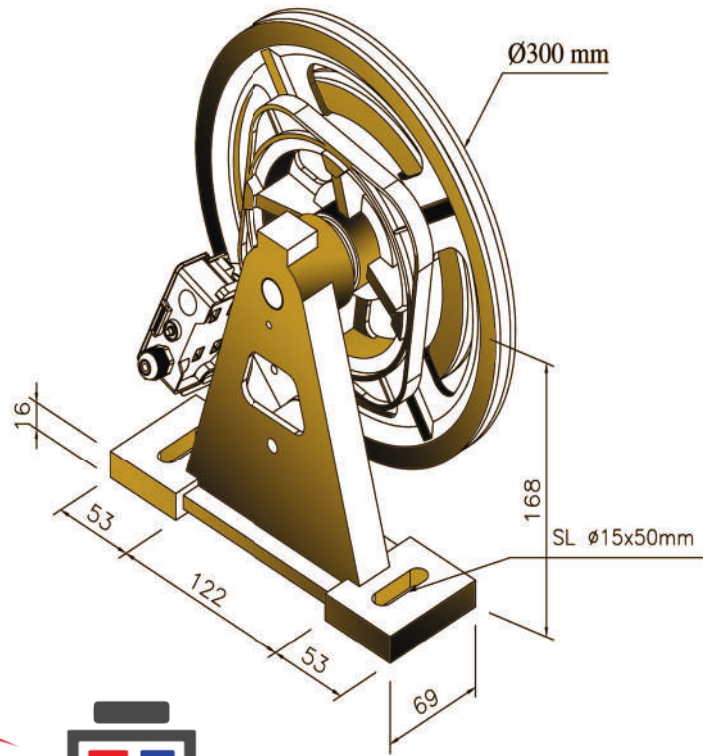
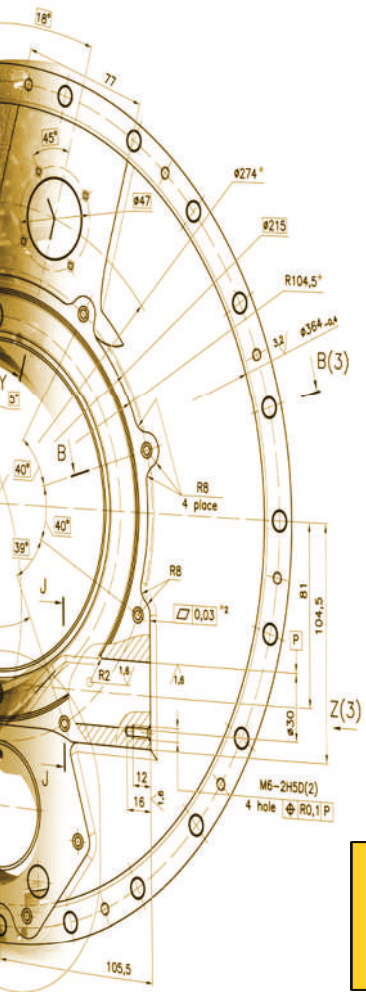
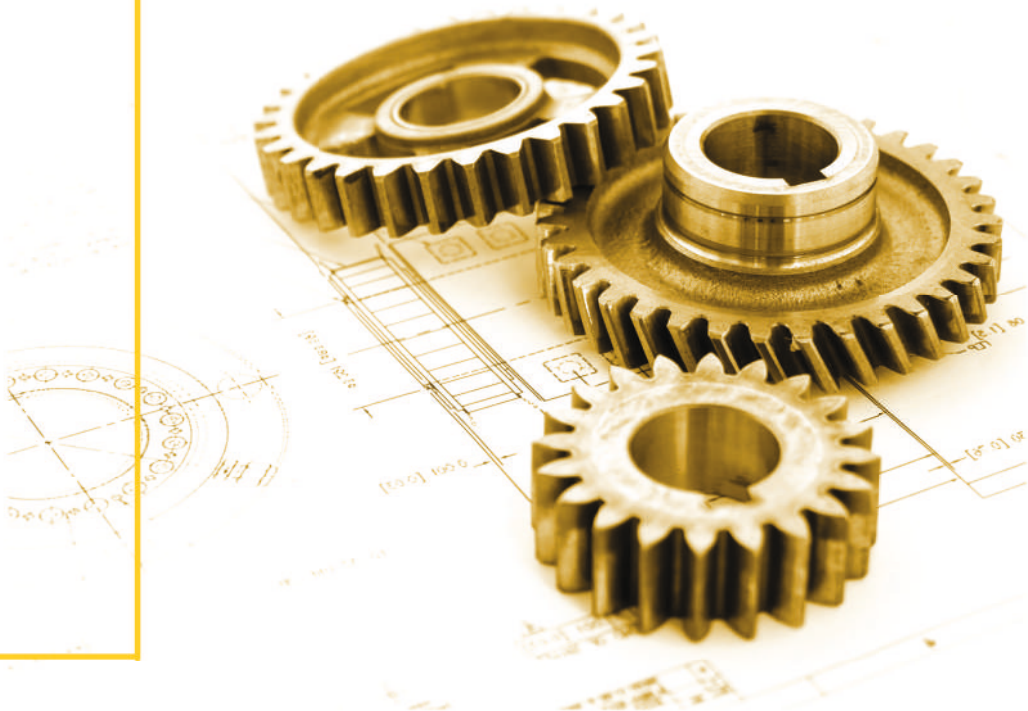


STAR ELEVATOR MECHANICAL COMPONENT



SAFETY IS ULTIMATE



INTRODUCTION



in supplying 'Quality Products at Competitive Price'. A pledge taken long ago and still practiced today.

SAFETY IS ULTIMATE

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**YOUR SAFETY
OUR PRIORITY
MAKE YOUR LIFT A3 COMPLIANT**

SAFETY COMPONENTS

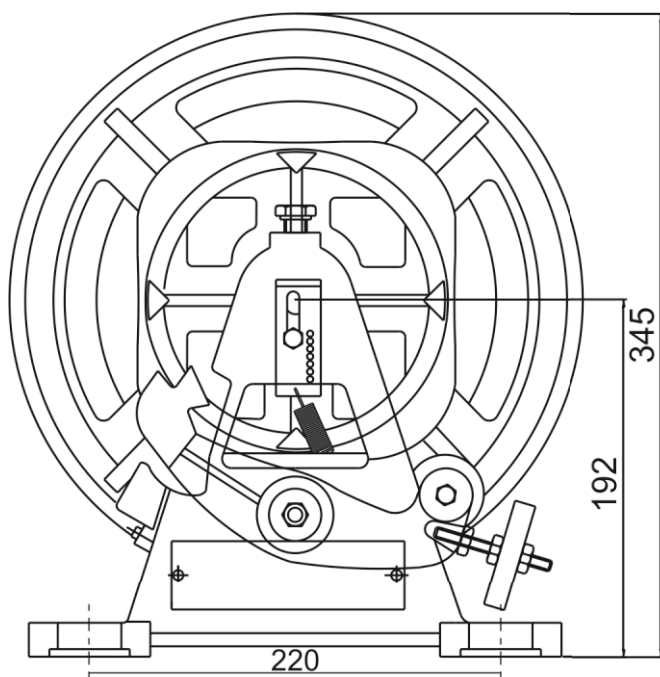


- **BI-DIRECTIONAL OVERSPEED GOVERNOR**
- **ROPE TENSIONER**
- **INSTANTANEOUS SAFETY GEAR**
- **PROGRESSIVE SAFETY GEAR**
- **BI-DIRECTIONAL SAFETY GEAR**



OVER SPEED GOVERNOR (Ø300) WITH SWITCH

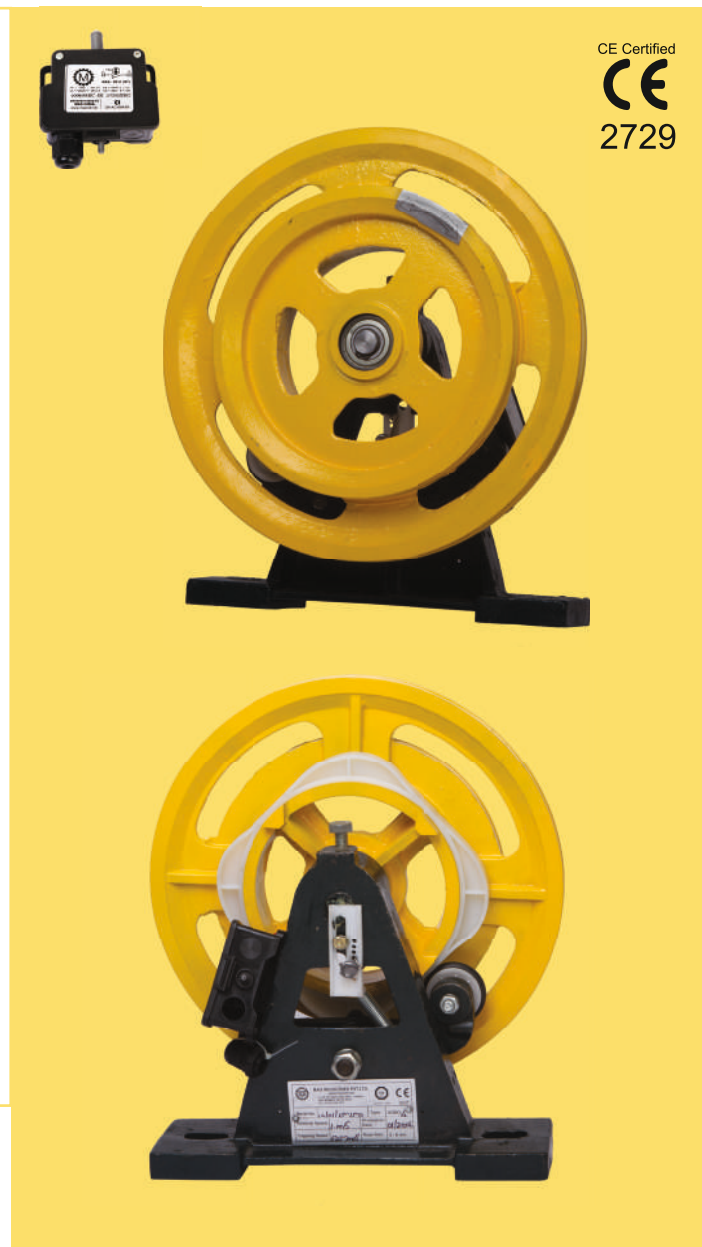
CODE - EOSG



- Sheave Dia. - 300mm
- Rope Dia. - 6-8mm
- Action - Bi-directional

AS PER EN NORMS

Code	Nominal speed max m/s	Electrical tripping speed m/s	Mechanical tripping speed m/s
EOSG 1	0.50	0.58	0.63
EOSG 2	0.63	0.72	0.79
EOSG 3	0.82	0.94	1.03
EOSG 4	1.00	1.15	1.25
EOSG 5	1.20	1.38	1.50
EOSG 6	1.50	1.73	1.88
EOSG 7	1.60	1.84	2.00
EOSG 8	1.80	2.07	2.25
EOSG 9	2.00	2.30	2.50

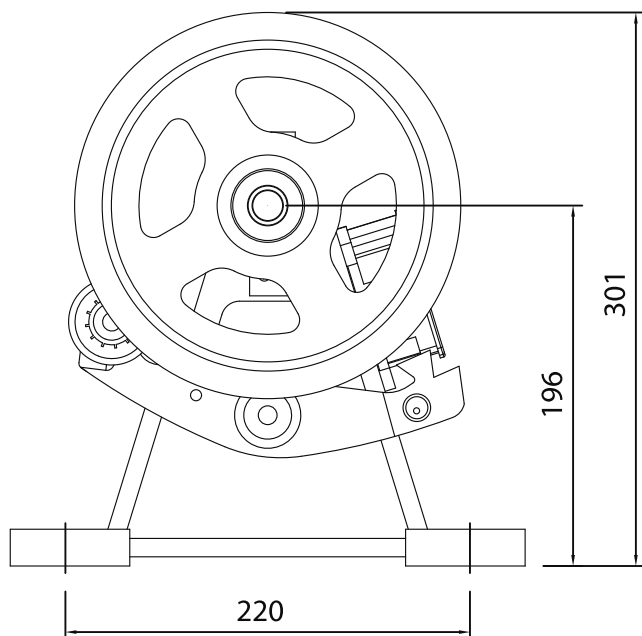


AS PER IS NORMS

Code	Nominal speed max. m/s	Electrical tripping speed m/s	Mechanical tripping speed m/s
EOSG 1_IS	0.50	0.63	0.70
EOSG 2_IS	0.63	0.79	0.88
EOSG 3_IS	0.82	1.03	1.15
EOSG 4_IS	1.00	1.25	1.40
EOSG 5_IS	1.20	1.50	1.68
EOSG 6_IS	1.50	1.88	2.10
EOSG 7_IS	1.60	2.00	2.24
EOSG 8_IS	1.80	2.25	2.52
EOSG 9_IS	2.00	2.50	2.80

OVER SPEED GOVERNOR (Ø200) WITH SWITCH

CODE - EOSG S



- Sheave Dia. - 200mm
- Rope Dia. - 6-8mm
- Action - Bi=directional
- Available with Solenoid coil for MRL application



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AS PER EN NORMS

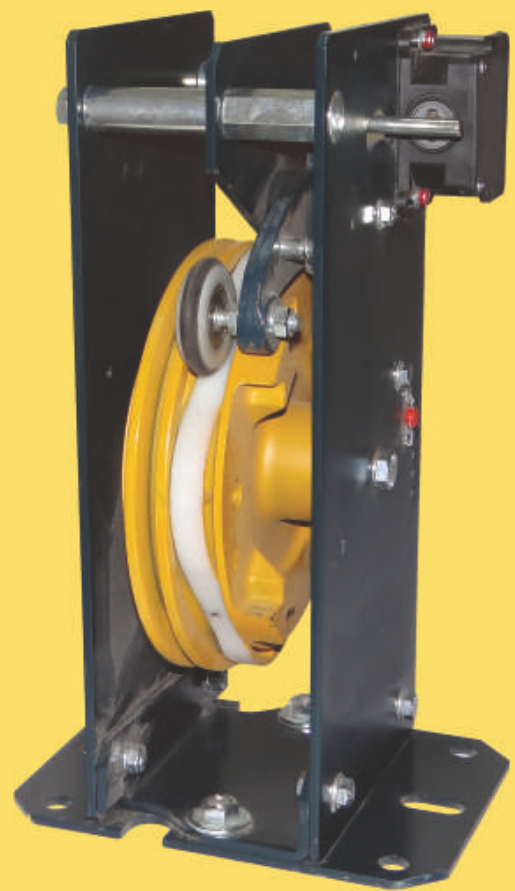
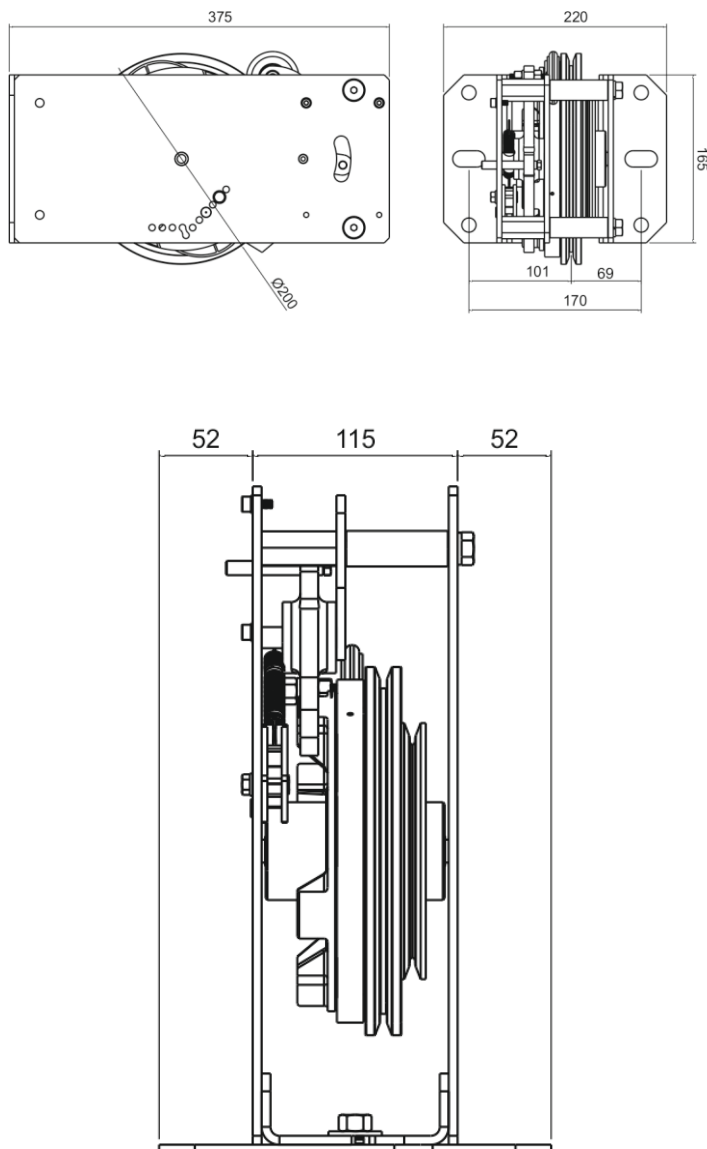
Code	Nominal speed max m/s	Electrical tripping speed m/s	Mechanical tripping speed m/s
EOSGS 1	0.30	0.35	0.38
EOSGS 2	0.43	0.49	0.54
EOSGS 3	0.63	0.72	0.79
EOSGS 4	0.80	0.92	1.00
EOSGS 5	1.00	1.15	1.25

