

# Suspension Arm System



**MULTIPLIESTHEEXPERIENCE**

Release 1.EN



# The values of a cohesive group

## BECAUSE WE BELIEVE IN WHAT WE CREATE TOGETHER EVERY DAY

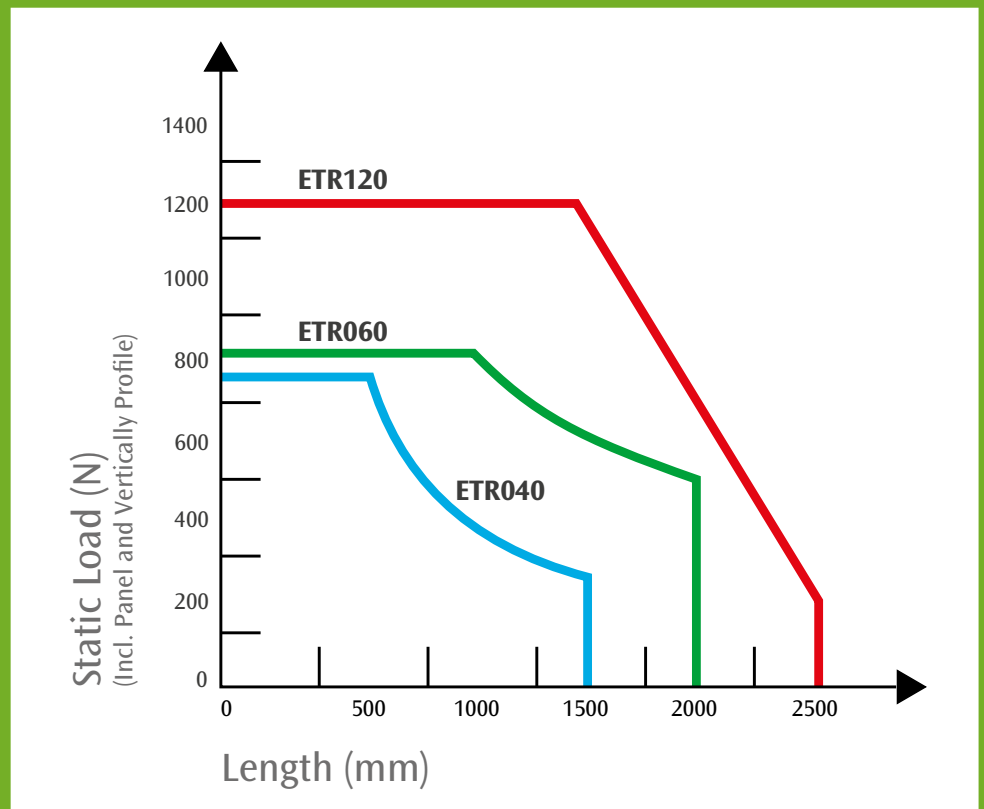
Founded in 1978, in Italy, with 40 years of experience in steel, stainless steel and extruded aluminium production, more than 200 operating staff and 30 million euro turnover, ETA Group represents a safe and recognized benchmark for the global enclosures market as a manufacturer of high quality innovative solutions for Industrial automation, Harsh environments, LV Power distribution and Information technology.

## A STRATEGIC PARTNERSHIP TO WIDEN OUR PRODUCT OFFERING FOR INDUSTRIAL AUTOMATION

Further to a careful selection process based on vision and corporate values, ETA has finalized a partnership agreement with one of the most prominent European companies in designing, manufacturing and supplying suspension arm systems: ETA and this company share the values of innovation, quality, product and service flexibility.

ETA enriches its offer of Industrial Automation Solutions thanks to these 3 ranges of ETR suspension systems, suitable for different application requirements.

