Lifting Solutions Group
Axel Johnson International

Lifting Eye Pewag PLAW Alpha

Product information



360° rotatable lifting point. The load ring is loadable in a range of 130° and can be positioned at any required angle due to its replaceable and patented spring. Likewise interchangeable is the hexagon-special screw from grade 10.9 material, which is secured against loss. The screw is 100% crack detection tested as well as covered with a chromate VI-free protection against corrosion.

Pewag winner profilift alpha is able to withstand a 4-fold safety against break in all directions. It is avaliable with metric or UNC-thread, whereas the lifting points with metric thread is also obtainable with customized thread lengths.

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)
- Load ring rests against edges or loads (picture 3)

The load ring must be placed in the direction of pull before loading - do not turn under load. For more details please have a look into our user manual.

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

Pewag provides, along with the standard and maximum thread lengths ... *Read more*

Material: Alloy steel
Marking: According to standard, CE-mark, WLL, thread size and an individual serial number.
Finish: Painted.
Standard: EN 1677-1
except grade/WLL

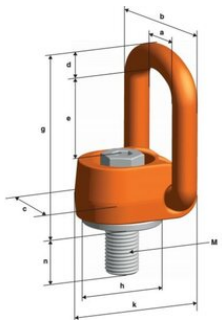
Safety factor: 4:1

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Blueprint



Technical data

Part code	Code	WLL ton	Thread	a mm	b mm	c mm	d mm	e mm	g mm	h mm	k mm	n mm	n max mm mm	M mm	Weight kg
42154014012	PLAW 0,3 t	0.3	M8	45	67	40	11	41	95	36	55	20	150	M8	0.57
42154014013	PLAW 0,63 t	0.63	M10	45	67	40	11	41	95	36	55	20	150	M10	0.58
42154092151	PLAW 1 t	1	M12	45	67	40	11	41	95	36	55	20	170	M12	0.6
42154092221	PLAW 1,5 t	1.5	M16	45	67	40	11	41	95	36	55	24	260	M16	0.62
42154014440	PLAW 2,5 t	2.5	M20	54	81	50	13	55	112	50	67	33	335	M20	1.1
42154002923	PLAW 4 t	4	M24	54	87	50	17	67	142	45	70	36	361	M24	1.6
42154090654	PLAW 6 t	6	M30	68	108	60	20	68	148	55	85	45	360	M30	3.1
42154009996	PLAW 7 t *	7	M36	75	115	67	20	65	143	60	100	55	374	M36	3.3
42154014615	PLAW 8 t	8	M36	93	147	85	27	87	188	85	120	55	365	M36	6.1
42154014627	PLAW 10 t	10	M42	93	147	85	27	87	188	85	120	65	365	M42	6.4
42154009995	PLAW 15 t	15	M42	115	181	105	33	108	246	106	150	63	340	M42	12
42154020904	PLAW 20 t	20	M48	115	181	105	33	108	246	106	150	73	340	M48	12.3

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