AS PER IS NORMS

Code	Nominal speed max m/s	Electrical tripping speed m/s	Mechanical tripping speed m/s
EOSGS 1_IS	0.30	0.38	0.42
EOSGS 2_IS	0.43	0.54	0.60
EOSGS 3_IS	0.63	0.79	0.88
EOSGS 4_IS	0.80	1.00	1.12
EOSGS 5_IS	1.00	1.25	1.40

OVER SPEED GOVERNOR (Ø200) A3 COMPLIANT

CODE - EOSG GL



- Sheave Dia. - 200mm
- Rope Dia. - 6-8mm
- Action - Bi-directional
- A3 Norm Compliant to avoid unintended car movement

AS PER EN NORMS

Code	Nominal speed max m/s	Electrical tripping speed m/s	Mechanical tripping speed m/s
EOSG GL1	1.00	1.15	1.25
EOSG GL2	1.20	1.38	1.50
EOSG GL3	1.50	1.73	1.88

AS PER IS NORMS

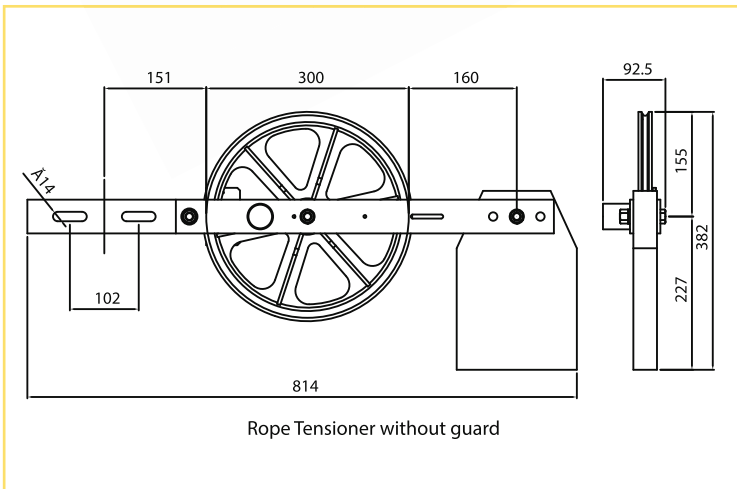
Code	Nominal speed max m/s	Electrical tripping speed m/s	Mechanical tripping speed m/s
EOSG GL1_IS	1.00	1.25	1.40
EOSG GL2_IS	1.20	1.50	1.68
EOSG GL3_IS	1.50	1.88	2.10

ROPE TENSIONER



CODE - ERT

- Pulley Dia. - 300mm/200mm
- Rope Dia. - 6-8mm
- Available with switch to control rope stretch



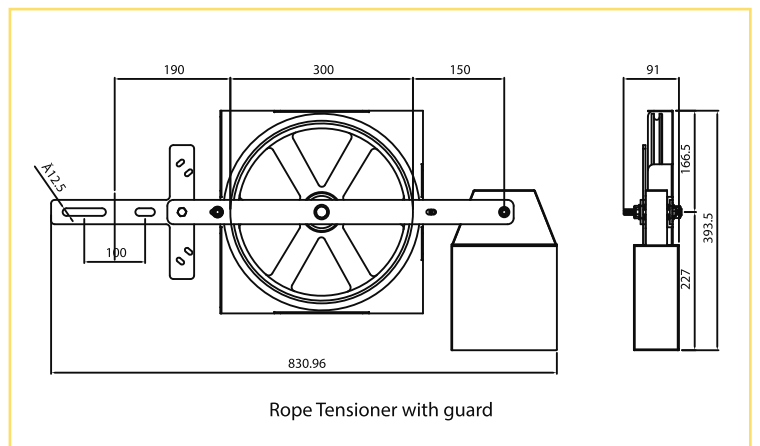
Code	Type of Wt.	Dead Wt. (Kgs.)
ERT 300_C10	Casting	10 Kgs
ERT300_C20	Casting	20 Kgs
ERT300_F10	Filler	10 Kgs
ERT300_F15	Filler	15 Kgs
ERT 200_C10	Casting	10 Kgs
ERT200_C20	Casting	20 Kgs
ERT200_F10	Filler	10 Kgs
ERT200_F15	Filler	15 Kgs

CODE - ERTSM

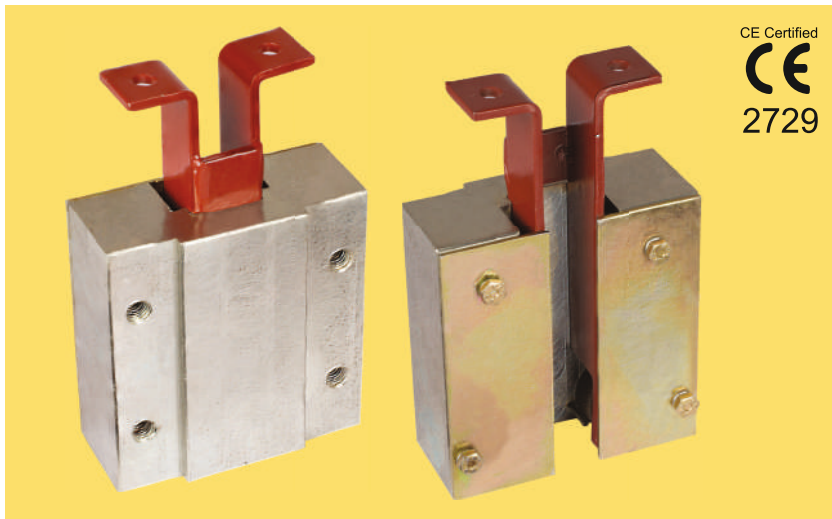
- Pulley Dia. - 300mm/200mm
- Rope Dia. - 6-8mm
- With Rope Guard
- Available with switch to control rope stretch



Code	Type of Wt.	Dead Wt. (Kgs.)
ERTSM300_C10	Casting	10 Kgs
ERTSM300_C20	Casting	20 Kgs
ERTSM300_F10	Filler	10 Kgs
ERTSM300_F15	Filler	15 Kgs
ERTSM200_C10	Casting	10 Kgs
ERTSM200_C20	Casting	20 Kgs
ERTSM200_F10	Filler	10 Kgs
ERTSM200_F15	Filler	15 Kgs



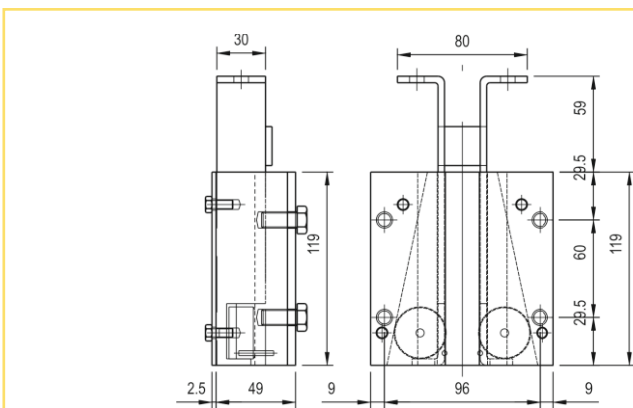
DOUBLE ROLLER INSTANTANEOUS SAFETY GEAR



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CODE - ESG - 1B

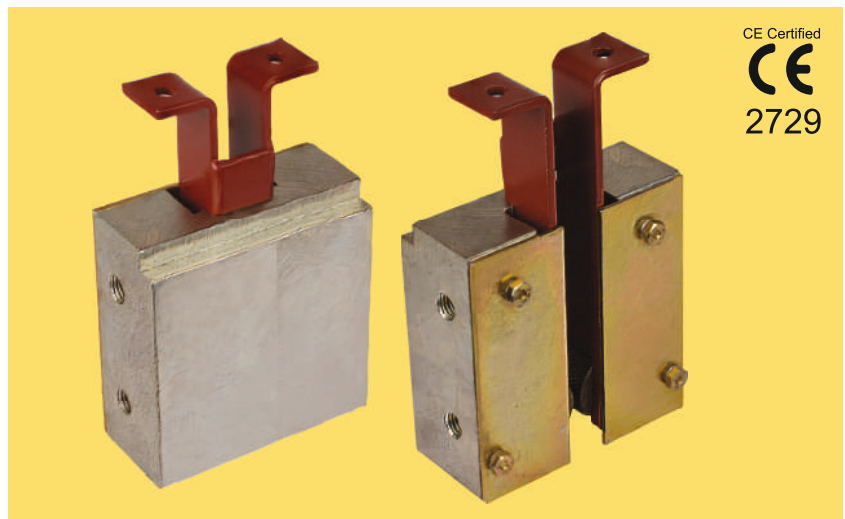
Action - Instantaneous
For Capacity - Upto 1 Tonne
For Speed - Upto 1.0 m/s
For Rail Size - 9mm, 10mm, 16mm



CODE	TYPE	RAILS	MAX NORMAL SPEED
ESG 1B	sp50	6 to 16 mm	0.60 m/s
TRIPPING SPEED	HOLES	MASS KG	MATERIAL
1 m/s	REAR M10	4.0	C 40
MAX LOAD ON TWO DEVICES AT DIFFERENT RELEASE SPEED		0.60 m/s	3128 kgs
		0.80 m/s	2853 kgs

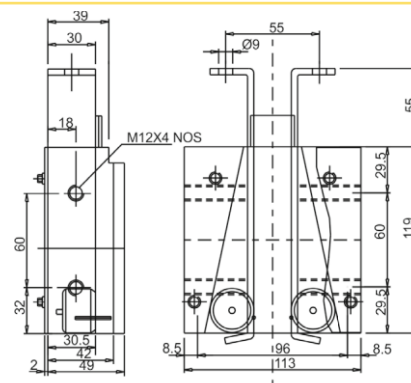
CODE - ESG - 1S

Action - Instantaneous
For Capacity - Upto 1 Tonne
For Speed - Upto 1.0 m/s
For Rail Size - 9, 10, 16mm



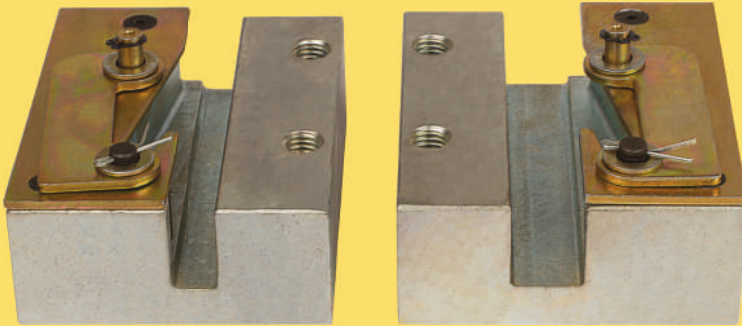
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CODE	TYPE	RAILS	MAX NORMAL SPEED
ESG 1S	sp50	6 to 16 mm	0.60 m/s
TRIPPING SPEED	HOLES	MASS KG	MATERIAL
1 m/s	SIDE M12	4,0	C 40
MAX LOAD ON TWO DEVICES AT DIFFERENT RELEASE SPEED		0.60 m/s	3128 kgs
		0.80 m/s	2853 kgs



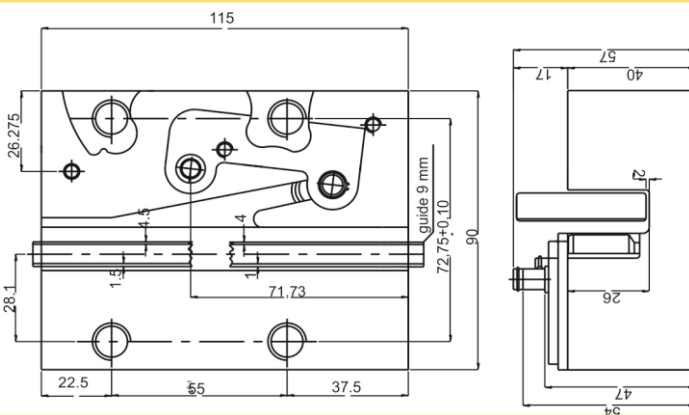
SINGLE ROLLER INSTANTANEOUS SAFETY GEAR

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CODE - ESG - 4

Action - Instantaneous
For Capacity - Upto 8 Passenger
For Speed - Upto 1.0 m/s
For Rail Size - 9mm, 10mm, 16mm



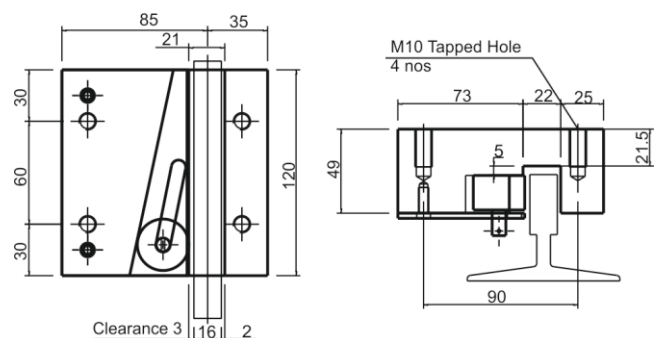
CODE	RAILS	MAX NORMAL SPEED	MAX GOVERNER INTERVENTION SPEED
ESG 4	8 & 9/16 mm	0.6m/s - 1m/s	1.0m/s - 1.10m/s
HOLES	MATERIAL	GUIDE RAIL PROCESSING	
REAR M10	C 5	OILED / DRY	

CODE - ESG - 8

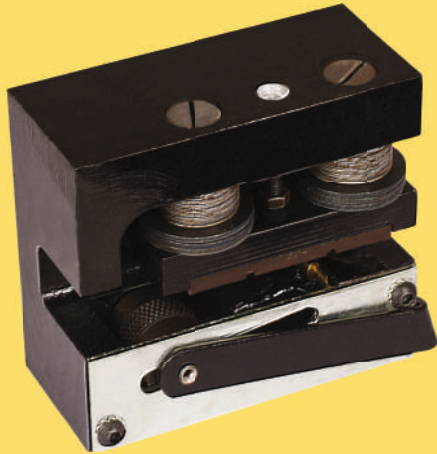
Action - Instantaneous
For Capacity - Upto 8 Passenger
For Speed - Upto 1.0 m/s
For Rail Size - 9, 10, 16mm



CODE	RAILS	MAX NORMAL SPEED	TRIPPING SPEED
ESG 8	16 mm	0.5m/s - 1m/s	1m/s
HOLES	MATERIAL	GUIDE RAIL PROCESSING	
REAR M10	C 5	OILED / DRY	



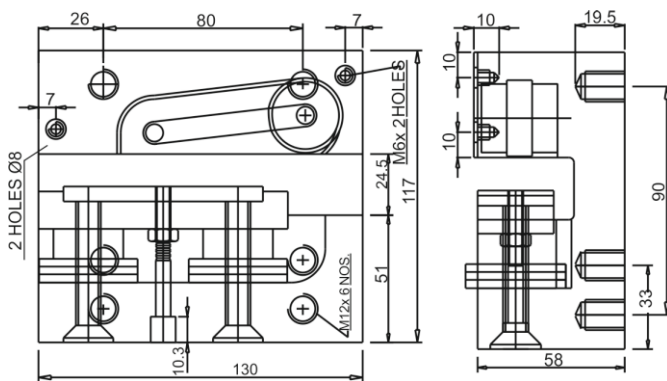
PROGRESSIVE SAFETY GEAR



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CODE - ESG - P

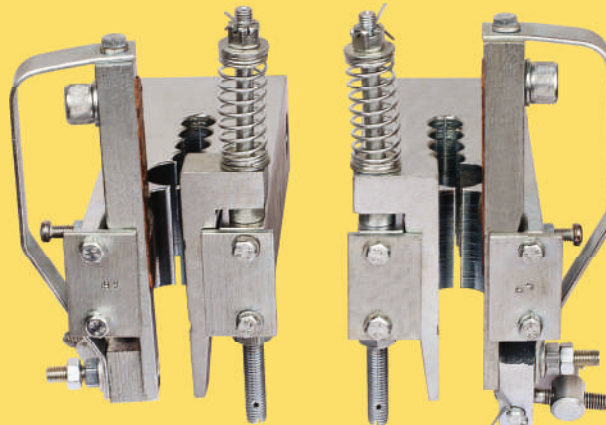
Action - Progressive
For Capacity - Upto 2.5 Tonne
For Speed - Upto 1.8 m/s
For Rail Size - 9mm, 10mm, 16mm



CODE	TYPE	RAILS	MAX NORMAL SPEED
ESG P	92.01	8 TO 16 mm	1.80 m/s
MAX GOVERNOR INTERVENTION SPEED		HOLES	MIN GRIP SURFACE
2.40 m/s		REAR M10	10 mm
MATERIAL		GUIDE RAIL PROCESSING	
C 40		COLD DRAWN / PLANED	

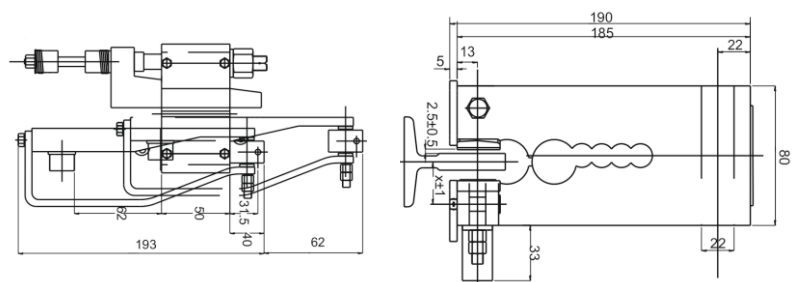
CODE - ESG - 5

Action - Progressive
For Capacity - Upto 2.5 Tonne
For Speed - Upto 1.8 m/s
For Rail Size - 9, 10, 16mm