## Load diagram for various ETA Profile Systems





# ETR120 Series Product List

	MODEL NO	COMPONENT	ROTATABLE	FIX	LENGTH (mm)	WEIGHT (gr)	COLOR NO. RAL NO.	PACKAGE
	ETR120025	120 Support Profile - 250 mm			250	1.950	7035	1
	ETR120050	120 Support Profile - 500 mm			500	3.900	7035	1
	ETR120075	120 Support Profile - 750 mm			750	5.850	7035	1
	ETR120100	120 Support Profile - 1000 mm			1000	7.800	7035	1
	ETR120125	120 Support Profile - 1250 mm			1250	9.750	7035	1
	ETR120150	120 Support Profile - 1500 mm			1500	11.700	7035	1
	ETR120175	120 Support Profile - 1750 mm			1750	13.650	7035	1
	ETR120200	120 Support Profile - 2000 mm			2000	15.600	7035	1
	ETR120310	Ø 130 mm 310° Rotatable Panel Coupling	X			1.315	7035	1
	ETR120320	Ø 130 mm 310° Rotatable 90° Panel Angle Coupling	X			2.365	7035 5020	1
	ETR120330	90° Angle Piece		X		1.650	7035 5020	1
	ETR120340	315° (± 150°) Rotatable Intermediate Hinge	X			5.600	7035 5020	1
	ETR120350	315° (± 150°) Rotatable Top Mounted 90° Angle Joint	X			5.710	7035 5020	1
	ETR120360	315° (± 150°) Rotatable Top Mounted Vertical Outlet	X			4.820	7035 5020	1
	ETR120370	315° (± 150°) Rotatable Wall-Mounted Hinge. Horizontal Outlet	X			6.605	7035 5020	1
	ETR120380	315° (± 150°) Rotatable Wall-Mounted Hinge. Vertical Outlet	X			5.765	7035 5020	1
	ETR120390	Wall/Socket Mounting Bracket		X		826	7035 5020	1
	ETR120400	120/060 Support Arm Reducer		X		560	7035	1
	ETR120410	310° Rotatable ± 40° Tilting Panel Coupling With Tilting Adaptor	X			3.500	7035 7016	1
	ETR120430	Warning Lamp Cover		X		226	5020	1

















# ETR060 Series Product List

	MODEL NO	COMPONENT	ROTATABLE	FIX	LENGTH (mm)	WEIGHT (gr)	COLOR NO. RAL NO.	PACKAGE
	ETR060025	60 Support Profile - 250 mm			250	950	7035	1
	ETR060050	60 Support Profile - 500 mm			500	1.900	7035	1
	ETR060075	60 Support Profile - 750 mm			750	2.820	7035	1
	ETR060100	60 Support Profile - 1000 mm			1000	3.770	7035	1
	ETR060125	60 Support Profile - 1250 mm			1250	4.720	7035	1
	ETR060150	60 Support Profile - 1500 mm			1500	5.670	7035	1
	ETR060175	60 Support Profile - 1750 mm			1750	6.620	7035	1
	ETR060200	60 Support Profile - 2000 mm			2000	7.570	7035	1
	ETR060310	Ø 130 mm 310° Rotatable Panel Coupling	X			1.260	7035	1
	ETR060320	Ø 130 mm 310° Rotatable 90° Panel Angle Coupling	X			1.700	7035 5020	1
	ETR060330	90° Angle Piece		X		660	7035 5020	1
	ETR060340	315° (± 150°) Rotatable Intermediate Hinge	X			2.075	7035 5020	1
	ETR060350	315° (± 150°) Rotatable Top Mounted 90° Angle Joint.	X			2.110	7035 5020	1
	ETR060360	315° (± 150°) Rotatable Top Mounted Vertical Outlet	X			1.770	7035 5020	1
	ETR060370	315° (± 150°) Rotatable Wall-Mounted Hinge. Horizontal Outlet	X			2.460	7035 5020	1
	ETR060380	315° (± 150°) Rotatable Wall-Mounted Hinge. Vertical Outlet	X			2.220	7035 5020	1
	ETR060390	Wall/Socket Mounting Bracket		X		320	7035 5020	1
	ETR060400	350° Moveable Panel Adaptor 118 x 65.5 mm	X			735	7035	1
	ETR060410	+30° / -40° Tilting Panel Tilting Adaptor 125 x 70 mm		X		460	7035 7016	1
	ETR060420	310° Rotatable ± 40° Tilting Panel Coupling With Tilting Adaptor	X			3.500	7035 7016	1
	ETR060430	Warning Lamp Cover		X		150	5020	1



