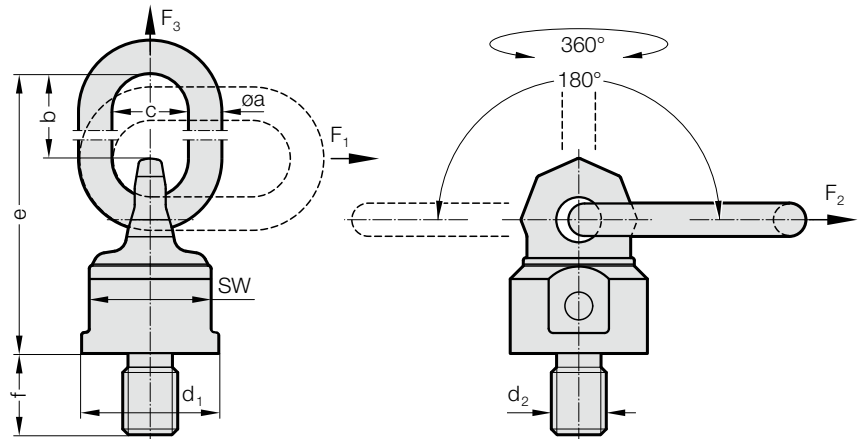


# ROTARY SAFETY EYEBOLT, HEAVY DUTY, WITH BALL BEARING



2131.21.



## Description:

For loads that are turned and rotated.  
 Mounted on ball-bearings – can be rotated through 360° under load ( $F_3$ ).  
 Cannot be rotated under full load at 90° to the threaded fixing ( $F_1$ ,  $F_2$ ).  
 Not suitable for extended rotational movement when fully loaded.  
 Can be loaded on all sides with a safety factor 4:1.

## Note:

Ensure that the bolting surface is flat. Thread must be screwed in completely.  
 The threaded connection on the transported load must be suitable for transferring forces.

## 2131.21. Rotary safety eyebolt, heavy duty, with ball bearing

Order No	Rated carrying capacity for $F_1$ [t]	$d_2$	f	a	b	c	$d_1$	e	SW
2131.21.036	8	M36	54	22	86	50	90	208	80
2131.21.042	12	M42	63	26	111	65	98	235	85
2131.21.045	12	M45	67	26	111	65	98	235	85
2131.21.048	13	M48	68	26	111	65	98	235	85
2131.21.056	16	M56	84	32	119	70	120	274	95
2131.21.064	16	M64	94	32	119	70	120	274	95
2131.21.090	40	M90	135	46	170	110	170	378	145

## Max. carried load "G" in tonnes for various types of attachment

Type of attachment/Arrangement of the suspension points	$F_3 \uparrow$ G	$F_1(F_2) \uparrow$ G	$\uparrow$ G	$\uparrow$ G	$\uparrow$ G	$\uparrow$ G	$\uparrow$ G	$\uparrow$ G	$\uparrow$ G		
Number of lines	1	1	2	2	2 symmetrical	2	3 and 4 symmetrical	3 and 4 asymmetrical	3 and 4 asymmetrical		
Angle of inclination/load direction	0-7°	90°	0-7°	90°	0-45°	45-60°	asymmetrical	0-45°	45-60°		
Order No.	Thread	carried load in tonnes									
2131.21.036	M36	15	8 (10)	30	16 (20)	11,2 (14)	8 (10)	8 (10)	16,8 (21)	12 (15)	8 (10)
2131.21.042	M42	17	12 (13)	34	24 (26)	16,8 (18,2)	12 (13)	12 (13)	25,2 (27,3)	18 (19,5)	12 (13)
2131.21.045	[M45]	18	12 (15)	36	24 (30)	16,8 (21)	12 (15)	12 (15)	25,2 (31,5)	18 (22,5)	12 (15)
2131.21.048	M48	18	13 (16)	36	26 (32)	18,2 (22,4)	13 (16)	13 (16)	27,3 (33,6)	19,5 (24)	13 (16)
2131.21.056	M56	28	16 (22)	56	32 (44)	22,4 (30,8)	16 (22)	16 (22)	33,6 (46,2)	24 (33)	16 (22)
2131.21.064	M64	28	16 (25)	56	32 (50)	22,4 (35)	16 (25)	16 (25)	33,6 (52,5)	24 (37,5)	16 (25)
2131.21.090	M90	50	40 (50)	100	80 (100)	56 (70)	40 (50)	40 (50)	84 (105)	60 (75)	40 (50)