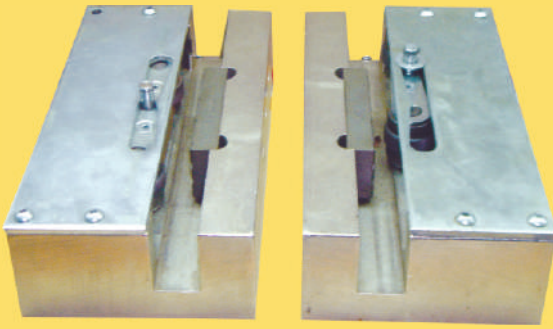
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CODE	RAILS	MAX NORMAL SPEED
ESG 5	8 - 9 - 10 & 16	0.63 - 2.5
MAX GOVERNOR INTERVENTION SPEED		GUIDE RAIL PROCESSING
1.10 - 2.75		OILED / DRY



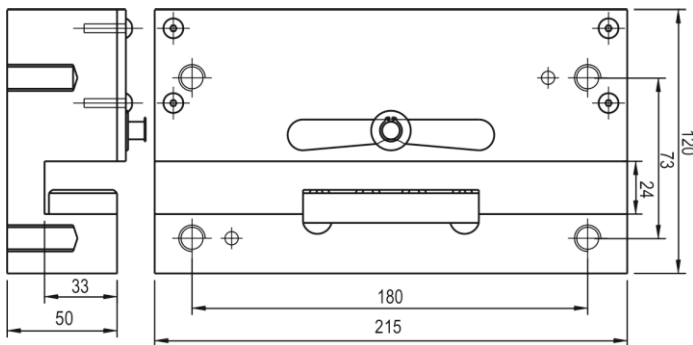
SAFETY GEAR

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CODE - ESG - 3

- Action - Progressive Double Action
- For Capacity - Upto 1 Tonne
- For Speed - Upto 2.0 m/s
- For Rail Size - 9mm, 10mm, 16mm

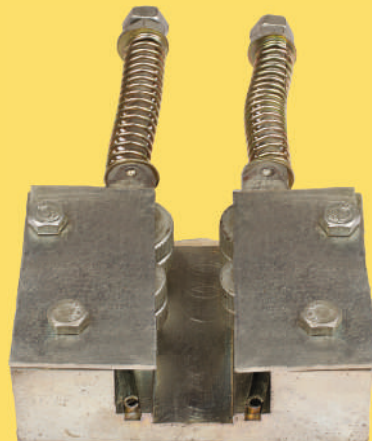


CODE	TYPE	RAILS	MAX NORMAL SPEED
ESG 3	92.01	8 TO 16 mm	2 m/s
MAX GOVERNER INTERVENTION SPEED		HOLES	MIN GRIP SURFACE
2.5 m/s		REAR M10	8 TO 16 mm
MATERIAL		GUIDE RAIL PROCESSING	
C 40		COLD DRAWN / PLANED	

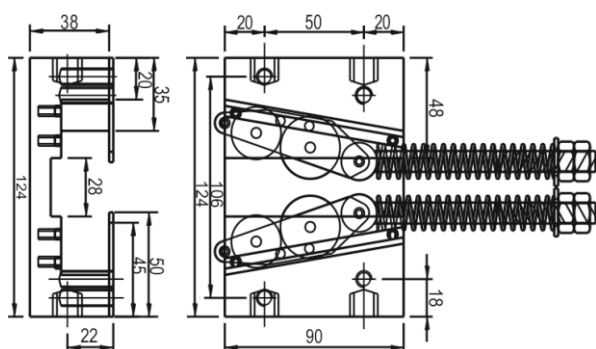
CODE - ESG - 6

- Action - Instantaneous
- For Capacity - Upto 1 Tonne
- For Speed - Upto 1.0 m/s
- For Rail Size - 9mm

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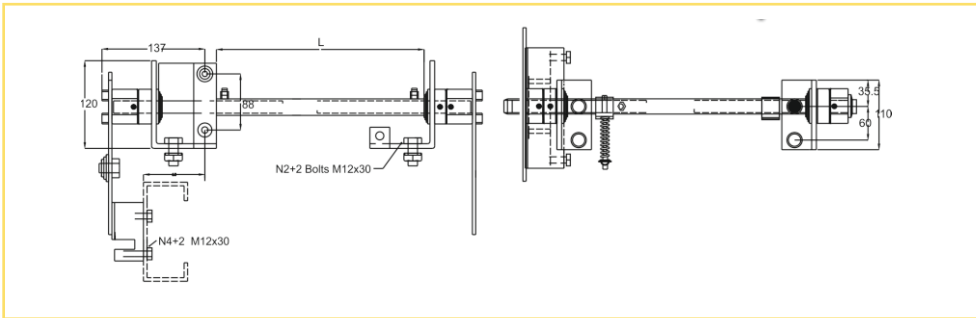
CODE	RAILS	MAX NORMAL SPEED
ESG 8	8 & 9 mm	0.63m/s - 1.10m/s
TRIPPING SPEED	HOLES	MIN GRIP SURFACES
1 m/s	SIDE M10	10 mm
MATERIAL		GUIDE RAIL PROCESSING
C 5		OILED / DRY



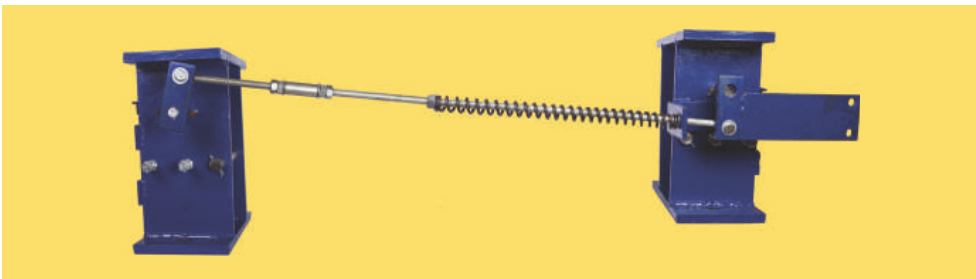
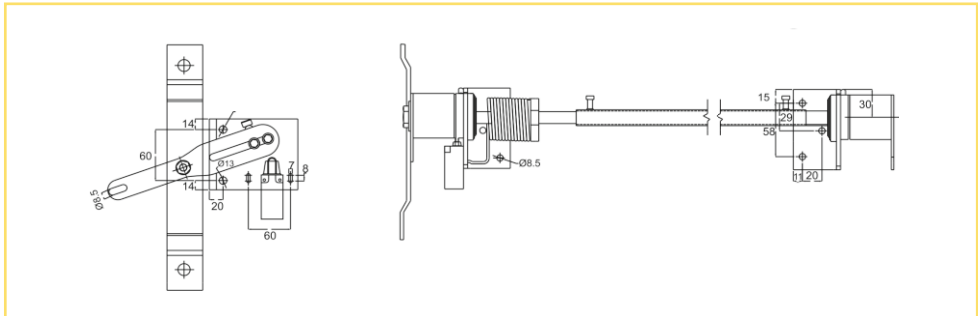
SAFETY MECHANISM



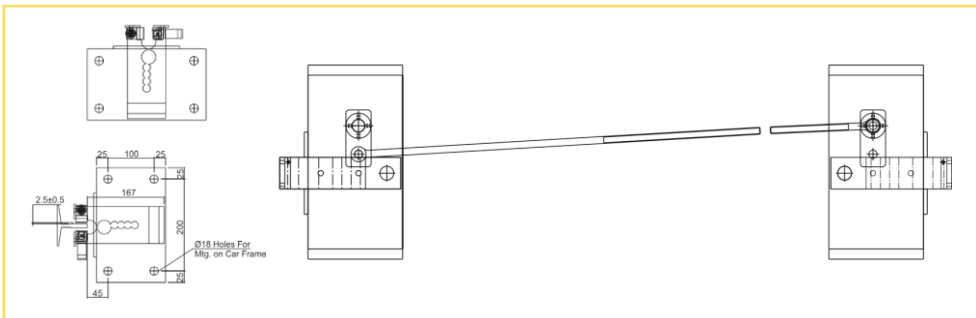
CODE - ESG - M1



CODE - ESG - M2



CODE - ESG - M3

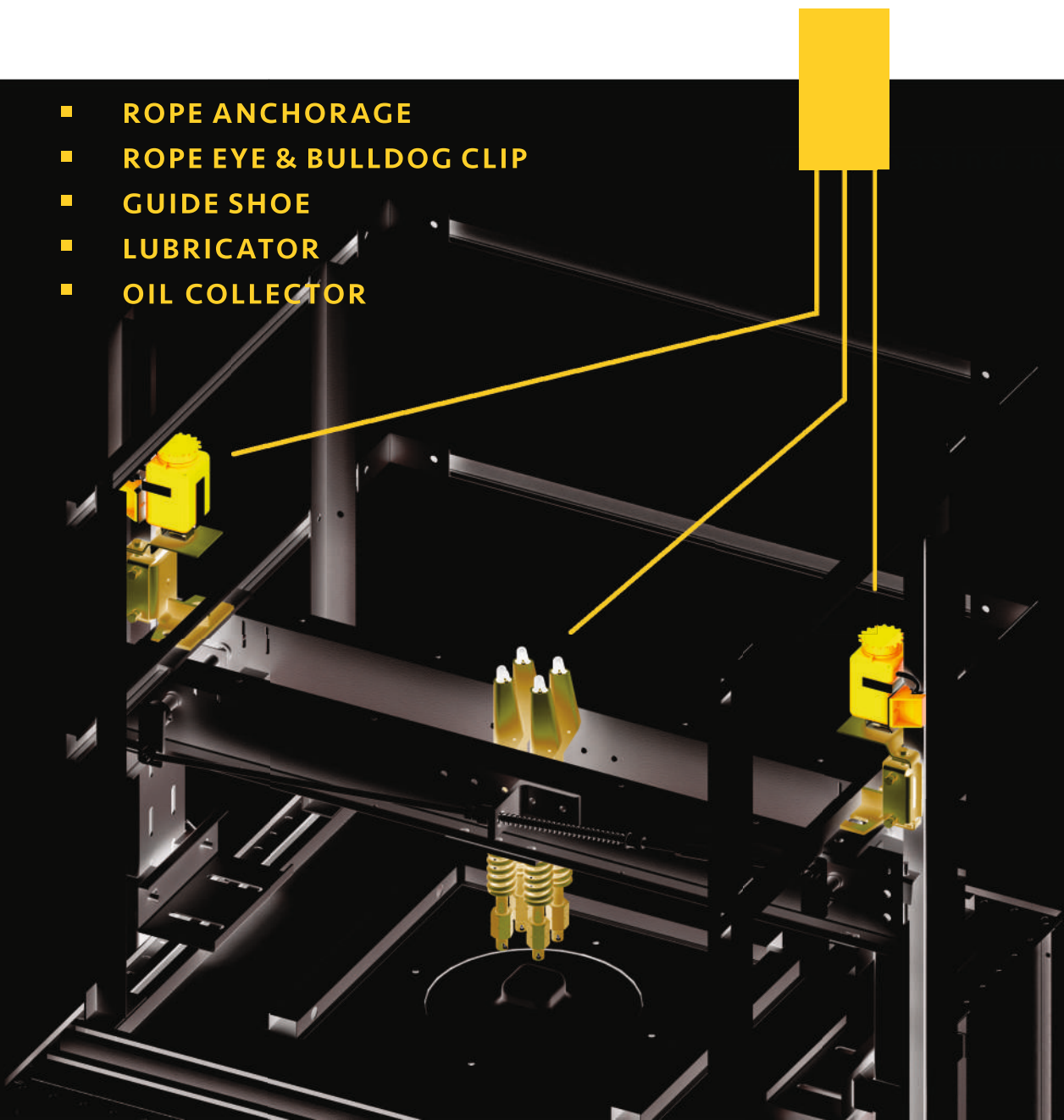


DISCOVER
A NEW DIMENSION
OF
SAFETY & QUALITY

CAR FRAME COMPONENTS

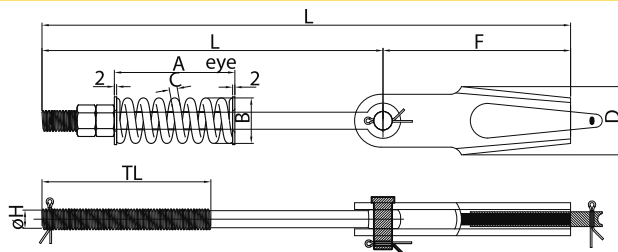


- ROPE ANCHORAGE
- ROPE EYE & BULLDOG CLIP
- GUIDE SHOE
- LUBRICATOR
- OIL COLLECTOR



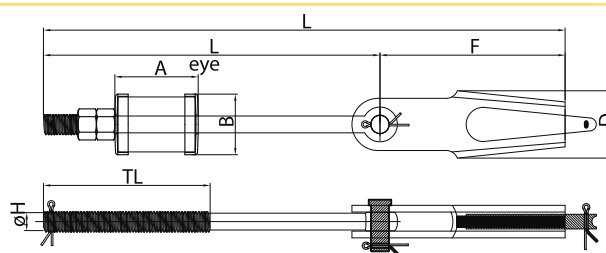
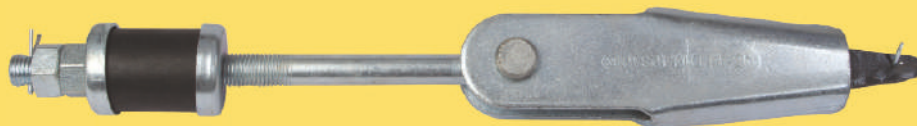
ROPE ANCHORAGE SWIVEL TYPE

CODE - ERA W/S



CODE	ROPE D mm	ø D	L eye	L mm	F	TL mm	A	B	C	D	MIN STRENGTH KN
ERA-W1/S	6 - 8	M12	300	430	130	150	110	32	6.5	50	29.4
	6 - 8	M12	500	630	130	150	110	32	6.5	50	29.4
ERA-W2/S	9 - 11	M16	300	465	165	150	102	40	7	60	56.5
	9 - 11	M16	500	665	165	150	102	40	7	60	56.5
ERA-W3/S	12 - 14	M20	300	500	200	150	156	50	9	75	78.9
	12 - 14	M20	500	700	200	150	156	50	9	75	78.9
ERA-W5/S	5 - 6.5	M10	180	265	85	75	68	24	4	36	22.7

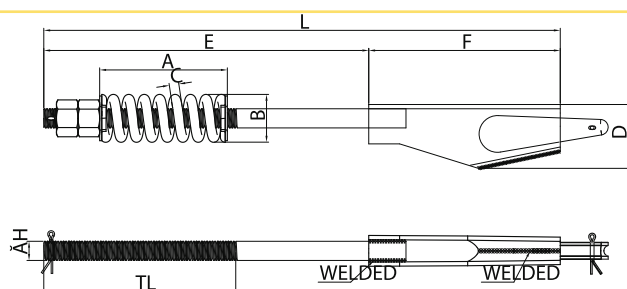
CODE - ERA W/R



CODE	ROPE D mm	ø D	L eye	L mm	F	TL mm	A	B	D	MIN STRENGTH KN
ERA-W1/R	6 - 8	M12	300	430	130	150	73.5	54	50	29.4
	6 - 8	M12	500	630	130	150	73.5	54	50	29.4
ERA-W2/R	9 - 11	M16	300	465	165	150	73.5	54	60	56.5
	9 - 11	M16	500	665	165	150	73.5	54	60	56.5
ERA-W3/R	12 - 14	M20	300	500	200	150	73.5	54	75	78.9
	12 - 14	M20	500	700	200	150	73.5	54	75	78.9
ERA-W5/R	5 - 6.5	M10	180	266	85	75	64	41	36	22.7

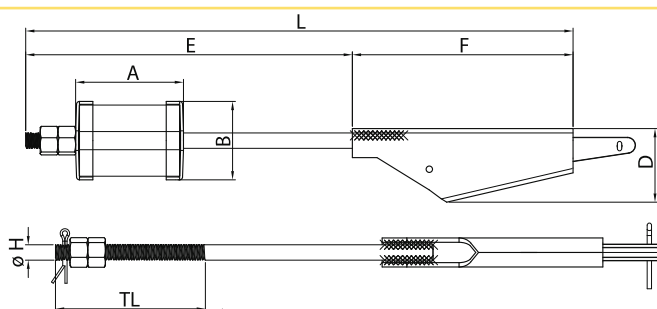
ROPE ANCHORA

CODE - ERA SM/S



CODE	ROPE D mm	Ø H	L mm	TL mm	A	B	C	D	E	F	MIN STRENGTH KN
ERA-SM1/S	6 - 8	M12	375	105	110	32	6.5	50	225	150	40
ERA-SM2/S	9 - 11	M16	455	110	121	40	9	55	260	195	75
ERA-SM3/S	12 - 14	M20	480	200	156	50	9	60	300	180	85

CODE - ERA SM/R



CODE	ROPE D mm	Ø H	L mm	TL mm	A	B	D	E	F	MIN STRENGTH KN
ERA-SM1/R	6 - 8	M12	375	105	73.5	54	50	225	150	40
ERA-SM2/R	9 - 11	M16	455	110	73.5	54	55	260	195	75
ERA-SM3/R	12 - 14	M20	480	200	73.5	54	60	300	180	85