# ETR040 Series Product List

	MODEL NO	COMPONENT	ROTATABLE	FIX	LENGTH (mm)	WEIGHT (gr)	COLOR NO. RAL NO.	PACKAGE
	ETR040025	40 Support Profile - 250 mm			250	520	7035	1
	ETR040050	40 Support Profile - 500 mm			500	1.040	7035	1
	ETR040075	40 Support Profile - 750 mm			750	1.560	7035	1
	ETR040100	40 Support Profile - 1000 mm			1000	2.080	7035	1
	ETR040125	40 Support Profile - 1250 mm			1250	2.600	7035	1
	ETR040150	40 Support Profile - 1500 mm			1500	3.120	7035	1
	ETR040175	40 Support Profile - 1750 mm			1750	3.640	7035	1
	ETR040200	40 Support Profile - 2000 mm			2000	4.160	7035	1
	ETR040310	Ø 136 mm 340° Rotatable Panel Coupling	X			1.925	7035	1
	ETR040320	Ø 136 mm 340° Rotatable 90° Panel Angle Coupling	X			2.440	7035 5020	1
	ETR040330	90° Angle Piece		X		518	7035 5020	1
	ETR040340	90° Horizontal Angle Piece		X		400	7035 5020	1
	ETR040350	340° (± 170°) Rotatable Intermediate Hinge	X			3.100	7035 5020	1
	ETR040360	340° (± 170°) Rotatable Top Mounted 90° Angle Joint.	X			3.290	7035 5020	1
	ETR040370	340° (± 170°) Rotatable Top Mounted Vertical Outlet	X			2.563	7035	1
	ETR040380	340° (± 170°) Rotatable Wall-Mounted Hinge. Horizontal Outlet	X			3.380	7035 5020	1
	ETR040390	340° (± 170°) Rotatable Wall-Mounted Hinge. Vertical Outlet	X			1.920	7035	1
	ETR040400	Wall/Socket Mounting Bracket		X		533	7035	1
	ETR040410	90° Wall Mounted Joint		X		800	7035 5020	1
	ETR040420	340° (± 170°) Rotatable Wall/Base-Panel Mounting Joint	X			2.463	7035	1
	ETR040430	340° Rotatable ± 40° Tilting Panel Coupling With Tilting Adaptor	X			3.500	7035 7016	1
	ETR040450	340° Rotatable ± 40° Tilting Top Mounted Panel Coupling With Tilting Adaptor	X			3.970	7035 7016	1



# ETR120

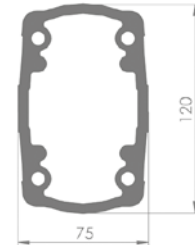
## Technical Features



### ETR120025 Support Arm Profile

Length (mm)	250
Weight (gr)	1.950
Colour No.	7035
Package	1
Package Size (mm)	80 x 130 x 260

Support Arm Profile Length (mm)  
250 - 500 - 750 - 1000 - 1250 - 1500 - 1750 - 2000



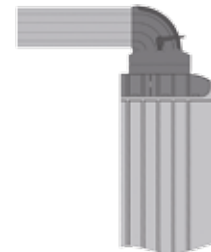
### ETR120310 Rotatable Panel Coupling

Weight (gr)	1.315
Colour No.	7035
Package	1
Package Size (mm)	150 x 65 x 135
Diameter (mm)	Ø 130
Rotate	310°



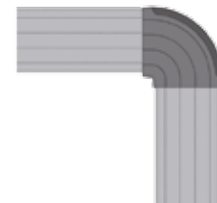
### ETR120320 Rotatable 90° Panel Angle Coupling

Weight (gr)	2.365
Colour No.	7035 / 5020
Package	1
Package Size (mm)	215 x 145 x 170
Diameter (mm)	Ø 130
Rotate	310°



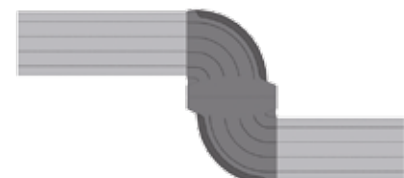
### ETR120330 90° Angle Piece

Weight (gr)	1.650
Colour No.	7035 / 5020
Package	1
Package Size (mm)	165 x 100 x 160
Rotate	Fixed



### ETR120340 Rotatable Intermediate Hinge

Weight (gr)	5.600
Colour No.	7035 / 5020
Package	1
Package Size (mm)	355 x 175 x 175
Rotate	315°





