

Stroke applicators HQ 4114, HQ 4116

Labels very small or midsized can be applied in real time from all sides.

The pad locates in front of the peel-off plate. It picks up a label while it is being printed. Powered by a short stroke cylinder, the pad is brought into position in horizontal direction. The label is transferred to a product by a stroke cylinder. The length of the stroke cylinder defines the maximum distance of a product to the peel-off plate.



Accessories

5.13 **Blow tube**

5.14 **Unit to regulate compressed air**

Options

5.17 **Pressure-reducing valve**

5.18 **Pressure-reduced applicator**

4.2



Stroke applicators	HQ 4114 L/R-200	HQ 4114 L/R-300	HQ 4114 L/R-400	HQ 4114 L/R-600	HQ 4116 L/R-200	HQ 4116 L/R-300	HQ 4116 L/R-400
Label applications	from the top, from below, from the side			from the top	from the top, from below, from the side		
State of a product at rest	■						
at the moment a label is applied in motion				only blow-on pad			
Product heights uniform				only blow-on pad			
variable				all tamp-on pads			
Short stroke cylinder, horizontal mm	10						
Distance of a product to the bottom of the unit up to mm	135	235	335	535	135	235	335
Weight of applicator packaging excluded kg	5	6	7	9	5	6	7,5
Consumption of power W max.				15			
Compressed air bar				4.5			
Cycle rate ¹⁾ labels/min approx.				30			

¹⁾ Calculated using a stroke of 100 mm below the unit, labels 40 mm high, a print speed of 100 mm/s



Tamp-on pad

Labels are precisely tamped on plane surfaces. Recessed levels are possible as well.

Tamp-on pad, providing a damping layer

When applying labels to hard surfaces, the noise level is reduced. It benefits also in cases of rough structures or little unevenness.

Tamp-on pad, providing a label stop

It enables small labels be applied exactly on spot to a product.

Blow-on pad

It benefits when labels have to be applied to sensitive surfaces or products in motion. Labels are blown on by a blast of air. Stroke cylinder adjustment enables bridging distances of 5 to 10 mm to the surface of a product.

			Tamp-on pad	Tamp-on pad, providing a damping layer	Tamp-on pad, providing a label stop	Blow-on pad
Transfer modules			4114, 4116 L/R 11 F	4114, 4116 L/R 12 F	4114, 4116 L/R 61 F	4114 L/R 2100
Label widths	HERMES Q2	mm	4 - 58	10 - 58	10 - 58	10 - 58
	HERMES Q4/Q4.3	mm	10 - 114	10 - 114	10 - 114	10 - 114
	HERMES Q6.3	mm	50 - 174	50 - 174	50 - 174	-
Label heights	HERMES Q2	mm	4 - 80	8 - 80	4 - 80	10 - 80
	HERMES Q4/Q4.3	mm	8 - 80	8 - 80	8 - 80	10 - 80
	HERMES Q6.3	mm	8 - 80	8 - 80	8 - 80	-
Depth of a pad immersing F ²⁾	up to mm		130	130	130	-

²⁾ On the cover HERMES Q2/Q4/Q4.3 cut-out dimension F standard 60 mm, optional 100 mm, upon request up to 110 mm
On the cover HERMES Q6.3 cut-out dimension F standard 25 mm, upon request up to 110 mm

Stroke applicators HQ 4114, HQ 4116

Labels very small or midsized can be applied in real time from all sides.

The pad locates in front of the peel-off plate. It picks up a label while it is being printed. Powered by a short stroke cylinder, the pad is brought into position in horizontal direction. The label is transferred to a product by a stroke cylinder. The length of the stroke cylinder defines the maximum distance of a product to the peel-off plate.



Accessories

- 5.13 **Blow tube**
- 5.14 **Unit to regulate compressed air**



Stroke applicators	HQ 4114 L/R-200	HQ 4114 L/R-300	HQ 4114 L/R-400	HQ 4114 L/R-600	HQ 4116 L/R-200	HQ 4116 L/R-300	HQ 4116 L/R-400
State of a product at the moment a label is applied at rest	■						
Label applications	from the top, from below, from the side			from the top	from the top, from below, from the side		
Product heights variable	■						
Short stroke cylinder, horizontal mm	10						
Distance of a product to the bottom of the unit up to mm	135	235	335	535	135	235	335
Weight of applicator packaging excluded kg	5	5.5	7	9	5.5	6	7.5
Consumption of power W max.	15						
Compressed air bar	4.5						
Cycle rate1) labels/min approx.	20						

¹⁾ Calculated using a stroke of 100 mm below the unit, labels 40 mm high, a print speed of 100 mm/s
If the height of the form pad exceeds 60 mm, the cover of HERMES Q must be adapted.

Form pad

Labels are precisely applied to cylindric objects, inclined or curved surfaces. Curved form pads prevent from blistering on very smooth and plane surfaces. 200° maximum label wrapping on cylindric objects



Transfer module			Form pad
			4114, 4116 L/R 8800
Label widths	HERMES Q2	mm	10 - 58
	HERMES Q4/Q4.3	mm	10 - 114
	HERMES Q6.3	mm	50 - 174
Label heights		mm	8 - 80