



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

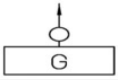
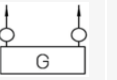
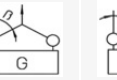
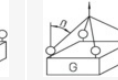
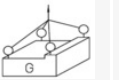
except grade/WLL

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

Safety factor: 4:1

Part Code	Code	WLL ton	Thread	a mm	b mm	c mm	d mm	e mm	n mm	n max mm	Weight kg	Delivery time
421591742	PLDW M8	0.3	M8	30	38	54	13	38	20	100	0.47	7
421591743	PLDW M10	0.5	M10	30	38	54	13	38	20	180	0.47	7
421591744	PLDW M12	0.7	M12	35	48	54	13	38	22	200	0.47	2
421591745	PLDW M14	1	M14	35	48	54	13	38	22	200	0.47	7
421591746	PLDW M16	1.5	M16	35	48	54	13	38	33	250	0.49	7
421591747	PLDW M20	2.5	M20	35	55	75	16	55	33	250	1.1	7
421591748	PLDW M24	4	M24	40	66	82	17	63	40	300	1.5	7
421526827	PLDW M30	6.7	M30	50	70	92	23	72	40	300	2.6	7
421591750	PLDW M36	8	M36	50	91	120	23	92	55	300	4.3	7
421591751	PLDW M42	10	M42	65	91	120	27	92	60	300	5.1	7
421532166	PLDW M45	12	M45	65	91	120	27	92	68	-	5.2	7
421591752	PLDW M48	13	M48	65	116	120	27	92	68	300	5.4	7
421532170	PLDW M56	24	M56	70	105	154	33	110	84	300	10.5	7
421532173	PLDW M64	25	M64	70	105	154	33	110	96	300	11.3	7
421574701	PLDW M72	40	M72	90	130	213	45	170	110	500	29	7
421574726	PLDW M80	45	M80	90	130	213	45	38	120	500	30	7
42153627	PLDW M90	55	M90	90	130	213	45	170	135	500	32	7
42153633	PLDW M100	55	M100	90	130	213	45	170	150	500	35	7

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	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

