

Latches

with Catch Mechanisms / Rotary / Spring Loaded

Latches with Catch Mechanisms

STYC

The latches click when open at 160° before being fixed by the catch mechanism.
The catch mechanism can be released when firmly pushed at the ends of the latches (e.g. with hands).
⊕ The Latches do not have a locking and fixing mechanism.
⊕ The drawing is for left-hand use.

No.	Part Name	Material	Surface Treatment
(1)	Main Body	Steel	Chrome Plating
(2)	Washer	Polyamide	—
(3)	Rivet	Brass	Chrome Plating

Part Number	Mass (g)
STYC	125

Part Number Example **STYCR**

Rotary Latches

STYR

⊕ The drawing is for right-hand use. **Material:** Electropolished 304 Stainless Steel

Type	Right & Left	L	(L)	W ₁	W ₂	t ₁	t ₂	Mass (g)
STYR	L For Left Side	150	105	28	23	1.5	10.5	75
	R For Right Side	198	153	28	23	1.5	10.5	85
	L For Left Side	277	231	30	24	2	11	120
	R For Right Side							

Part Number Example **STYRL150**

Spring Loaded Latches

STYSP

⊕ Use this product in pairs.

Part Name	Material	Finish
Main Body	304 Stainless Steel	Brushed
Cap	Polyamide	—

Type	Part Number	H	Max. Length L Max	Min. Length L Min	Stroke	A	Mass (g)	Reactive Force of Stay N(kgf)	
								L Max	L Min
STYSP	170	222	222	172	50	10	145	31.4 (3.2)	68.6 (7.0)
	238	335	335	250	85	20	185	37.2 (3.8)	83.3 (8.5)
	269	380	380	280	100	19	205	35.3 (3.6)	83.3 (8.5)

⊕ The main body and the bracket can be used on both right and left sides.

Application Example

Example of STYSP

Features

When the door/lid is opened or closed, it will automatically stop at the preset position by the action of the spring.
An extra stroke or action is not required.
⊕ The mounting example shows the distance from the rotation center of hinge.
⊕ When the door/lid is closed, L min dimension must be larger than the minimum dimension of contraction. (If L min is smaller, the hinge or the latch might be damaged.)

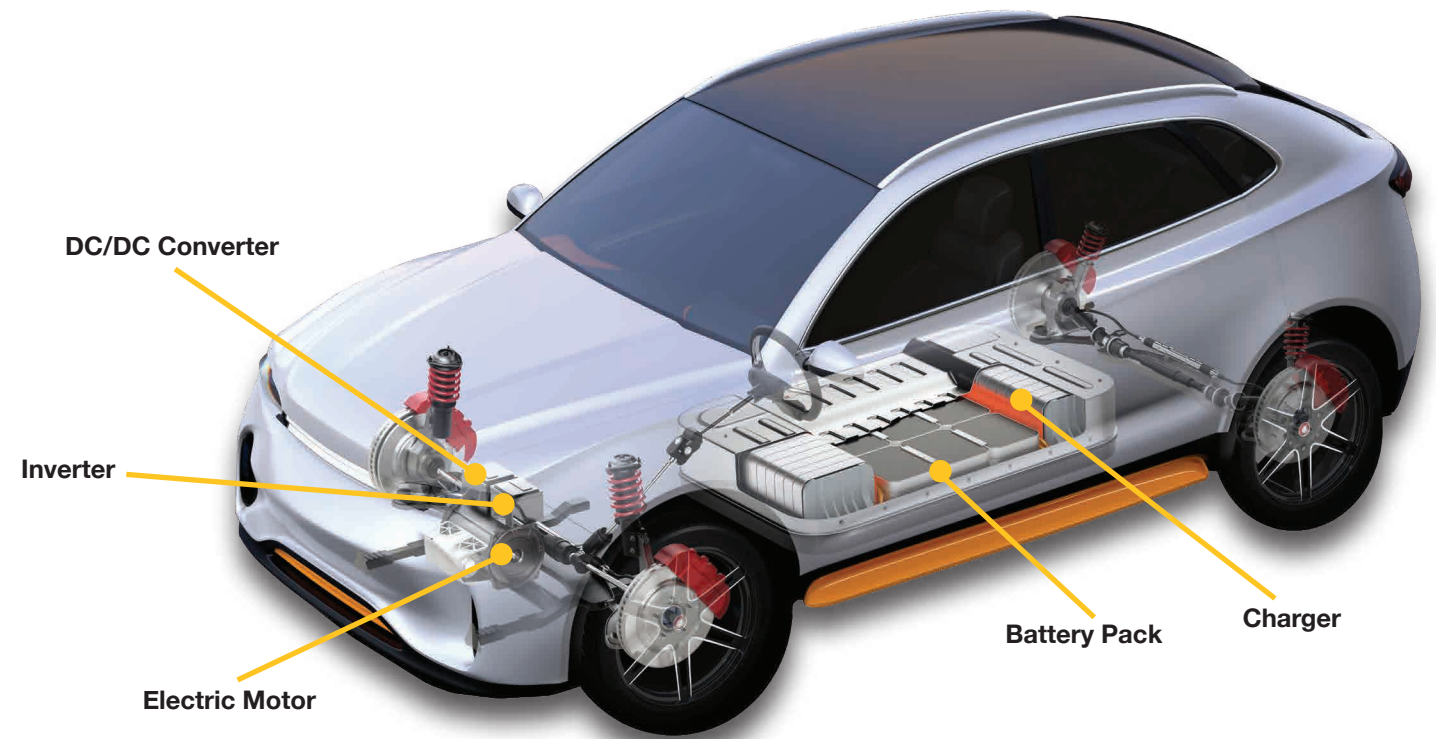
Part Number Example **STYSP170**

Type	Mass of Door (kg)	Angle of Open Door	L max	A	Y
STYSP170 Two Latches, Right & Left	2.4 or Less	90		58	235.9
	2.6 or Less	85	222	63	240.4
	3.0 or Less	75		75	251.5
STYSP238 Two Latches, Right & Left	2.9 or Less	90		90	334.5
	3.1 or Less	85	335	97	351.4
	3.6 or Less	75		115	368.1
STYSP269 Two Latches, Right & Left	3.1 or Less	90		103	386.9
	3.3 or Less	85	380	111	394.6
	3.9 or Less	75		131	413.7



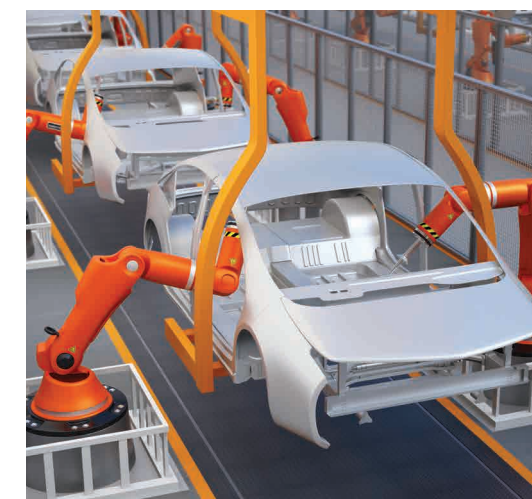
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