

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.

... [Read more](#)

Material: Alloy steel

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

Standard: EN 1677-1

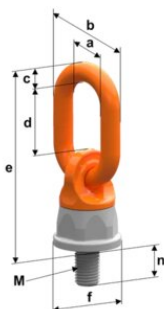
except grade/WLL

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

Safety factor: 4:1

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Blueprint



Technical data

| Part code | Code | WLL ton | Thread | a mm | b mm mm | c mm | d mm mm | e mm mm | f mm mm | n mm mm | n max mm mm | Weight kg |
|-------------|------------------|---------|--------|------|---------|------|---------|---------|---------|---------|-------------|-----------|
| 42154021488 | PLDW 0,3 t | 0.3 | M8 | 30 | 56 | 13 | 38 | 110 | 38 | 20 | 100 | 0.44 |
| 42154021489 | PLDW 0,5 t | 0.5 | M10 | 30 | 56 | 13 | 38 | 110 | 38 | 20 | 180 | 0.45 |
| 42154021490 | PLDW 0,7 t | 0.7 | M12 | 35 | 61 | 13 | 48 | 115 | 38 | 22 | 200 | 0.48 |
| 42154021491 | PLDW 1 t | 1 | M14 | 35 | 61 | 13 | 48 | 115 | 38 | 22 | 200 | 0.49 |
| 42154115728 | PLDW 1,5 t | 1.5 | M16 | 35 | 61 | 13 | 48 | 115 | 38 | 24 | 250 | 0.51 |
| 42154021493 | PLDW 2,5 t | 2.5 | M20 | 35 | 67 | 16 | 55 | 147 | 55 | 33 | 250 | 1.1 |
| 42154021494 | PLDW 4 t | 4 | M24 | 40 | 74 | 17 | 66 | 165 | 63 | 40 | 300 | 1.5 |
| 42154091358 | PLDW 5,3 t | 5.3 | M30 | 40 | 74 | 17 | 66 | 165 | 63 | 35 | 300 | 1.5 |
| 42154021496 | PLDW 8 t | 8 | M36 | 50 | 96 | 23 | 91 | 233 | 92 | 55 | 300 | 4.3 |
| 42154021497 | PLDW 10 t | 10 | M42 | 65 | 119 | 27 | 91 | 237 | 92 | 60 | 300 | 5.1 |
| 42154009325 | PLDW 12 t | 12 | M45 | 65 | 119 | 27 | 91 | 237 | 92 | 68 | 300 | 5.2 |
| 42154009326 | PLDW 24 t | 24 | M56 | 70 | 136 | 33 | 105 | 292 | 110 | 84 | 300 | 10.2 |
| 42154009327 | PLDW 25 t | 25 | M64 | 70 | 136 | 33 | 105 | 292 | 110 | 96 | 300 | 11 |
| 42154025024 | PLDW 40 t | 40 | M72 | 90 | 180 | 45 | 130 | 386 | 170 | 110 | 500 | 29 |
| 42154025030 | PLDW 45 t | 45 | M80 | 90 | 180 | 45 | 130 | 386 | 170 | 120 | 500 | 30 |
| 42154085255 | PLDW 55 t - M90 | 55 | M90 | 90 | 180 | 45 | 130 | 386 | 170 | 135 | 500 | 32 |
| 42154085257 | PLDW 55 t - M100 | 55 | M100 | 90 | 180 | 45 | 130 | 386 | 170 | 150 | 500 | 35 |