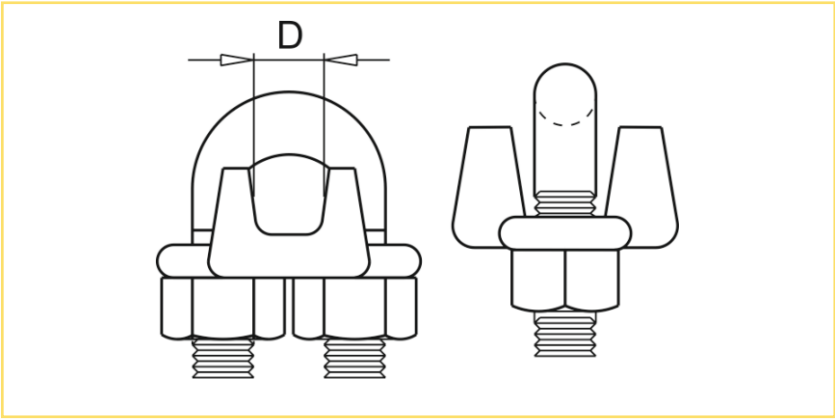
ROPE EYE & BULLDOG CLIP



CODE - EBC

Finish Available

- White Zinc Plated
- Yellow Zinc Plated



CODE	ROPE D.mm	TIGHTENING TOURQUE Nm
E-BC1	5 - 6	4,24
E-BC2	7 - 8	4,24
E-BC3	9 - 10	10,20
E-BC4	12 - 13	20,11
E-BC5	15 - 16	20,11

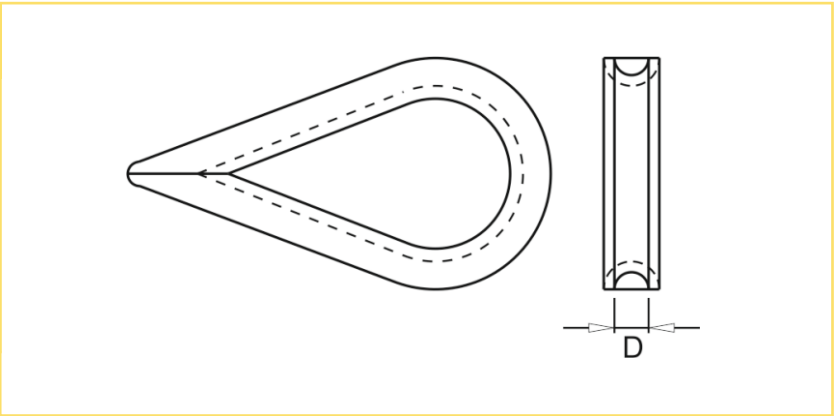
CODE - ERE

Finish Available

- White Zinc Plated
- Yellow Zinc Plated



CODE	ROPE D.mm
E-RE1	3 - 4
E-RE2	5 - 6
E-RE3	7 - 8
E-RE4	9 - 10
E-RE5	11 - 12
E-RE6	13 - 14

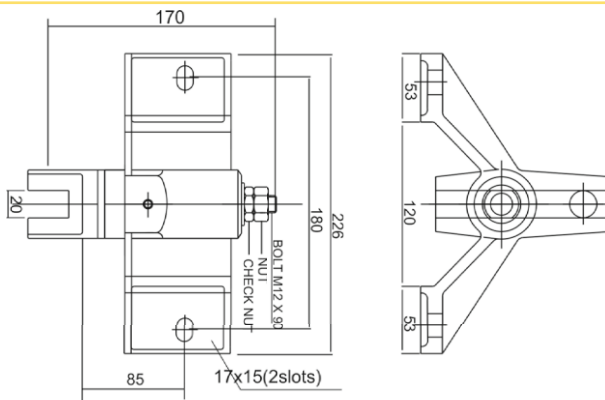


GUIDE SHOE



CODE - EGS 1

For Capacity - Upto 8 Passenger
 For Speed - Upto 0.85 m/s
 For Rail Size - 9mm, 10mm.



Rail Size

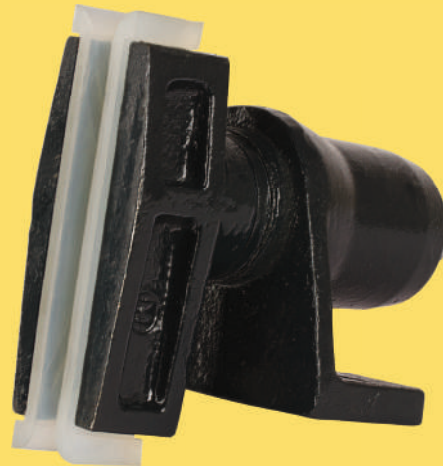
Load daN

For 5 to 10 mm

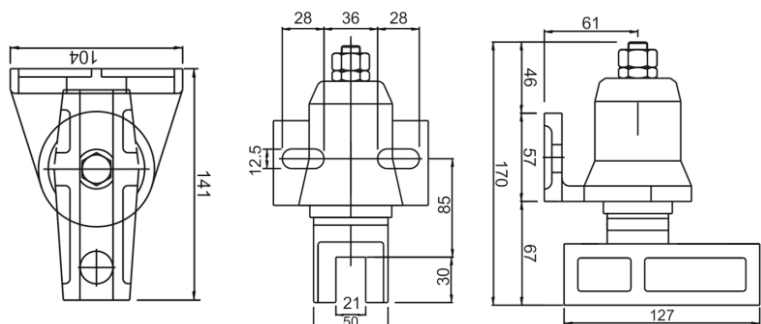
1000

CODE - EGS 1R

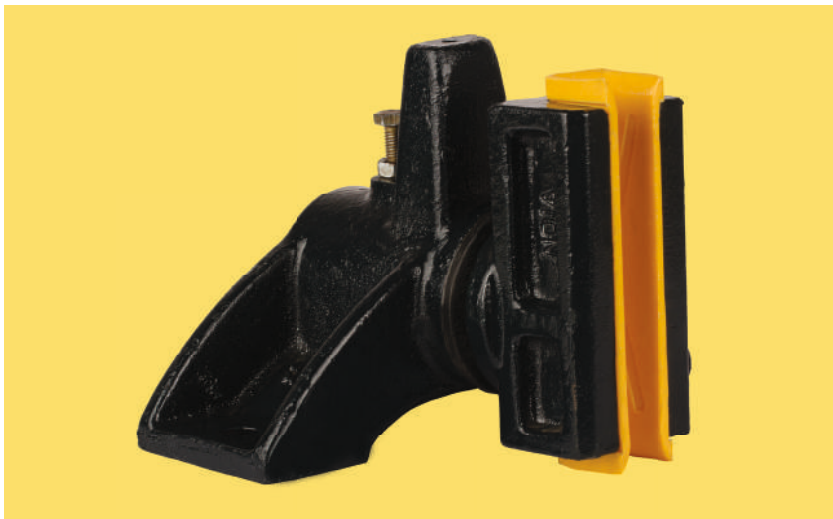
For Capacity - Upto 8 Passenger
 For Speed - Upto 0.85 m/s
 For Rail Size - 9mm, 10mm



Rail Size	Load daN	TYPE
For 5 to 10 mm	1000	SPRING LOADED



GUIDE SHOE

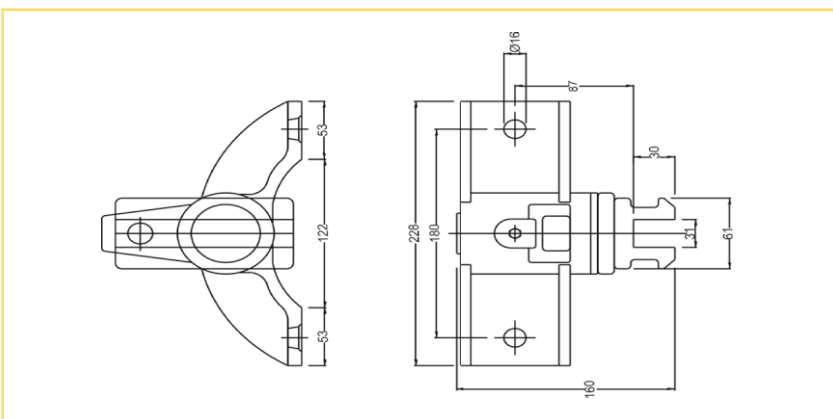


CODE - EGS 2

For Capacity - Upto 1.5 Tonne

For Speed - Upto 0.6 m/s

For Rail Size - 16mm



Rail Size	Load daN	Type
For 16 mm	2500	ROCKING T600

CODE - EGS 2A

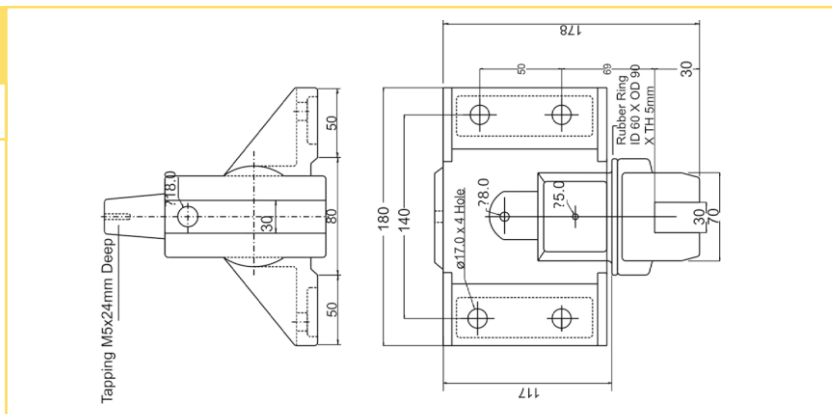
For Capacity - Upto 3 Tonne

For Speed - Upto 0.6 m/s

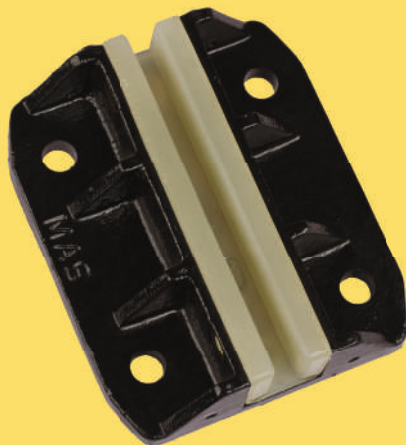
For Rail Size - 16mm



Rail Size	Load daN
For 16 mm	4500



GUIDE SHOE

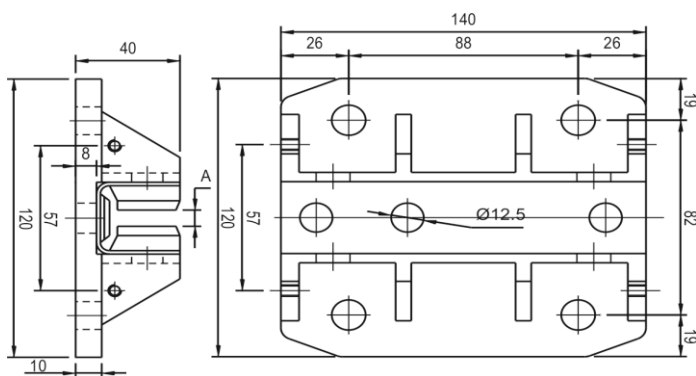


CODE - EGS A1

For Capacity - Upto 8 Passenger

For Speed - Upto 0.85 m/s

For Rail Size - 5, 6, 9, 10, 16mm



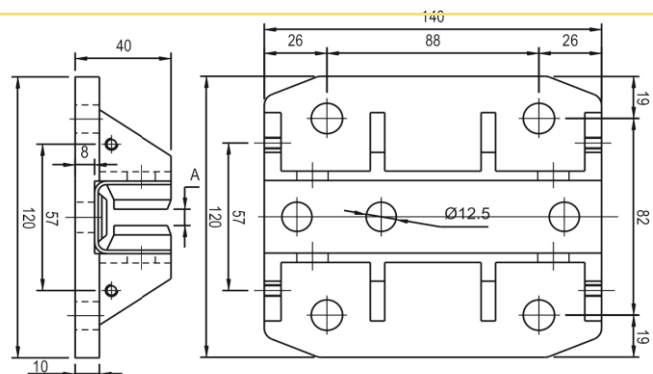
Rail Size	Load daN	Type
From 5 to 16mm	1350	C. I.

CODE - ESG A1-L

For Capacity - Upto 8 Passenger

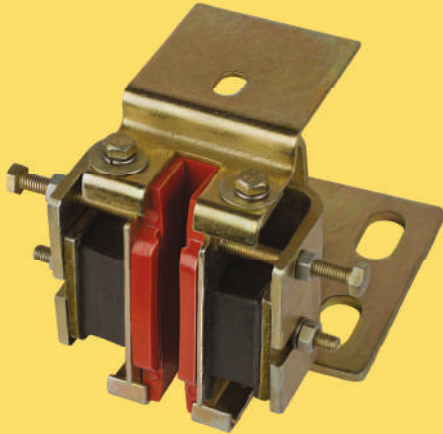
For Speed - Upto 0.85 m/s

For Rail Size - 5, 6, 9, 10, 16mm



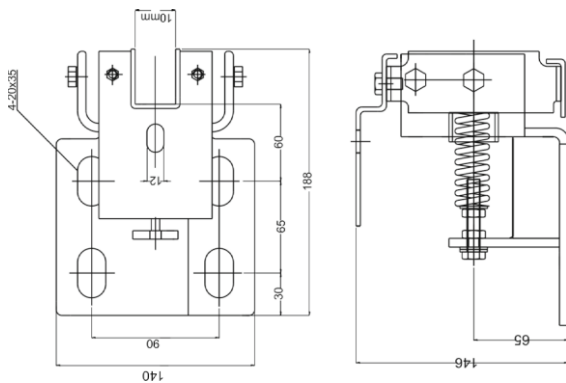
Rail Size	Load daN	TYPE
For 5 to 16 mm	1000	C. I.

GUIDE SHOE



CODE - EGS 5

For Capacity - Upto 20 Passenger
 For Speed - Upto 1.75 m/s
 For Rail Size - 9mm, 10mm, 16mm



Rated Speed

UPTO 1.75 M/S

Rail Size

From 9 to 16mm

Load daN

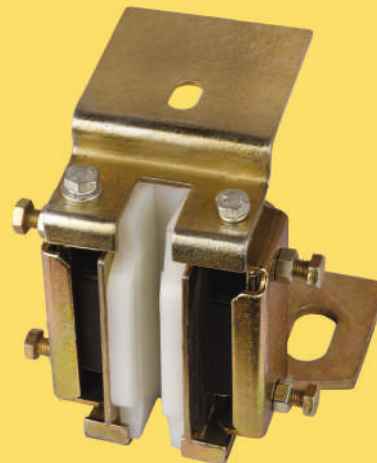
2350

Type

Sliding High Speed

CODE - EGS 6

For Capacity - Upto 10 Passenger
 For Speed - Upto 1.75 m/s
 (High Speed)
 For Rail Size - 9mm, 10mm, 16mm



