MENNENS | Lifting Solutions Group
Axel Johnson International

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-mark, WLL, thread size and an individual serial number.
Standard: EN 1677-1
except grade/WLL
Note: Also available in special length (SL) and maximum lenght (MAXL) as well.

Safety factor: 4:1

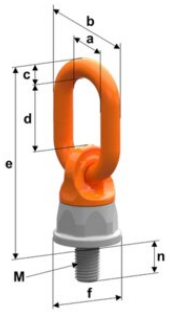
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Blueprint



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 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
42154093821	PLDW 13 t	13	M48	65	119	27	116	262	92	68	300	5.4
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	55	M90	90	180	45	130	386	170	135	500	32
42154085257	PLDW 55 t	55	M100	90	180	45	130	386	170	150	500	35

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