



Lifting Eye Pewag PLDW

Product information

Ball-bearing 360° under load rotatable lifting point. High resistant lifting eye 180° movable. The special screws are 100% crack-tested as well as protected against corrosion. The table with the load capacities depending on the method of lifting as lifting gear, number of legs and angle of inclination is a part of the user manual and packed together with each lifting point.

Permissible usage

Load capacity acc. to the inspection certificate respectively table of WLL in the mentioned directions of pull (see picture 1).

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 2)
- Loading ring rests against edges or 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.

Material: Alloy steel

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

Standard: EN 1677-1

except grade/WLL

Note: Also available in special length (SL) and maximum length (MAXL) as well.

Safety factor: 4:1

PLDW													
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	Nm	tons										
PLDW M8	M8	10	0,6	0,3	1,2	0,6	0,4	0,3	0,6	0,4	0,3	0,3	34
PLDW M10	M10	10	1	0,5	2	1	0,7	0,5	1	0,75	0,5	0,5	34
PLDW M12	M12	15	1,4	0,7	2,8	1,4	0,95	0,7	1,4	1	0,7	0,7	34
PLDW M14	M14	25	2	1	4	2	1,4	1	2,1	1,5	1	1	34
PLDW M16	M16	30	2,8	1,5	5,6	3	2,1	1,5	3,1	2,1	1,5	1,5	34
PLDW M20	M20	80	5	2,5	10	5	3,5	2,5	5,3	3,5	2,5	2,5	46
PLDW M24	M24	150	7	4	14	8	5,5	4	8,4	6	4	4	50
PLDW M30	M30	230	10	6,7	20	13,4	9,4	6,7	14,2	10	6,7	6,7	60
PLDW M36	M36	450	12,5	8	25	16	11,2	8	16,8	12	8	8	75
PLDW M42	M42	600	16	10	32	20	14	10	21	15	10	10	75
PLDW M45	M45	600	16	12	32	24							

Blueprint