Rated Speed

UPTO 1.75 M/S

Rail Size

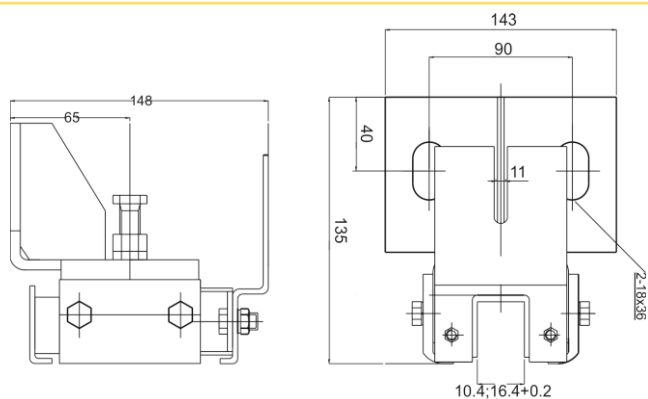
From 9 to 16mm

Load daN

1350

Type

Sliding High Speed



GUIDE SHOE

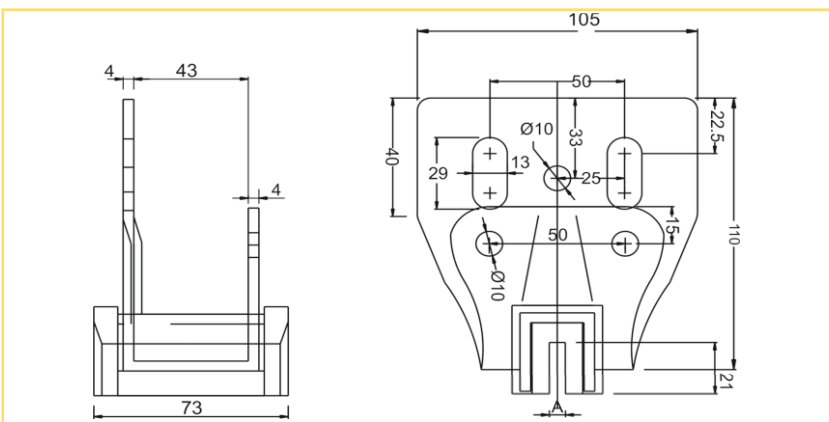


CODE - EGS 3

For Capacity - Upto 8 Passenger

For Speed - Upto 1.0 m/s

For Rail Size - 5mm, 6mm



Rail Size	Load daN	Type
For 16 mm	2500	ROCKING T600

CODE - EGS 4

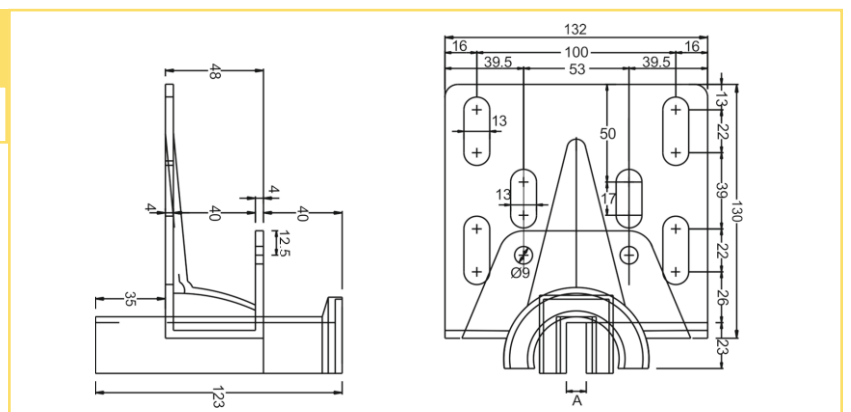
For Capacity - Upto 8 Passenger

For Speed - Upto 0.85 m/s

For Rail Size - 9, 10, 16mm



Rail Size	Load daN
For 16 mm	4500

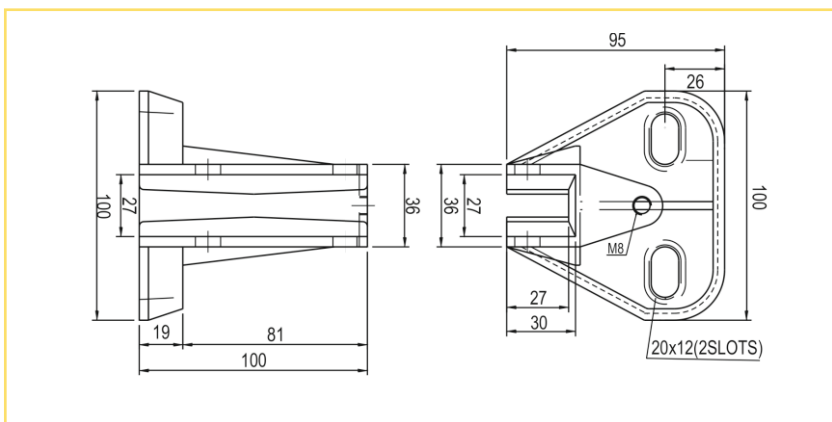


GUIDE SHOE



CODE - EGS 7

For Capacity - Upto 8 Passenger
 For Speed - Upto 0.85 m/s
 For Rail Size - 5mm, 6mm, 9mm



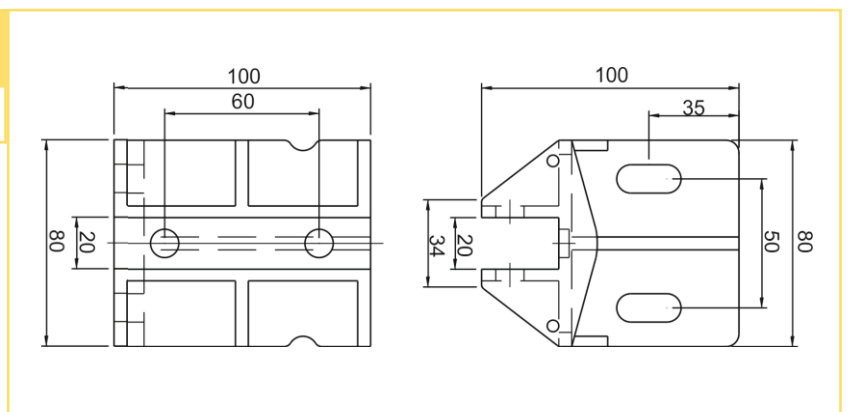
Rail Size	Load daN	Type
For 5 TO 9 mm	1000	Aluminium

CODE - EGS 8

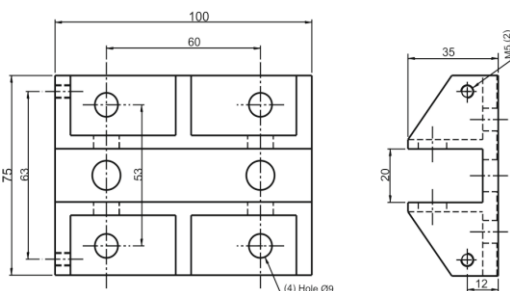
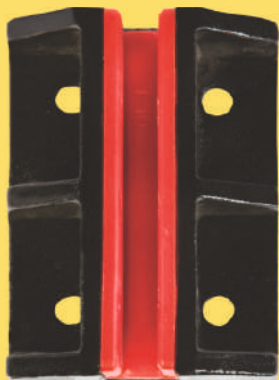
For Capacity - Upto 8 Passenger
 For Speed - Upto 0.85 m/s
 For Rail Size - 5mm, 6mm, 9mm



Rail Size	Load daN	Type
For 5 TO 9 mm	1000	Aluminium



GUIDE SHOE



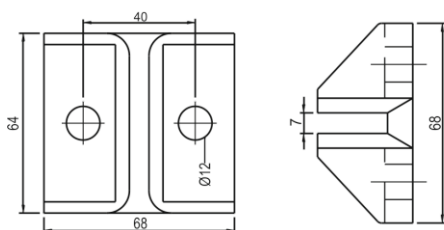
Rail Size	Load daN	Type
From 9 to 16mm	1350	C. I.

CODE - EGS 10

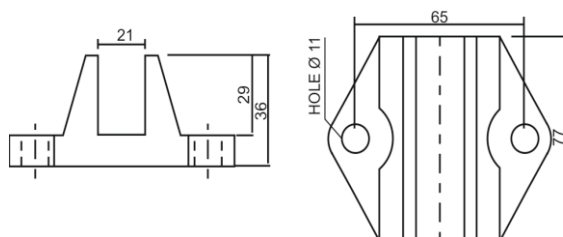
For Capacity - Upto 8
Passenger
For Speed - Upto 0.85m/s
For Rail Size - 5, 6mm

CODE - EGS 11

For Capacity - Upto 8
Passenger
For Speed - Upto 0.85m/s
For Rail Size - 5, 6mm



Rail Size	Load daN	Type
From 5 to 16mm	1000	Nylon



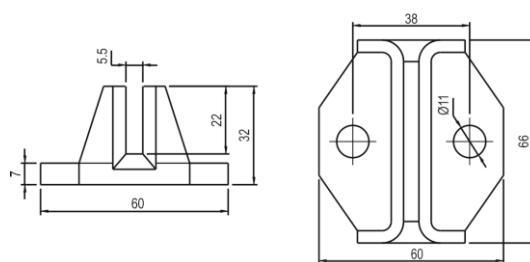
Rail Size	Load daN	Type
From 5 mm	1000	C. I.

CODE - EGS CN

For Capacity - Upto 8
Passenger
For Speed - Upto 0.85m/s
For Rail Size - 5mm

CODE - EGS NY

For Capacity - Upto 8
Passenger
For Speed - Upto 0.85m/s
For Rail Size - 5, 6mm
NYLON GUIDE SHOE
WITH METAL SUPPORT



Rail Size	Load daN	Type
From 5 to 6mm	1000	Nylon

Soft Type
(yellow)



Hard type (grey)

OILER & OIL COLLECTORS

CODE - EOF 1

Oil Feeder Suitable for
EGS 1, EGS 2, EGS 2a



CODE - EOF 2

Oil Feeder Suitable for
EGS 3, EGS 7, EGS 5



CODE - EOF 3

Oil Feeder Suitable for EGS A1,
EGSA 1L, ESG 8 & ESG 11



CODE - EOC

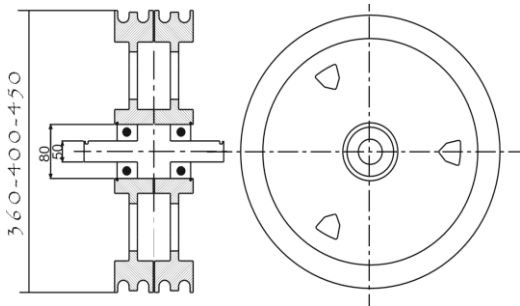
Oil Collector for rail size 5, 9,
14 & 16



HYDRAULIC PULLEY

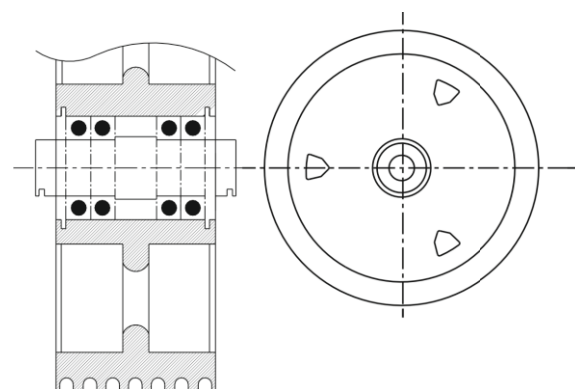


CODE - EPHD



Code	pulley Dia	Groove No.	Rope Dia	Axle Dia	Axle Length
EPH1	360	2 x 2	9 - 10	50	190
EPH2		2 x 3			225
EPH3	400	2 x 2	10 - 11		190
EPH4		2 x 3			225
EPH5	450	2 x 2	10 - 11 - 12		190
EPH6		2 x 3			240
EPH6A	250	2 x 2	9 - 11		190

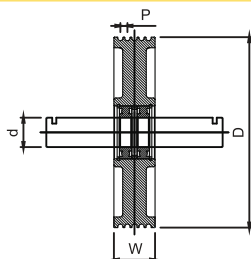
CODE - EPH



Code	pulley Dia	Groove No.	Rope Dia	Axle Dia	Axle Length
EPH7	450	4-5-6	10-11	175	500
EPH8	520	4-5-6	11-12-13	175	
EPH9	560	4-5	10-11	180	
EPH10		6	11-12-13-14	210	
EPH11		7-8		230	
EPH12	600	5-6	10-11-12	170	
EPH13		6-7		180	
EPH14		8	12-13-14	202	
EPH15	700	7-8	13-14	178	
EPH16	360	3	4-7	125	
EPH17	400	5	4-7	125	

DIVERTER PULLEY FOR CAR FRAME

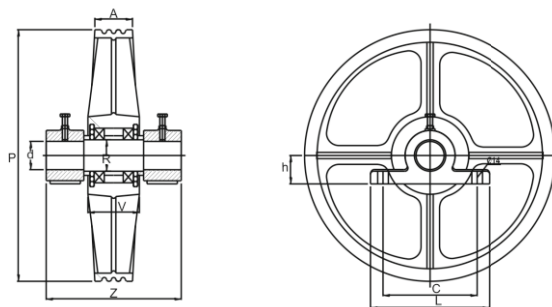
CODE - EP



Code	Pulley Dia. UDU	Rope Dia.	No. of ropes	Pitch UPU	Width UWU	Shaft Dia. UdU	Ball Bearing
EP250500605	250	6	5	12	84	50	6210-ZZ
EP250500606	250	6	6	12	84	50	6210-ZZ
EP250500607	250	6	7	12	116	50	6210-ZZ
EP250500608	250	6	8	12	116	50	6210-ZZ
EP300500804	300	8	4	12	70	50	6210-ZZ
EP300500805	300	8	5	12	70	50	6210-ZZ
EP300500806	300	8	6	12	83	50	6210-ZZ
EP300501003	300	10	3	17	70	50	6210-ZZ
EP300501004	300	10	4	17	83	50	6210-ZZ
EP300501005	300	10	5	17	102	50	6210-ZZ
EP300501303	300	13	3	19	70	50	6210-ZZ
EP300501304	300	13	4	19	83	50	6210-ZZ
EP320550605	320	6	5	12	70	55	6211-ZZ
EP320550606	320	6	6	12	86	55	6211-ZZ
EP320550607	320	6	7	12	106	55	6211-ZZ
EP320550608	320	6	8	12	130	55	6211-ZZ
EP320550804	320	8	4	12	70	55	6211-ZZ
EP320550805	320	8	5	12	70	55	6211-ZZ
EP320550806	320	8	6	12	86	55	6211-ZZ
EP400550804	400	8	4	12	70	55	6211-ZZ
EP400550805	400	8	5	12	70	55	6211-ZZ
EP400550806	400	8	6	12	84	55	6211-ZZ
EP400550808	400	8	8	12	102	55	6211-ZZ
EP400551003	400	10	3	17	70	55	6211-ZZ
EP400551004	400	10	4	17	84	55	6211-ZZ
EP400551005	400	10	5	17	102	55	6211-ZZ
EP400551303	400	13	3	19	70	55	6211-ZZ
EP400551304	400	13	4	19	84	55	6211-ZZ
EP400551305	400	13	5	19	102	55	6211-ZZ
EP525550806	525	8	6	12	102	55	6211-ZZ
EP525550808	525	8	8	12	108	55	6211-ZZ
EP525551003	525	10	3	17	102	55	6211-ZZ
EP525551004	525	10	4	17	102	55	6211-ZZ
EP525551005	525	10	5	17	102	55	6211-ZZ
EP525551303	525	13	3	19	102	55	6211-ZZ
EP525551304	525	13	4	19	102	55	6211-ZZ
EP525551305	525	13	5	19	130	55	6211-ZZ
EP525551306	525	13	6	19	130	55	6211-ZZ

DIVERTER PULLEY FOR MACHINE

CODE - EP

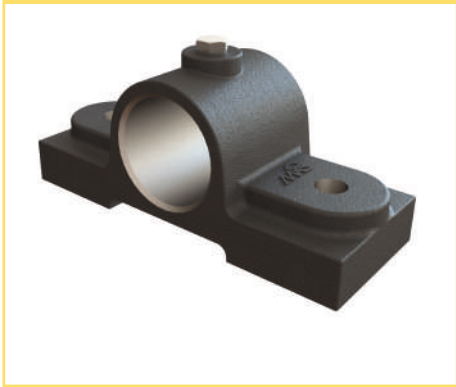


CODE	ØP	GROOVES "n"	ROPE DIA "mm"	A	C	L	V	Z	d	h	R	STATIC LOAD kg	BALL BEARINGS
EP2	360	4	9-11	82	128	175	85	300	50	45	55	2000	6210-ZZ
EP3	400	4	9-11	85	128	175	85	300	50	45	55	2500	6210-ZZ
EP4	400	5	9-11	100	128	175	85	300	50	45	55	3900	6210-ZZ
EP5	450	5	9-11/ 12-14	100	128	175	85	300	50	45	55	3900	6210-ZZ
EP6	525	6	9-11/ 12-14	133	135	185	133	300	55	48	60	6300	6211-ZZ
EP7	550	7	9-11	130	128	175	122	300	55	48	60	6300	6211-ZZ
EP8	480	5	12-14	101	135	175	88	300	50	45	55	3900	6210-ZZ
EP9	480	6	12-14	134	135	175	124	300	50	45	55	3900	6210-ZZ
EP10	400	6	9-11/ 12-14	101	128	175	86	300	50	45	55	3900	6210-ZZ
EP11	200	4	9-11	82	125	174	53	300	45	49	45	1800	6209-ZZ
EP12	300	3	10-13	85	128	175	85	300	50	45	55	2000	6210-ZZ
EP13	300	4	10-13	85	128	175	85	300	50	45	55	2000	6210-ZZ
EP14	400	3	9-11/ 12-14	85	128	175	85	300	50	45	45	2500	6210-ZZ
EP15	200	2	9-11	50	128	174	53	300	45	49	45	1800	6209-ZZ
EP16	200	5	9-11	82	128	174	53	300	45	49	45	1800	6209-ZZ
EP17	200	6	9-11	82	128	174	53	300	45	49	45	1800	6209-ZZ
EP18	250	4	9-11	85	128	174	53	300	45	49	45	1800	6209-ZZ
EP19	250	5	9-11	85	128	174	53	300	45	49	45	1800	6209-ZZ
EP20	300	5	9-11	100	128	175	85	300	50	45	55	2000	6210-ZZ
EP21	320	8	9-11	100	128	175	85	300	50	45	55	2000	6210-ZZ
EP22	360	5	9-11	107	128	175	85	300	50	45	55	2000	6210-ZZ
EP23	400	7	9-11/ 12-14	135	128	175	85	300	50	45	55	3900	6210-ZZ
EP24	450	4	9-11	135	128	175	85	300	50	45	55	3900	6210-ZZ
EP25	450	7	9-11/ 12-14	135	128	175	85	300	50	45	55	3900	6210-ZZ
EP26	525	3	12-14	100	135	175	124	300	55	48	60	6300	6211-ZZ
EP27	525	4	12-14	100	135	175	124	300	55	48	60	6300	6211-ZZ
EP28	525	5	12-14	100	135	175	124	300	55	48	60	6300	6211-ZZ
EP29	250	6	9-11	82	128	174	53	300	45	49	45	1800	6209-ZZ
EP30	250	8	9-11	100	128	174	53	300	45	49	45	1800	6209-ZZ
EP31	320	4	9-11	85	128	175	85	300	50	45	55	2000	6210-ZZ
EP32	360	6	9-11	82	128	175	85	300	50	45	55	2000	6210-ZZ
EP33	320	5	9-11	100	128	175	85	300	50	45	55	2000	6210-ZZ
EP34	210	5	9-11	85	128	174	53	300	45	49	45	1800	6209-ZZ
EP35	240	6	9-11	85	128	174	53	300	45	49	45	1800	6209-ZZ
EP36	240	8	9-11	85	128	174	53	300	45	49	45	1800	6209-ZZ
EP37	240	10	9-11	85	128	174	53	300	45	49	45	1800	6209-ZZ

