

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

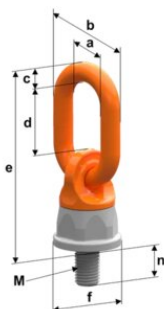
except grade/WLL

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	c mm	d mm	e mm	f mm	n mm	n max mm	Weight kg
11.4291742	PLDW 0,3 t	0.3	M8	30	56	13	38	110	38	20	100	0.44
11.4291743	PLDW 0,5 t	0.5	M10	30	56	13	38	110	38	20	180	0.45
11.4291744	PLDW 0,7 t	0.7	M12	35	61	13	48	115	38	22	200	0.48
11.4291745	PLDW 1 t	1	M14	35	61	13	48	115	38	22	200	0.49
11.4291746	PLDW 1,5 t	1.5	M16	35	61	13	48	115	38	33	250	0.51
11.4291747	PLDW 2,5 t	2.5	M20	35	67	16	55	147	55	33	250	1.1
11.4291748	PLDW 4 t	4	M24	40	74	17	66	165	63	40	300	1.5
11.4291749	PLDW 5,3 t	5.3	M30	40	74	17	66	165	63	35	300	1.5
11.4291750	PLDW 8 t	8	M36	50	96	23	91	233	92	55	300	4.3
11.4291751	PLDW 10 t	10	M42	65	119	27	91	237	92	60	300	5.1
11.42321166	PLDW 12 t	12	M45	65	119	27	91	237	92	68	300	5.2
42154093821	PLDW 13 t - M48	13	M48	65	119	27	116	262	92	68	300	5.4
11.4232170	PLDW 24 t	24	M56	70	136	33	105	292	110	84	300	10.2
11.4232173	PLDW 25 t	25	M64	70	136	33	105	292	110	96	300	11
11.4274701	PLDW 40 t	40	M72	90	180	45	130	386	170	110	500	29
11.4274726	PLDW 45 t	45	M80	90	180	45	130	386	170	120	500	30
11.4203633	PLDW 55 t - M100	55	M100	90	180	45	130	386	170	150	500	35
11.4203627	PLDW 55 t - M90	55	M90	90	180	45	130	386	170	135	500	32