Lifting Solutions Group
Axel Johnson International

Lifting Eye Starpoint VRS-F with variable length

Product information



- 360° adjustable in force direction
- several times higher WLL than the DIN 580 eye bolt
- Easy-Fit-Key for easy assembly and disassembly

... *Read more*

Safety factor: 4:1

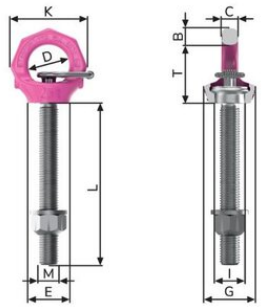
Certex Polska
info@certex.pl
+48 91 817 28 49

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Blueprint



Technical data

Part code	WLL	B mm	C mm	D mm	E mm	G mm	I mm	K mm	L mm	M mm	N mm	T mm
421100031110	0.3	11	9	25	25	30	16.3	47	12-70	M8	6	35
421100041110	0.4	11	9	25	25	30	16.3	47	16-70	M10	6	35
421100081110	0.75	13	10	30	30	34	19.8	56	18-150	M12	8	42
421100151110	1.5	15	13	35	36	40	23.5	65	35	M16	10	49
421100151115	1.5	15	13	35	36	40	23.5	65	120	M16	10	49
421100151116	1.5	15	13	35	36	40	23.5	65	24-120	M16	10	49
421100231110	2.3	17	16	40	41	50	29.3	76	120	M20	12	58
421100231115	2.3	17	16	40	41	50	29.3	76	160	M20	12	58
421100231116	2.3	17	16	40	41	50	29.3	76	30-160	M20	12	58
421100321110	3.2	20	19	49	51	60	35	92	36-140	M24	14	70
421100451110	4.5	26	24	60	66	75	44	114	45-190	M30	17	87

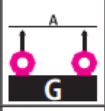
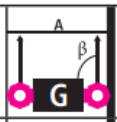
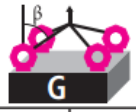
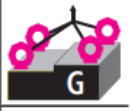
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Working load limit in metric tons

Method of lift											
Number of legs		1	1	2	2	2	2	2	3 / 4	3 / 4	3 / 4
Angle of inclination <ß		0°-7°	90°	0°-7°	90°	0-45°	>45-60°	Unsymm.	0-45°	>45-60°	Unsymm.
factor			1		2	1.4	1	1	2.1	1.5	1
Safety factor 4:1		for the max. total load weight >G< in metric tons, tightened and adjusted to force direction									
M6	1/4"-20UNC	0.5	**0.1**	1	0.2	0.14	0.1	0.1	0.21	0.15	0.1
M8 M8x1	5/16"-18UNC -	1	**0.3**	2	0.6	0.42	0.3	0.3	0.63	0.45	0.3
M10 M10x1	3/8"-16UNC 7/16"-14UNC	1	**0.4**	2	0.8	0.56	0.4	0.4	0.84	0.6	0.4
M12 M12x1,5 M14	1/2"-13UNC - -	2	**0.75**	4	1.5	1	0.75	0.75	1.57	1.12	0.75
M16 M16x1,5 M18	5/8"-11UNC - 3/4"-16UNF	4	**1.5**	8	3	2.1	1.5	1.5	3.15	2.25	1.5
M20 M20x2 M22	3/4"-10UNC - 7/8"-9UNC	6	**2.3**	12	4.6	3.22	2.3	2.3	4.83	3.45	2.3
M24 M24x2 M27	1"-8UNC 1 1/8"-8UN 1 1/8"-7UNC	8	**3.2**	16	6.4	4.5	3.2	3.2	6.7	4.8	3.2
M30 M30x2 M33	1 1/4"-8UN 1 1/4"-7UNC -	12	**4.5**	24	9	6.3	4.5	4.5	9.5	6.75	4.5
M36 M36x3	1 1/2"-8UN 1 1/2"-6UNC	16	**7**	32	14	9.8	7	7	14.7	10.5	7
M42	1 3/4"-5UNC	24	**9**	48	18	12.6	9	9	18.9	13.5	9
M48	2"-4,5UNC	32	**12**	64	24	16.8	12	12	25.2	18	12
M56	-	50	**16**	100	32	22.4	16	16	33.6	24	16
M64	-	60	**20**	120	40	28	20	20	42	30	20
Safety factor 4:1		for the max. total load weight >G< in lbs, tightened and adjusted to force direction									

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