### ETR120350

### Rotatable Top Mounted 90° Angle Joint

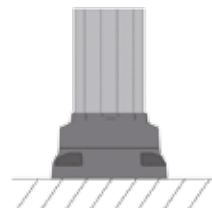
Weight (gr)	5.710
Colour No.	7035 / 5020
Package	1
Package Size (mm)	210 x 240 x 205
Rotate	315°



### ETR120360

### Rotatable Top Mounted Vertical Outlet

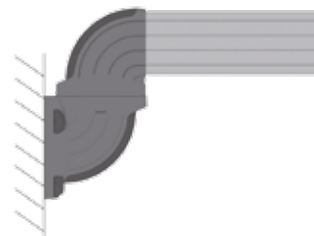
Weight (gr)	4.820
Colour No.	7035 / 5020
Package	1
Package Size (mm)	220 x 120 x 210
Rotate	315°



### ETR120370

### Rotatable Wall-Mounted Hinge. Horizontal Outlet

Weight (gr)	6.605
Colour No.	7035 / 5020
Package	1
Package Size (mm)	380 x 200 x 210
Rotate	315°



### ETR120380

### Rotatable Wall-Mounted Hinge. Vertical Outlet

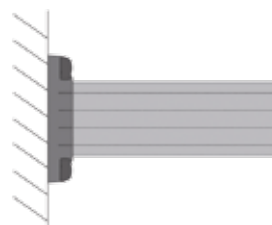
Weight (gr)	5.765
Colour No.	7035 / 5020
Package	1
Package Size (mm)	280 x 200 x 205
Rotate	315°



### ETR120390

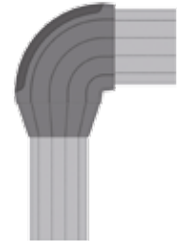
### Wall/Socket Mounting Bracket

Weight (gr)	826
Colour No.	7035 / 5020
Package	1
Package Size (mm)	220 x 50 x 105
Rotate	Fixed



**ETR120400****120/060 Support Arm Reducer**

Weight (gr)	560
Colour No.	7035
Package	1
Package Size (mm)	135 x 70 x 90
Rotate	Fixed

**ETR120410****Panel Coupling With Tilting Adaptor**

Weight (gr)	3.500
Colour No.	7035 / 7016
Package	1
Package Size (mm)	140 x 140 x 160
Diameter (mm)	Ø 130
Rotate	310°

**ETR120430****Warning Lamp Cover**

Weight (gr)	230
Colour No.	5020
Package	1
Package Size (mm)	205 x 50 x 95
Rotate	Fixed







# ETR060

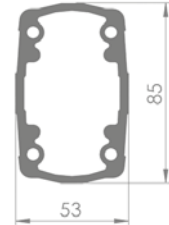
## Technical Features



### ETR060025 Support Arm Profile

Lenght (mm)	250
Weight (gr)	1.260
Colour No.	7035
Package	1
Package Size (mm)	90 x 55 x 255

Support Arm Profile Lenght (mm)  
250 - 500 - 750 - 1000 - 1250 - 1500 - 1750 - 2000



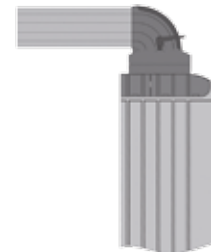
### ETR060310 Rotatable Panel Coupling

Weight (gr)	1.260
Colour No.	7035
Package	1
Package Size (mm)	150 x 60 x 140
Diameter (mm)	Ø 130
Rotate	310°



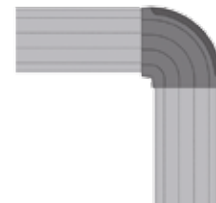
### ETR060320 Rotatable 90° Panel Angle Coupling

Weight (gr)	1.777
Colour No.	7035 / 5020
Package	1
Package Size (mm)	145 x 150 x 140
Diameter (mm)	Ø 130
Rotate	310°



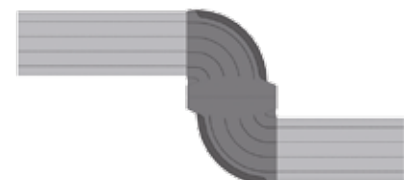
### ETR060330 90° Angle Piece

Weight (gr)	654
Colour No.	7035 / 5020
Package	1
Package Size (mm)	165 x 75 x 125
Rotate	Fixed