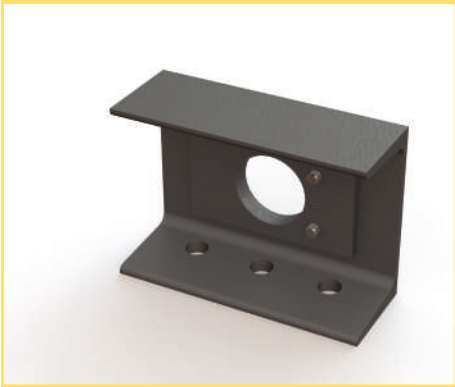
PULLEY ACCESORIES

PEDESTAL

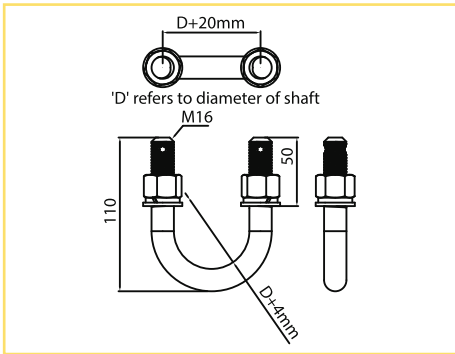
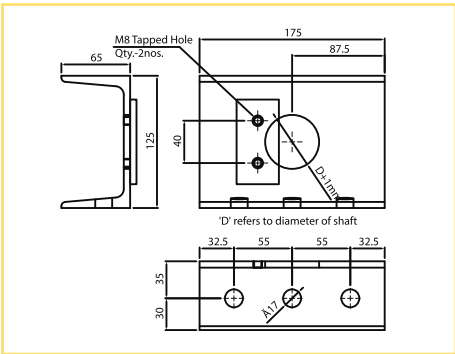
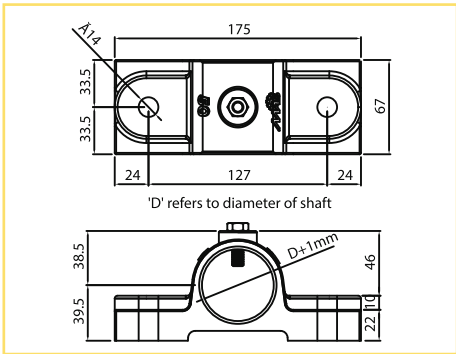
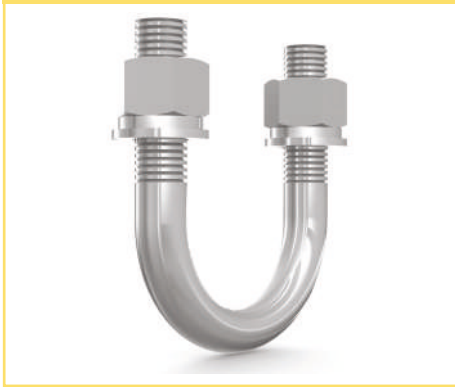
CASTING PEDESTAL



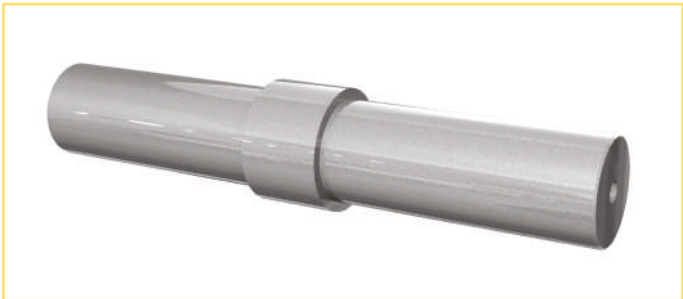
FABRICATED PEDESTAL



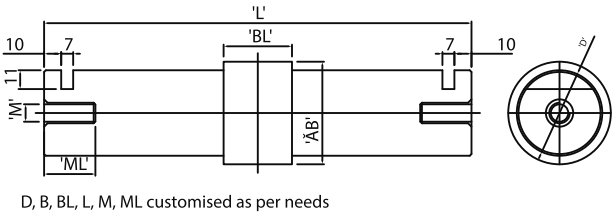
U - BOLT



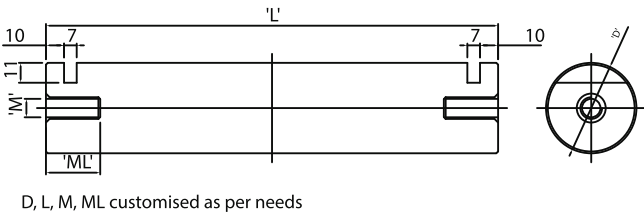
SHAFTS



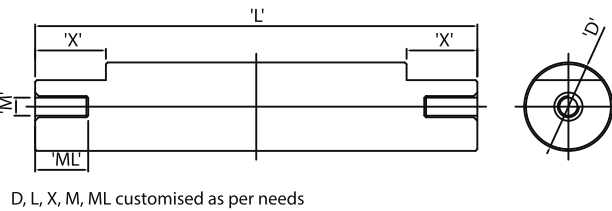
SHAFT WITH CENTRE LOCKING PULLEY ARRANGEMENT



SHAFT WITH PROVISION FOR LOCK PLATE



SHAFT WITH PROVISION FOR U BOLT CLAMPING



GET YOUR
WIRES & CABLES
ORGANISED

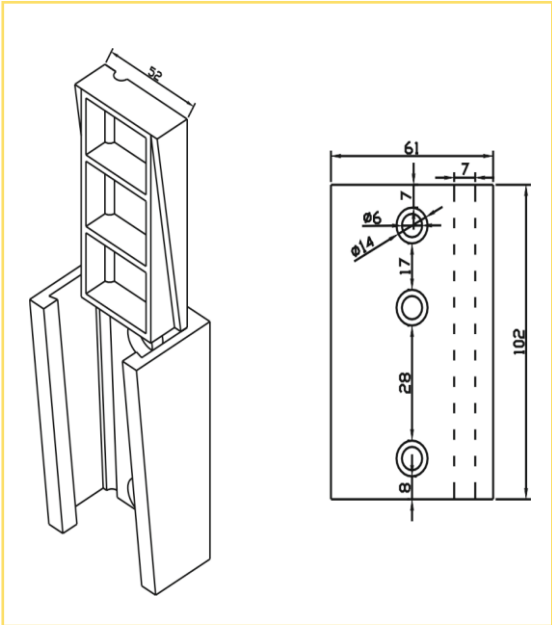
CABLE HANGER



- CABLE HANGER FOR LIFT SHAFT
- CABLE HANGER FOR PLATFORM
- CABLE HANGER FOR CAR TOP

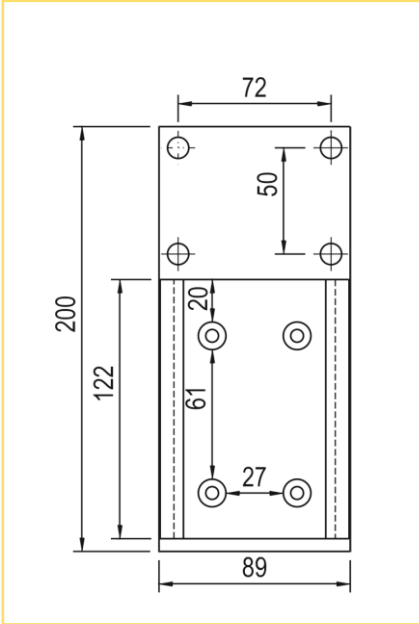
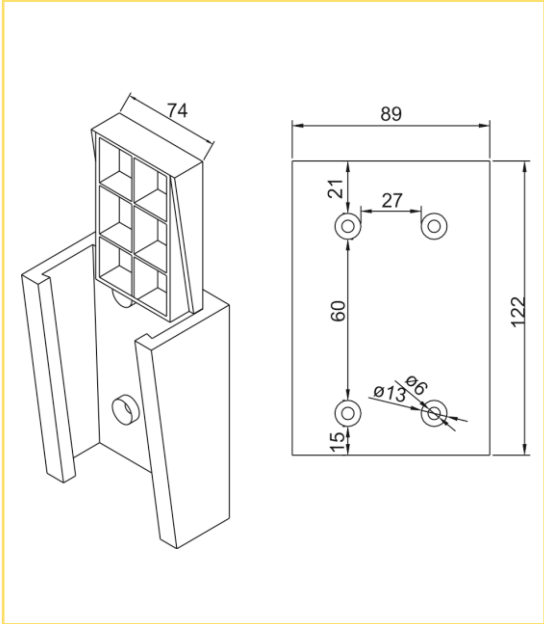


CABLE HANGER



CODE - ECHP PY 1

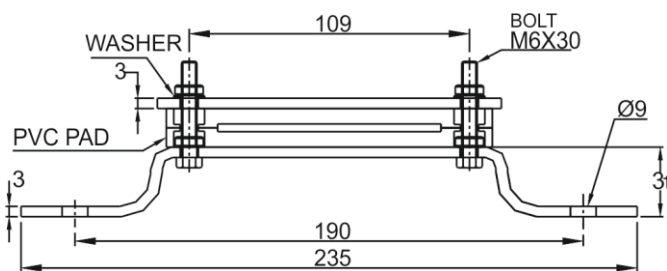
CODE - ECHP PY 2



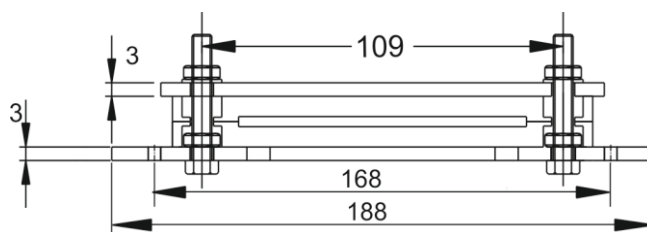
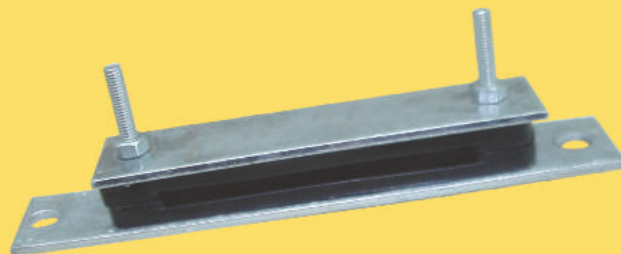
CODE - ECHP PY 3

CABLE HANGER

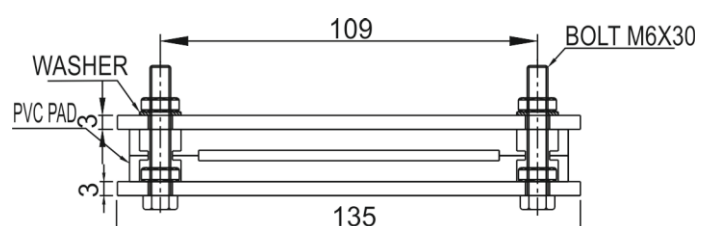
CODE - ECHP 1



CODE - ECHP 3

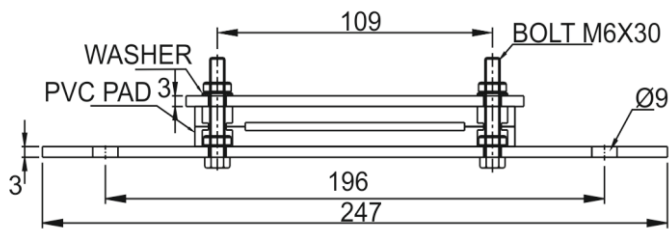
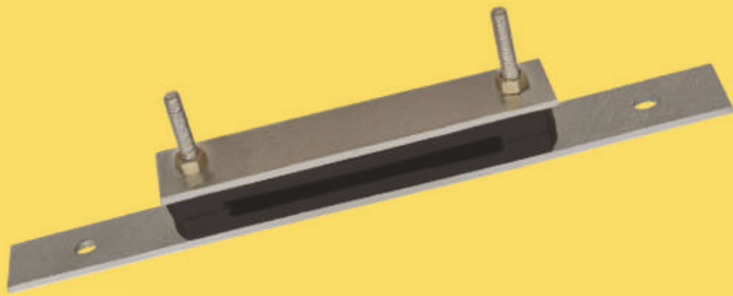


CODE - ECHP 4

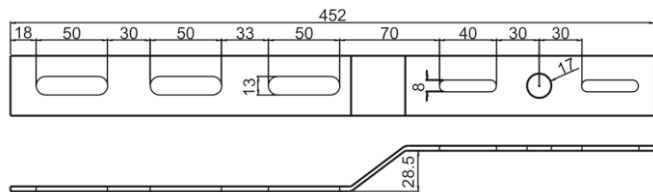


CABLE HANGER

CODE - ECHP 3



CODE - ECHP 7

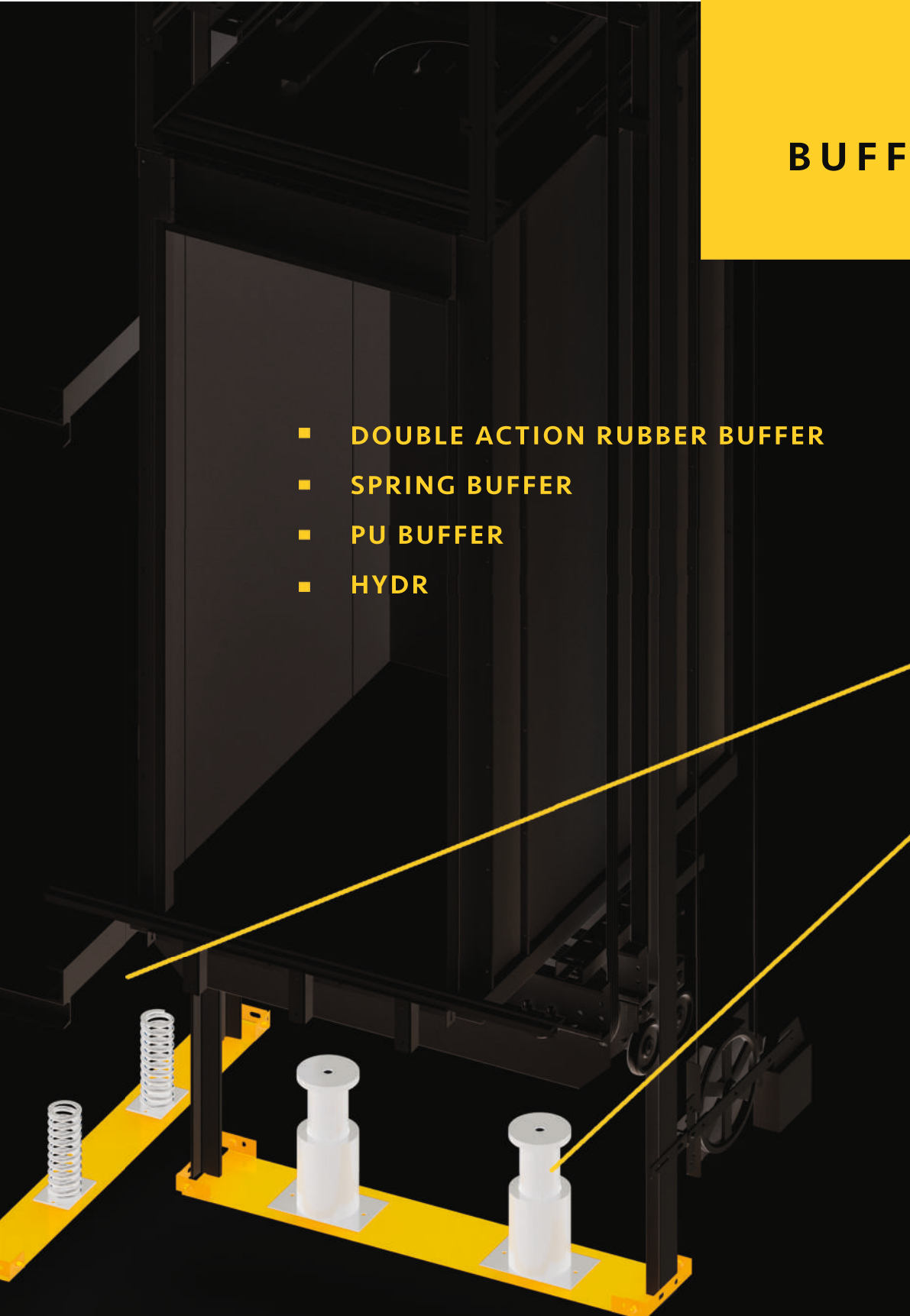


OUR BUFFERS
WILL NEVER
LET YOU DOWN

BUFFERS

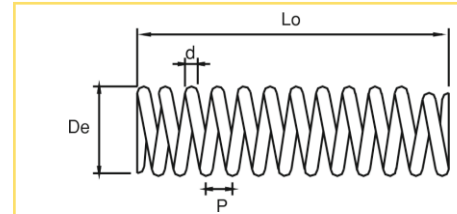


- DOUBLE ACTION RUBBER BUFFER
- SPRING BUFFER
- PU BUFFER
- HYDR



SPRING BUFFERS

CODE - ESD



TEHNICAL DATA	LENGTH Lo = mm	WIRE DIA D = mm	OUTSIDE DIA De = mm	MIDDLE DIA Dm = mm	PITCH P = mm	ACTIVE TURNS it=	TOTAL TURNS it=	TOTAL COMPRESS LOAD F = daN
E SD 14	235	14	85	71	23.26	9.50	10.50	828
ESD14/320	320	14	94	80	26.61	11.50	13.00	928
ESD15	210	15	89	74	26	7.50	8.50	1165
ESD15/330	330	15	94	79	30	10.50	12.00	1360
ESD16	320	16	112	96	38	20	10	1560
ESD18	250	18	98	80	29	8.00	9.00	1851
ESD18/20	420	18	98	80	29.78	13.50	15.00	2007

