + K + X$$

H = Material height

S = Thickness of the washer

K = Height of the nut (depending on the thread size of the screw)

X = Excess length of the screw (twofold pitch of the screw)

L max. = n max.

pewag provides, along with the standard and maximum thread lengths, specially customised thread lengths. Supplied customised and maximum thread lengths include a washer and a crack-tested, corrosion-proofed screw nut.

Material: Alloy steel

Marking: According to standard, CE-marked, WLL, thread size and an individual serial number.

Standard: EN 1677-1
except grade/WLL

Safety factor: 5:1

Number of legs			1	1	2	2	2	2	3+4	3+4	2	3+4		
			0°	90°	0°	90°	0°-45°	45°-60°	0°-45°	45°-60°	asymm.	asymm.		
Code	Thread	Fastening torque	Load capacity											
	mm	Nm	tons	mm	mm									
PLBW 0,3 t	M8	6	0,5	0,3	1	0,6	0,4	0,3	0,6	4,5	0,3	0,3	8	15
PLBW 0,6 t	M10	10	1	0,6	2	1,2	0,8	0,6	1,3	9	0,6	0,6	8	15
PLBW 1 t	M12	15	1,3	1	2,6	2	1,4	1	2,1	1,5	1	1	8	15
PLBW 1,3 t	M14	30	2	1,3	4	2,6	1,8	1,3	2,7	1,9	1,3	1,3	10	24
PLBW 1,6 t	M16	50	2,5	1,6	5	3,2	2,2	1,6	3,4	2,4	1,6	1,6	10	24
PLBW 2 t	M18	70	3	2	6	4	2,8	2	4,2	3	2	2	10	24
PLBW 2,5 t	M20	100	3,5	2,5	7	5	3,5	2,5	5,3	3,7	2,5	2,5	10	24
PLBW 3 t	M22	120	4,5	3	9	6	4,2	3	6,3	4,5	3	3	14	30
PLBW 4 t	M24	160	5,5	4	11	8	5,6	4	8,4	6	4	4	14	30
PLBW 5 t	M27	200	6,5	5	13	10	7	5	10,5	7,5	5	5	14	30
PLBW 6,3 t	M30	250	7	6,3	14	12,6	8,8	6,3	13,2	9,4	6,3	6,3	14	30
PLBW 8 t	M33	270	9	8	18	16	11	8	16,5	12	8	8	19	50
PLBW 10 T	M36	320	11	10	22	20	14	10	21	15	10	10	19	50
PLBW	M42	400	13,5	12,5	27	25	17,5	12,5	26,2	18,7	13,5	13,5	19	50

12,5 T	M42	400	13,5	12,5	27	25	17,5	12,5	20,5	18,7	12,5	12,5	19	5:
PLBW 15 T	M48													

Blueprint

