



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, WLL, thread size and an individual serial number.

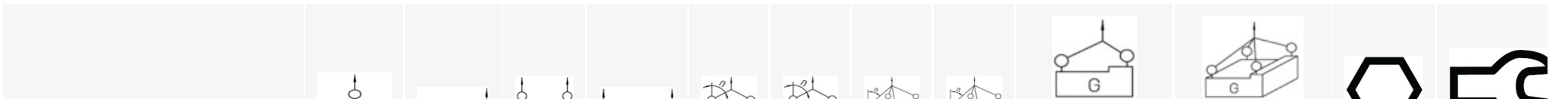
Standard: EN 1677-1

except grade/WLL

Safety factor: 5:1

Part Code	Code	WLL ton	Thread	a mm	b mm	c mm	e mm	f mm	g mm	h mm	n mm	n max mm	Weight kg	Delivery time
421514229	PLBW 0,3 t	0.3	M8	29	56	30	38	18	27	94	13	80	0.32	10
421514230	PLBW 0,6 t	0.6	M10	29	56	30	38	18	27	94	15	100	0.33	10
421514236	PLBW 1 t	1	M12	29	56	30	38	18	27	94	17	180	0.34	10
421514231	PLBW 1,3 t	1.3	M14	43	79	45	55	25	38	138	22	220	1.03	5
421514232	PLBW 1,6 t	1.6	M16	43	79	45	55	25	38	138	24	260	1.04	10
421514237	PLBW 2 t	2	M18	43	79	45	55	25	38	138	27	295	1.07	10
421514188	PLBW 2,5 t	2.5	M20	43	79	45	55	25	38	138	30	335	1.08	10
421514238	PLBW 3 t	3	M22	64	118	68	85	38	58	209	33	355	3.5	10
421514239	PLBW 4 t	4	M24	64	118	68	85	38	58	209	36	355	3.53	5
421514240	PLBW 5 t	5	M27	64	118	68	85	38	58	209	40	355	3.58	10
421514241	PLBW 6,3 t	6.3	M30	64	118	68	85	38	58	209	45	355	3.66	10
421514242	PLBW 8 t	8	M33	106	188	108	132	60	91	331	54	328	14.5	10
421514233	PLBW 10 t	10	M36	106	188	108	132	60	91	331	59	328	14.6	10
421514234	PLBW 12,5 t	12.5	M42	106	188	108	132	60	91	331	69	328	14.9	10
421514235	PLBW 15 t	15	M48	106	188	108	132	60	91	331	74	328	15.2	10

Technical data



Method of lifting														
Number of legs			1	1	2	2	2	2	3+4	3+4	2	3+4		
Angle of inclination			0°	90°	0°	90°	0°-45°	45°-60°	0°-45°	45°-60°	asymm.	asymm.		
Code	Thread	Fastening torque	Load capacity										mm	mm
			tons											
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	36
PLBW 4 t	M24	160	5,5	4	11	8	5,6	4	8,4	6	4	4	14	36
PLBW 5 t	M27	200	6,5	5	13	10	7	5	10,5	7,5	5	5	14	36
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	36

PLBW 8 t	M33	270	9	8	18	16	11	8	16,5	12	8	8	19	55
PLBW 10 T	M36	320	11	10	22	20	14	10	21	15	10	10	19	55
PLBW 12,5 T	M42	400	13,5	12,5	27	25	17,5	12,5	26,3	18,7	12,5	12,5	19	55
PLBW 15 T	M48	600	16	15	32	30	21	15	32	22,5	15	15	19	55

Blueprint