### ETR060340 Rotatable Intermediate Hinge

Weight (gr)	2.060
Colour No.	7035 / 5020
Package	1
Package Size (mm)	245 x 130 x 125
Rotate	315°

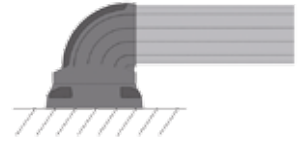




### ETR060350

### Rotatable Top Mounted 90° Angle Joint

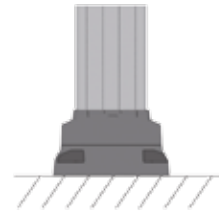
Weight (gr)	2.108
Colour No.	7035 / 5020
Package	1
Package Size (mm)	155 x 160 x 145
Rotate	315°



### ETR060360

### Rotatable Top Mounted Vertical Outlet

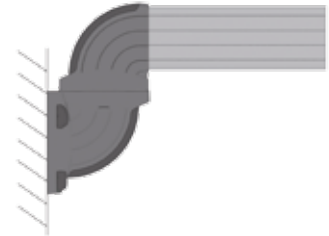
Weight (gr)	1.763
Colour No.	7035 / 5020
Package	1
Package Size (mm)	155 x 85 x 140
Rotate	315°



### ETR060370

### Rotatable Wall-Mounted Hinge. Horizontal Outlet

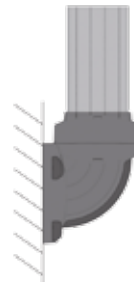
Weight (gr)	2.440
Colour No.	7035 / 5020
Package	1
Package Size (mm)	275 x 140 x 145
Rotate	315°



### ETR060380

### Rotatable Wall-Mounted Hinge. Vertical Outlet

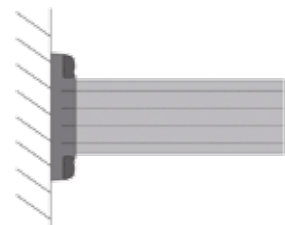
Weight (gr)	2.130
Colour No.	7035 / 5020
Package	1
Package Size (mm)	200 x 140 x 145
Rotate	315°



### ETR060390

### Wall/Socket Mounting Bracket

Weight (gr)	312
Colour No.	7035 / 5020
Package	1
Package Size (mm)	160 x 35 x 80
Rotate	Fixed





### ETR060400

### Moveable Panel Adaptor

Weight (gr)	735
Colour No.	7035
Package	1
Package Size (mm)	135 x 65 x 110
Rotate	350°



### ETR060410

### Panel Tilting Adaptor

Weight (gr)	460
Colour No.	7035 / 7016
Package	1
Package Size (mm)	155 x 85 x 110
Rotate	+30° / -40°



### ETR060420

### Panel Coupling With Tilting Adaptor

Weight (gr)	3.500
Colour No.	7035 / 7016
Package	1
Package Size (mm)	140 x 140 x 160
Diameter (mm)	Ø 130
Rotate	310°



### ETR060430

### Warning Lamp Cover

Weight (gr)	150
Colour No.	5020
Package	1
Package Size (mm)	130 x 65 x 110
Rotate	Fixed





# ETR040

## Technical Features



### ETR040025 Support Arm Profile

Lenght (mm)	250
Weight (gr)	550
Colour No.	7035
Package	1
Package Size (mm)	45 x 75 x 255

Support Arm Profile Lenght (mm)  
250 - 500 - 750 - 1000 - 1250 - 1500 - 1750 - 2000



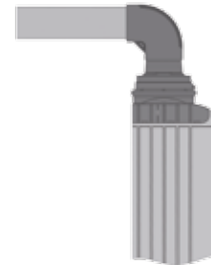
### ETR040310 Rotatable Panel Coupling

Weight (gr)	1.925
Colour No.	7035
Package	1
Package Size (mm)	150 x 95 x 140
Diameter (mm)	Ø 136
Rotate	340°



### ETR060320 Rotatable 90° Panel Angle Coupling

Weight (gr)	2.440
Colour No.	7035 / 5020
Package	1
Package Size (mm)	150 x 220 x 150
Diameter (mm)	Ø 130
Rotate	340°