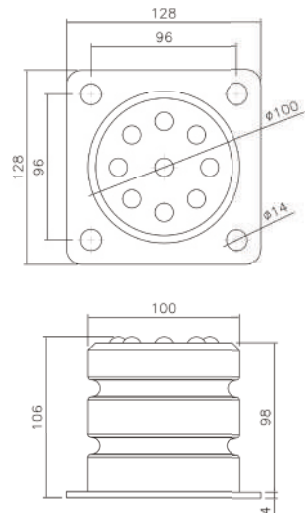
OIL BUFFER

CODE - BFOL



MIN. STROKE - 173.7
MAX. OPEN HEIGHT - 485.6
NOMINAL OIL VOLUME - 0.9LITRES
BUFFER MASS / NO OIL - 6.7KG

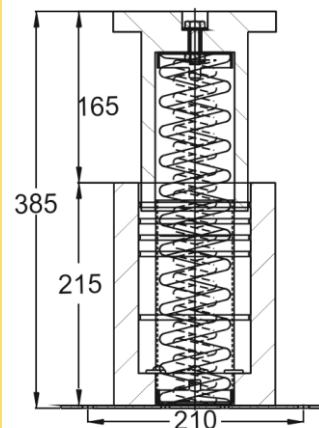
PU BUFFER



- Speed $\leq 1,00$ m/s
- Load 450Kg - 2200Kg
- Height = 115 mm
- Diameter = 95 mm

DOUBLE ACTION RUBBER BUFFER

Code	Speed m/s
ERB-4S	0,63
Impact Force N	Buffer Stroke (Single Buffer)mm
21140	110



**SILENT SYNCHRONIZATION
OF YOUR CABIN
& CAR FRAME**

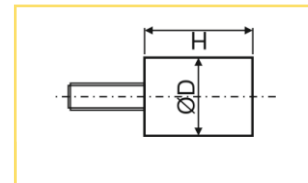
ISOLATOR



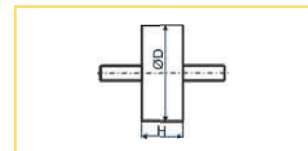
- **PLATFORM RUBBER**
- **CABIN STEADIER RUBBER**
- **MACHINE BASE RUBBER**

ISOLATORS

CODE	HARDNESS sh	D mm	H mm	PIN	STROKE Y mm	LOAD daN
ERB-A3	sh65	56	38	M10x23x23	280	3.8
ERB-A6	sh65	75	30	M12x28x23	455	3.5

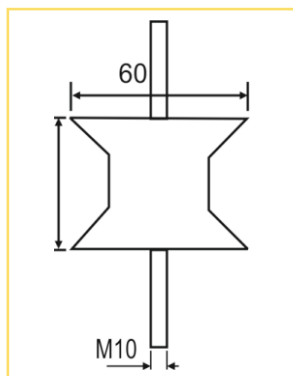


CODE	HARDNESS sh	D mm	H mm	PIN	S Y mm	L daN
ERB-A4	sh65	40	32	M10x22	200	3

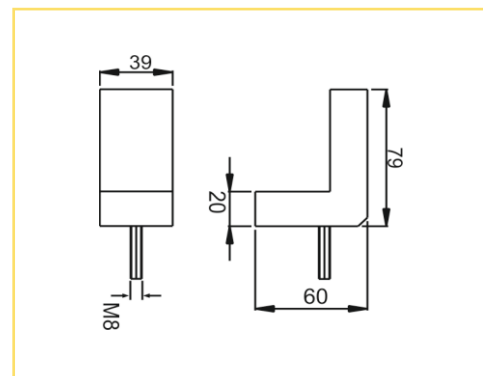


STEADIER BUFFER

CODE -ERB-V

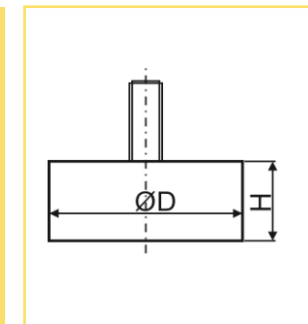


CODE -ERB-L



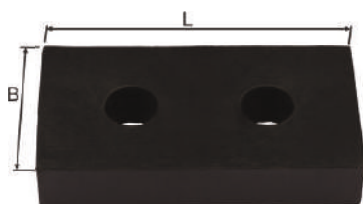
MACHINE BASE RUBBER

CODE	HARDNESS sh	D mm	H mm	PIN	S Y mm	L daN
ERB- H	sh65	110	29	M14x37	1000	7
ERB- N	sh65	100	50	M14x55	1000	7



MACHINE BASE RUBBER

Base rubber with 2 hole
L-140 x B-75 x Thk - 25



Load daN 1000 for bed plates

Base rubber
L-150 x B-108 x Thk - 28



Load daN 1000 for bed plates

Base rubber with 1 hole
L-75 x B-75 x Thk - 24



THE SHAFT IS YOURS
LET US FIX THE
BRACKETS

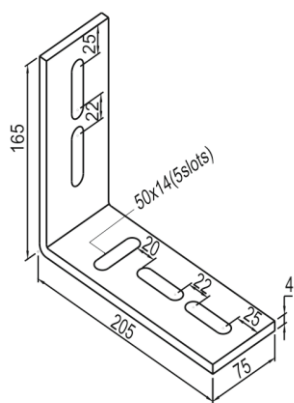
BRACKETS & ACCESSORIES



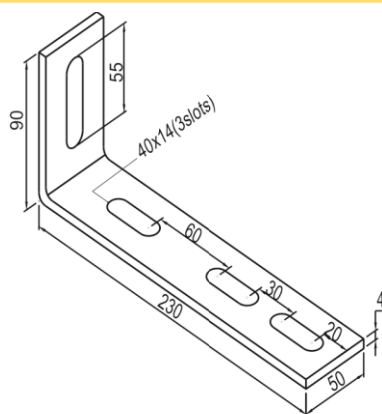
- ADJUSTABLE BALL BRACKET
- COMBINATION
- DOOR BRACKET



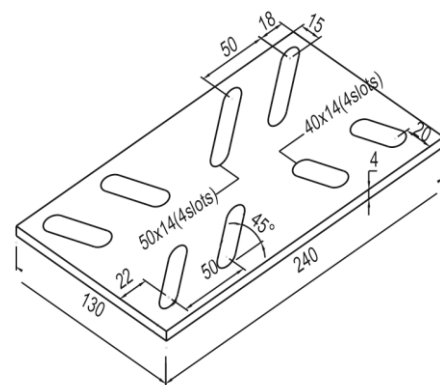
ELEVATOR BRACKETS



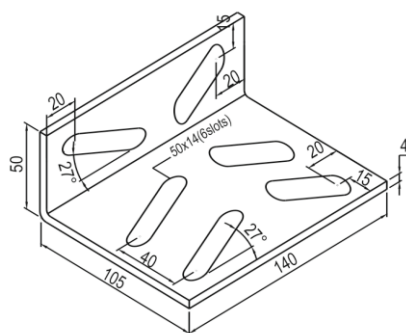
EBR 1



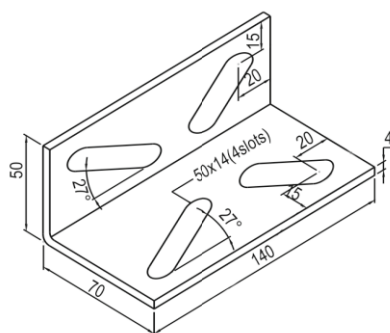
EBR 2



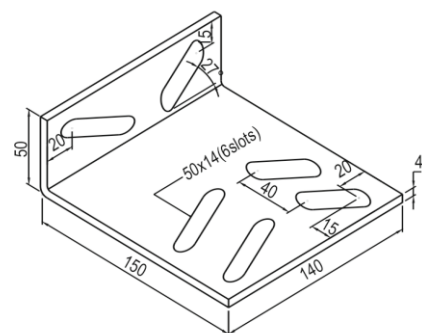
EBR 3



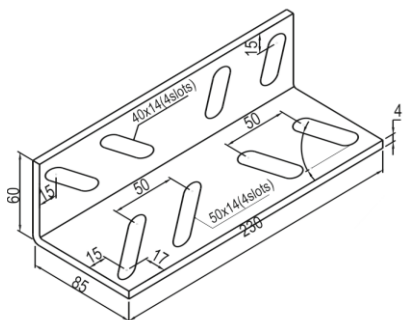
EBR 4



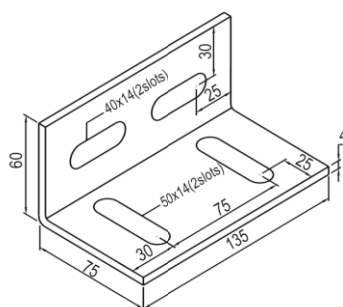
EBR 4M



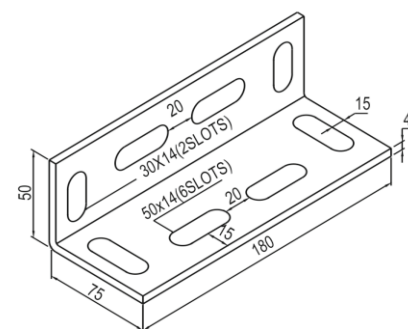
EBR 5



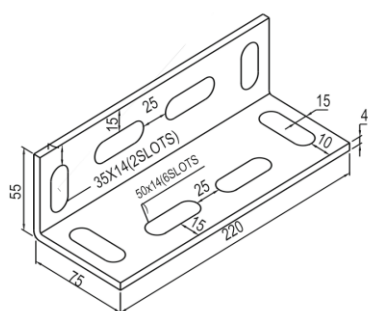
EBR 6



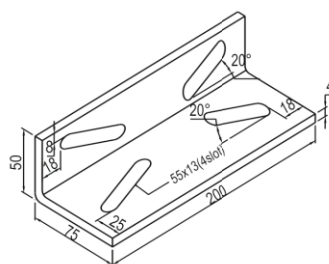
EBR 7



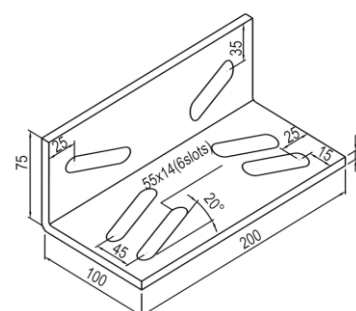
EBR N1



EBR N2

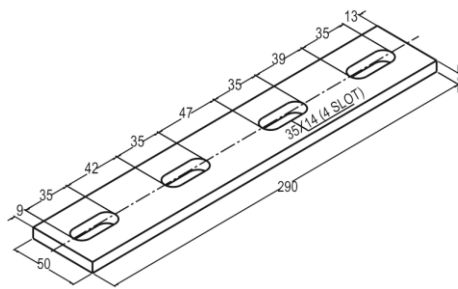


EBR AR1

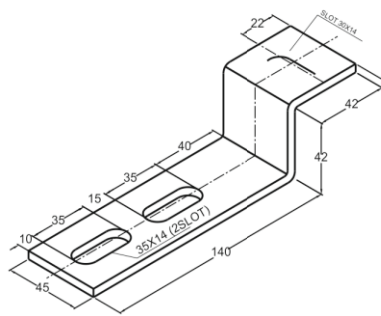


EBR AR1

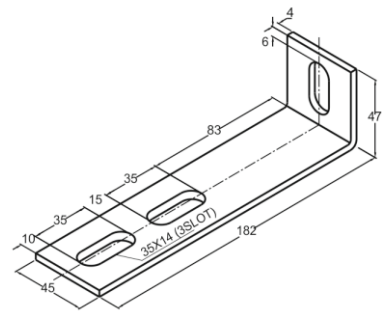
ELEVATOR BRACKETS



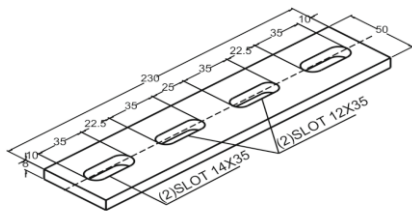
EBR - EF 1 EBR - EF 2 EBR - EF 3



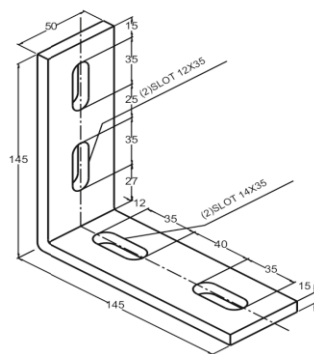
EBR - EF 1 EBR - EF 2 EBR - EF 3



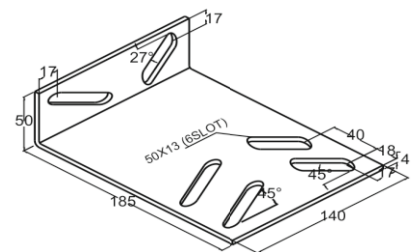
EBR - EF 1 EBR - EF 2 EBR - EF 3



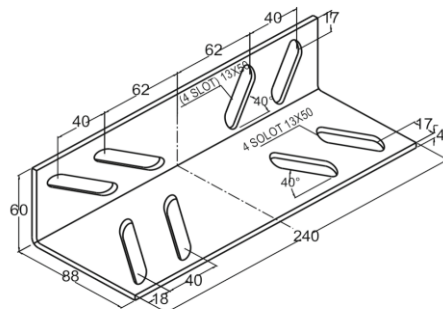
EBR - EF 4 EBR - EF 5 EBR - SE 1



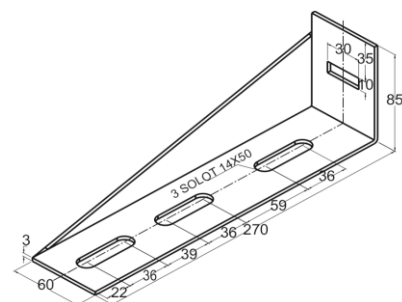
EBR - EF 4 EBR - EF 5 EBR - SE 1



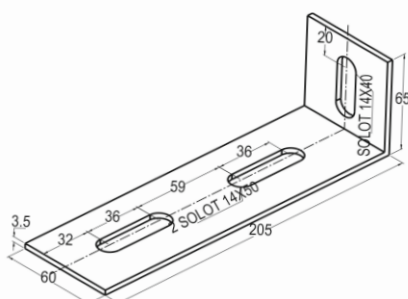
EBR - EF 4 EBR - EF 5 EBR - SE 1



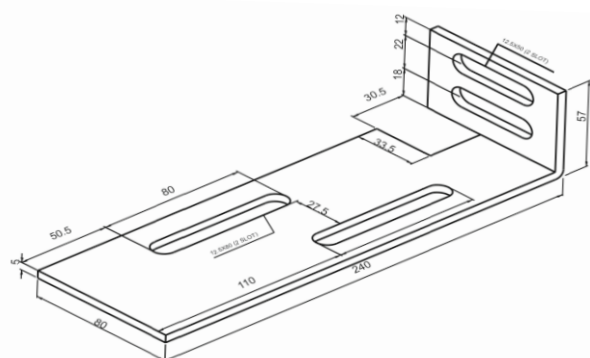
EBR - SE 2 EBR - SE 3



EBR - SE 2 EBR - SE 3

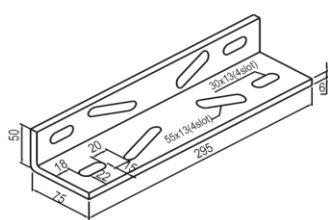


EBR - SE 4 EBR - AE

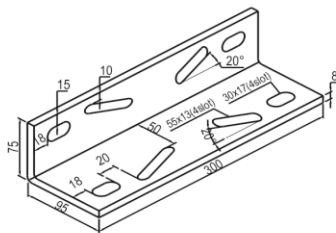


EBR - SE 4 EBR - AE

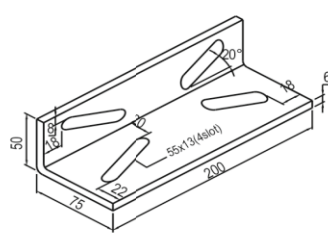
ELEVATOR BRACKETS



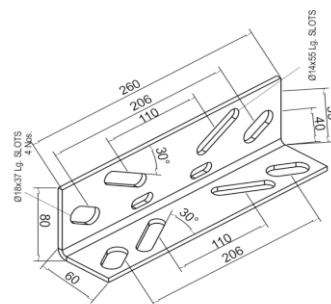
EBR AC2



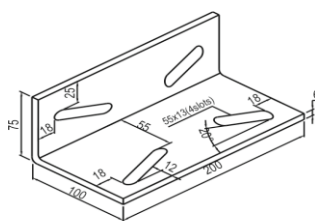
EBR AC2X



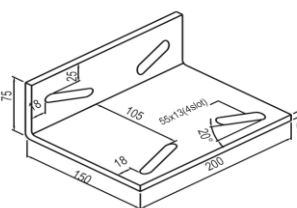
EBR AD1



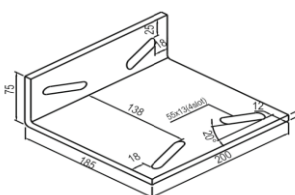
EBRETA



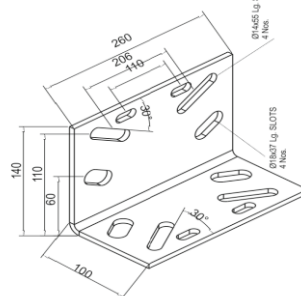
EBR AD2



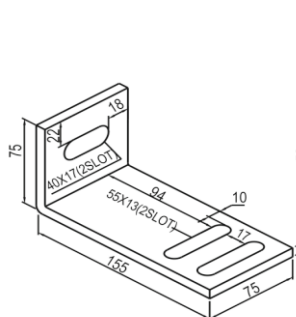
EBR AD3



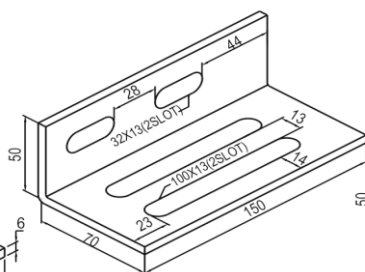
EBR AD3X



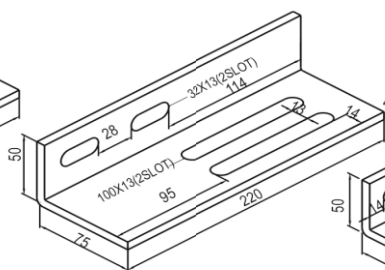
EBRETB



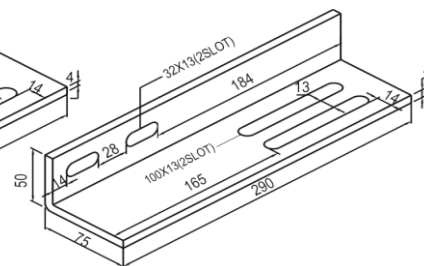
EBR CWB



EBR CW1(L/R)

