Lifting Eye RUD VRS-F STARPOINT

Product information



Star shaped design can be adjusted to the direction of pull. Multi-directional threaded design, load rating up to six times the capacity of collared eye nuts. Higher load capacities than DIN 580-Eyebolts

UNC/UN Variants

... *Read more*

Material: Forged high tensile engineering steel, crack detected
Marking: According to standard, WLL
Finish: Striking fluorescent pink powder coating
Standard: EN 1677-1

Safety factor: 4:1

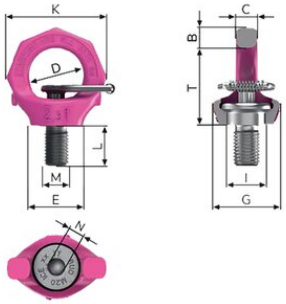
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Blueprint



Technical data

Part code	Code	WLL ton	Thread mm	B mm	C mm	D mm	E mm	G mm	I mm	K mm	L mm	N mm	T mm	M mm	Weight kg
46040185B	VRS-F	0.1	M6	9	7	20	23	28	13	37	9	6	28	M6	0.07
46040186B	VRS-F	0.3	M8	11	9	25	25	30	16.3	47	12	6	35	M8	0.12
46040187B	VRS-F	0.4	M10	11	9	25	25	30	16.3	47	15	6	35	M10	0.12
46040159B	VRS-F	0.75	M12	13	10	30	30	34	19.8	56	18	8	42	M12	0.21
46040188B	VRS-F	0.75	M14	13	10	30	30	34	19.8	56	18	8	42	M14	0.22
11.427101314	VRS-F	1.5	M16	15	13	35	36	40	23.5	65	24	10	49	M16	0.36
46040189B	VRS-F	1.5	M18	15	13	35	36	40	23.5	65	24	10	49	M18	0.39
46040119B	VRS-F	2.3	M20	17	16	40	41	50	29.3	76	30	12	58	M20	0.6
46040191B	VRS-F	3.2	M24	20	19	49	51	60	35	92	36	14	70	M24	1.05
46040192B	VRS-F	3.2	M27	20	19	49	51	60	35	92	36	14	70	M27	1.18
46040193B	VRS-F	4.5	M30	26	24	60	66	75	44	114	45	17	87	M30	2.08
46040195B	VRS-F	7	M36	32	29	73	76	98	53	135	54	22	104	M36	3.49
46040196B	VRS-F	9	M42	37	33	84	86	111	62	158	63	24	121	M42	5.4
46040197B	VRS-F	12	M48	42	42	94	100	128	70	180	72	27	138	M48	8.17

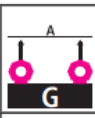
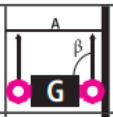
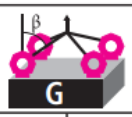
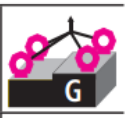
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Working load limit in metric tons

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	Safety factor 4:1	for the max. total load weight >G< in metric tons, tightened and adjusted to force direction									
Safety factor 4:1	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	Safety factor 4:1	for the max. total load weight >G< in lbs, tightened and adjusted to force direction									

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