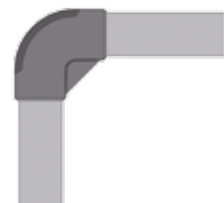
### ETR060330 90° Angle Piece

Weight (gr)	518
Colour No.	7035 / 5020
Package	1
Package Size (mm)	180 x 55 x 110
Rotate	Fixed



### ETR060340 90° Horizontal Angle Piece

Weight (gr)	400
Colour No.	7035 / 5020
Package	1
Package Size (mm)	135 x 80 x 85
Rotate	Fixed

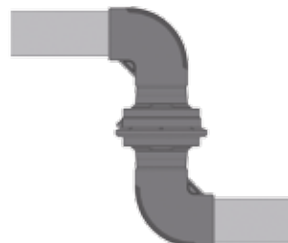




### ETR040350

### Rotatable Intermediate Hinge

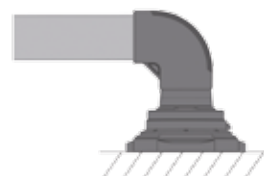
Weight (gr)	3.100
Colour No.	7035 / 5020
Package	1
Package Size (mm)	365 x 150 x 140
Rotate	340°



### ETR040360

### Rotatable Top Mounted 90° Angle Joint

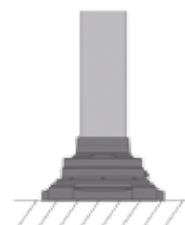
Weight (gr)	3.290
Colour No.	7035 / 5020
Package	1
Package Size (mm)	190 x 235 x 195
Rotate	340°



### ETR040370

### Rotatable Top Mounted Vertical Outlet

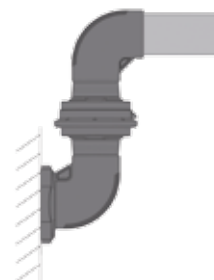
Weight (gr)	2.563
Colour No.	7035
Package	1
Package Size (mm)	195 x 95 x 185
Rotate	340°



### ETR040380

### Rotatable Wall-Mounted Hinge. Horizontal Outlet

Weight (gr)	3.380
Colour No.	7035 / 5020
Package	1
Package Size (mm)	390 x 160 x 140
Rotate	340°



### ETR040390

### Rotatable Wall-Mounted Hinge. Vertical Outlet

Weight (gr)	1.920
Colour No.	7035 / 5020
Package	1
Package Size (mm)	285 x 135 x 165
Rotate	340°





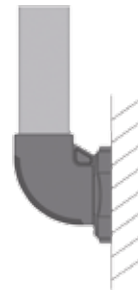
**ETR040400** Wall-Socket Mounting Bracket

Weight (gr)	533
Colour No.	7035
Package	1
Package Size (mm)	120 x 50 x 135
Rotate	Fixed



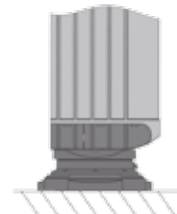
**ETR040410** 90° Wall Mounted Joint

Weight (gr)	800
Colour No.	7035 / 5020
Package	1
Package Size (mm)	180 x 55 x 110
Rotate	Fixed



**ETR040420** Rotatable Wall/Base-Panel Mounting Joint

Weight (gr)	2.463
Colour No.	7035
Package	1
Package Size (mm)	195 x 65 x 185
Diameter (mm)	Ø 136
Rotate	340°



**ETR040430** Panel Coupling With Tilting

Weight (gr)	3.500
Colour No.	7035 / 7016
Package	1
Package Size (mm)	140 x 140 x 160
Diameter (mm)	Ø 136



**ETR040450** Machine Top Mounted Panel Coupling With Tilting Adaptor

Weight (gr)	3.970
Colour No.	7035 / 7016
Package	1
Package Size (mm)	140 x 140 x 160
Diameter (mm)	Ø 136





## SUPPORT ARM SYSTEM



The structure of the support arm system is defined by machine size, enclosure dimensions and enclosure weight, the number of connection elements (used as few different components) and the profile lengths.

ETA offers various solutions for different load capacities

**ETR040** (400N Load Capacity)

**ETR060** (800N Load Capacity)

**ETR120** (1200N Load Capacity)

(Load capacity is defined for a total of 1 meter profile including enclosure)



# MULTIPLIESTHEEXPERIENCE



**INDUSTRIAL  
AUTOMATION**



**HARSH  
ENVIRONMENTS**



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