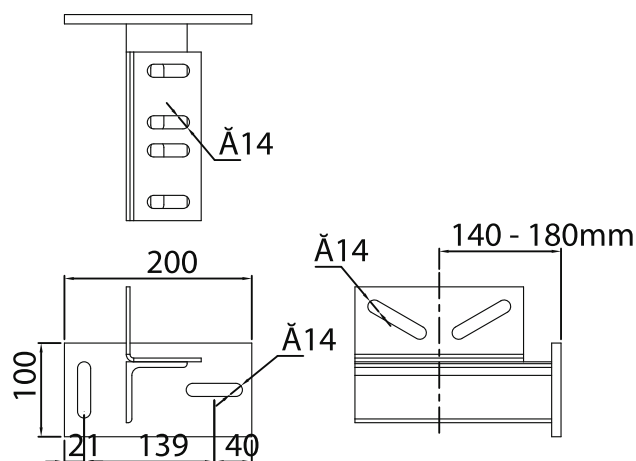
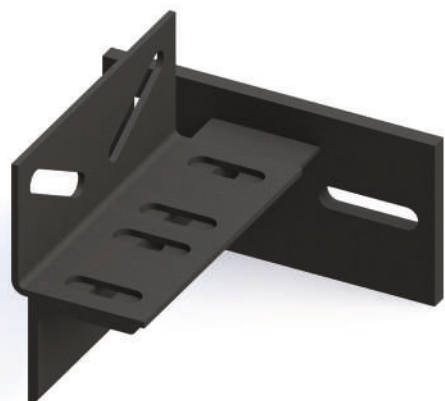


EBR CW2(L/R)



EBR CW3(L/R)

HYDRAULIC BRACKET CODE - EBRHYD



BRACKET & ACCESSORIES

COMBINATION BRACKET TYPE A



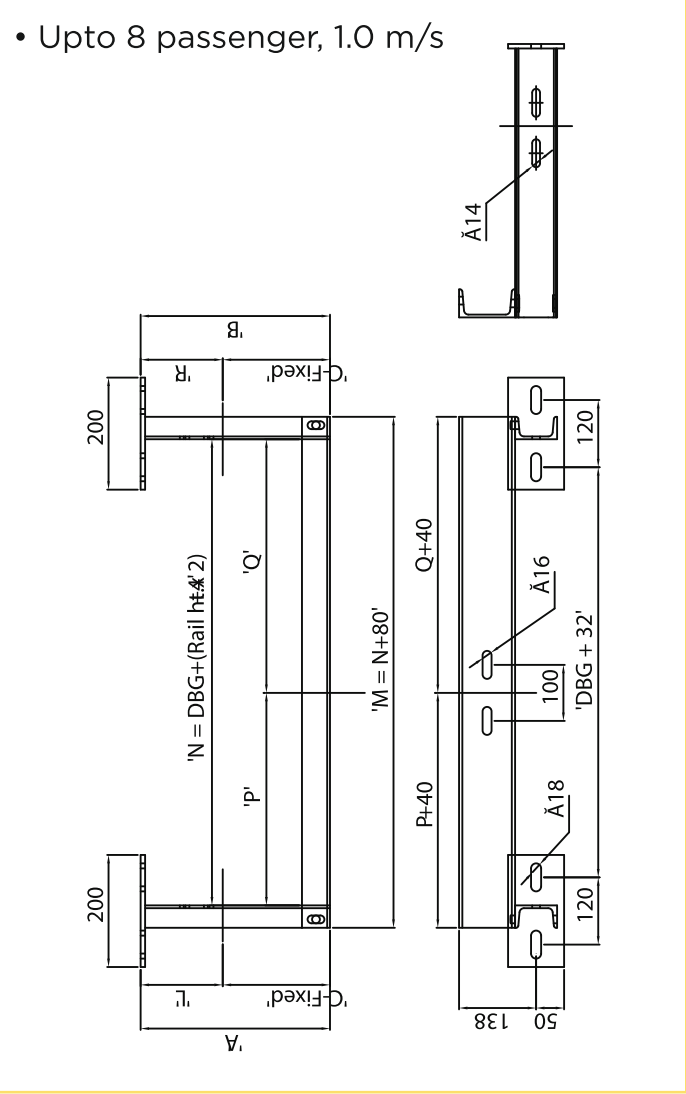
CODE - EBRCOMBA

COMBINATION BRACKET TYPE B

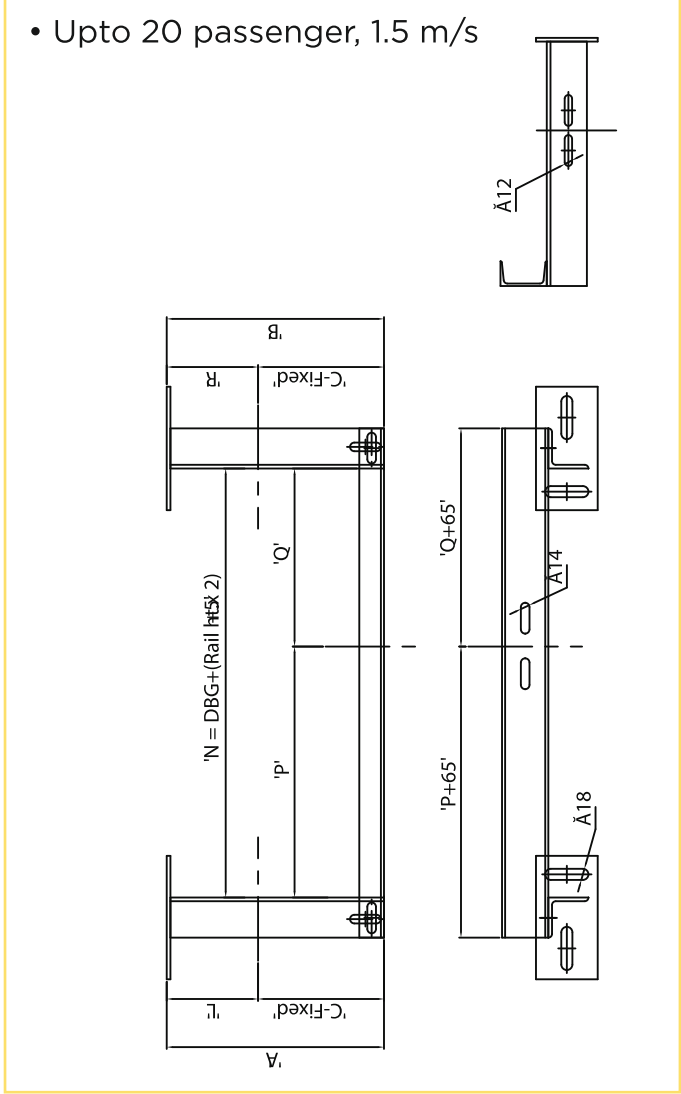


CODE - EBRCOMBB

- Upto 8 passenger, 1.0 m/s



- Upto 20 passenger, 1.5 m/s



ADJUSTABLE COMBINATION BRACKETS



CODE	CWT DBG	CAR READING
EBRCOMBC	700 - 1100	290 - 430
EBRCOMBD	1320 - 1650	290 - 430

CODE	CWT DBG	CAR READING
EBRCOMBC	700 - 1100	290 - 430
EBRCOMBD	1320 - 1650	290 - 430

RAIL CLIPS

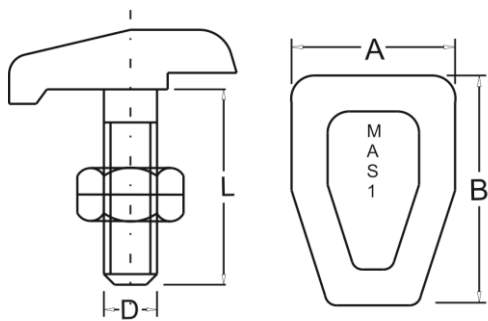
FORGED RAIL CLIP



CODE - ERC

Available Finish

- White Zinc Passivated
- Yellow Zinc Passivated
- Anodised



CODE	D mm	A mm	B mm	L mm
ERC 10	M 10	25	32	25
ERC 12	M 12	25	39	28
ERC 14	M 14	30	45	36
ERC 16	M 16	35	50	45
ERC 18	M 18	35	55	45

CODE - ESRC

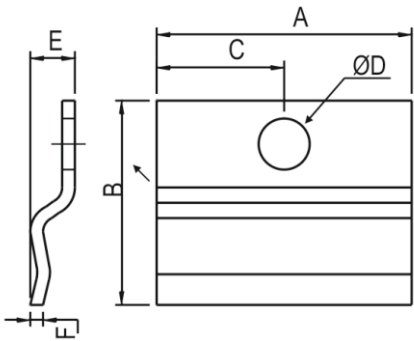
Available Finish

- White Zinc Passivated
- Yellow Zinc Passivated

SHEET METAL RAIL CLIP



CODE	ESRC - 1	ESRC - 2
A	50	60
B	40	50
C	25	30
D	10.5	12.5
E	7	9
F	3	3



AUTO DOOR ACCESSORIES

CODE - ECF



CODE - ECS



KEYS



EKR



EKL

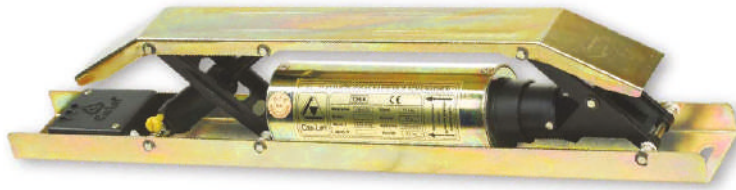


EKD



EKT

MANUAL DOOR ACCESSORIES



CODE - ERC-HYD

HYDRAULIC RETIRING CAM

CODE - ERC-MECH

MECHANICAL RETIRING CAM



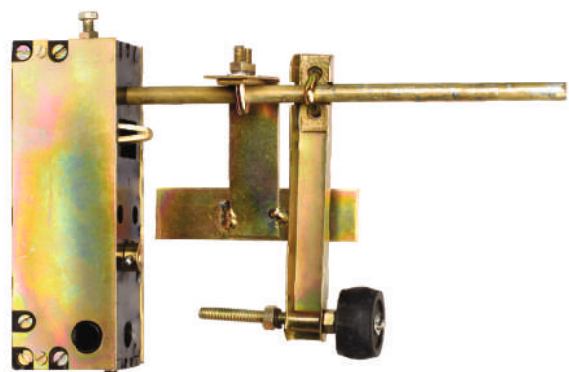
CODE - EGL-DC

DOUBLE CONTACT GATE LOCK



CODE - EGL-SC

SINGLE CONTACT GATE LOCK



CODE - EDCHYD

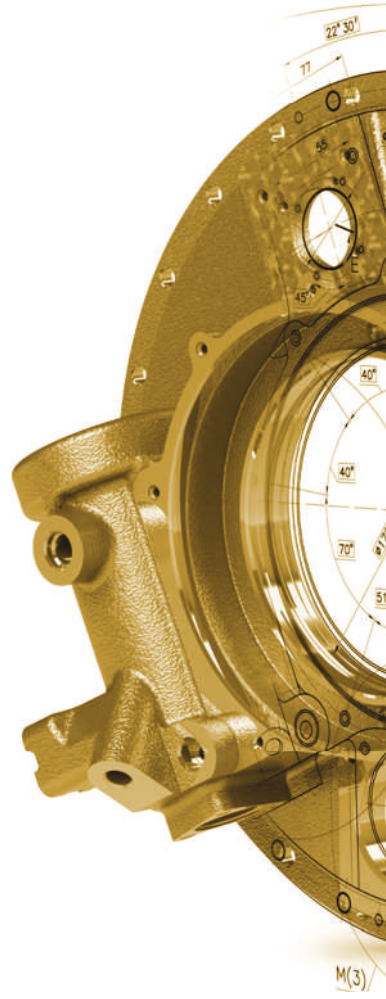
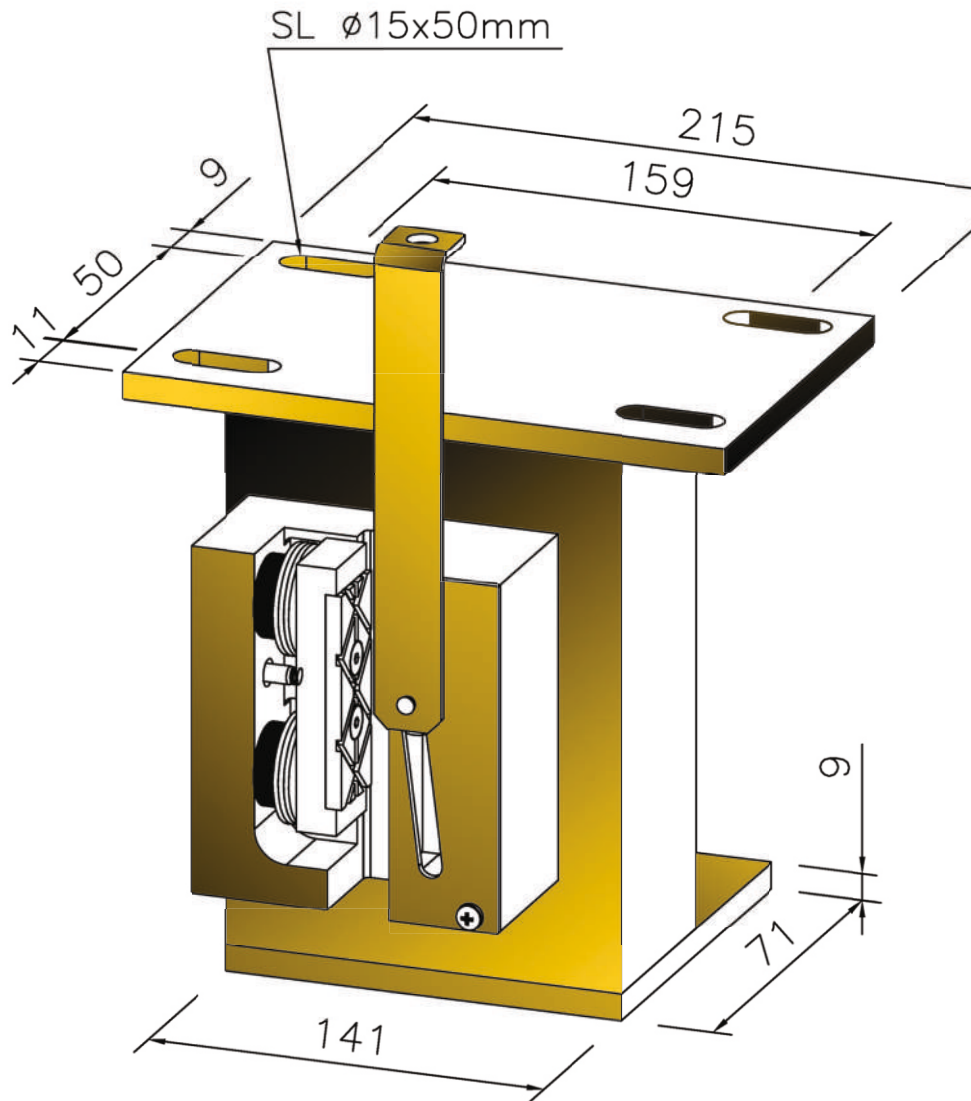
HYDRAULIC DOOR CLOSER





ESG-1S

S
B



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