



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

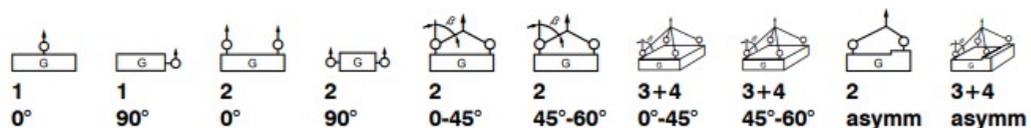
Note: Also available in special length (SL) and maximum length (MAXL) as well.

Safety factor: 4:1

Part code	Code	WLL ton	Thread	a mm	b mm	c mm	d mm	e mm	f mm	n mm	n max 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 - M48	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 - 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

Technical data

Lashing type
Number of legs
Angle of inclination



Code	Thread [mm]	Torque [Nm]	Working load limit [kg]									
PLDW 0,3 t	M8	10	600	300	1.200	600	400	300	600	400	300	300
PLDW 0,5 t	M10	10	1.200	500	2.400	1.000	700	500	1.000	750	500	500
PLDW 0,7 t	M12	15	1.800	700	3.600	1.400	950	700	1.400	1.000	700	700
PLDW 1 t *	M14	25	2.400	1.000	4.800	2.000	1.400	1.000	2.100	1.500	1.000	1.000
PLDW 1,5 t	M16	30	2.800	1.500	5.600	3.000	2.100	1.500	3.100	2.200	1.500	1.500
PLDW 2,5 t	M20	80	5.000	2.500	10.000	5.000	3.500	2.500	5.300	3.500	2.500	2.500
PLDW 4 t	M24	150	7.000	4.000	14.000	8.000	5.500	4.000	8.400	6.000	4.000	4.000
PLDW 5,3 t	M30	230	7.000	5.300	14.000	10.600	7.400	5.300	11.200	7.900	5.300	5.300
PLDW 6,7 t	M30	230	10.000	6.700	20.000	13.400	9.400	6.700	14.200	10.000	6.700	6.700
PLDW 8 t	M36	450	12.500	8.000	25.000	16.000	11.200	8.000	16.800	12.000	8.000	8.000
PLDW 10 t	M42	600	16.000	10.000	32.000	20.000	14.000	10.000	21.000	15.000	10.000	10.000
PLDW 12 t	M45	600	16.000	12.000	32.000	24.000	16.900	12.000	25.400	18.000	12.000	12.000
PLDW 13 t	M48	600	16.000	13.000	32.000	26.000	18.300	13.000	27.500	19.500	13.000	13.000
PLDW 13 t	M52	600	16.000	13.000	32.000	26.000	18.300	13.000	27.500	19.500	13.000	13.000
PLDW 24 t	M56	800	28.000	24.000	56.000	48.000	33.900	24.000	50.900	36.000	24.000	24.000
PLDW 25 t	M64	800	28.000	25.000	56.000	50.000	35.300	25.000	53.000	37.500	25.000	25.000
PLDW 40 t	M72	1.200	60.000	40.000	120.000	80.000	56.500	40.000	84.800	60.000	40.000	40.000
PLDW 45 t	M80	1.400	60.000	45.000	120.000	90.000	63.600	45.000	95.400	67.500	45.000	45.000
PLDW 55 t	M90	1.500	60.000	55.000	120.000	110.000	77.700	55.000	116.600	82.500	55.000	55.000
PLDW 55 t	M100	1.600	60.000	55.000	120.000	110.000	77.700	55.000	116.600	82.500	55.000	55.000

* Custom designs available upon request only

Blueprint

