

IQ-Smart 53-Alu (AlSi10Mg)

Technical data:

Footprint of cooling area:

53mm x 53mm

Thickness for single side use:

4mm

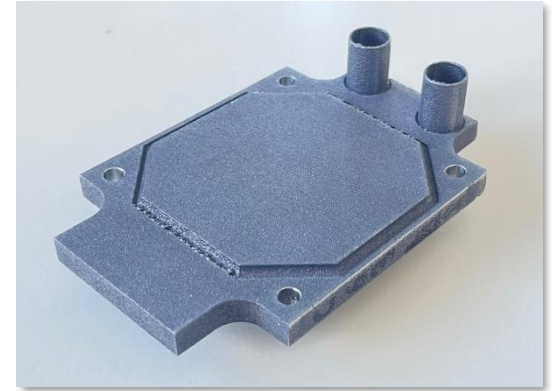
Weight:

56gr

Connectors:

Tube, diameter 10mm

(other diameter and angle on request)



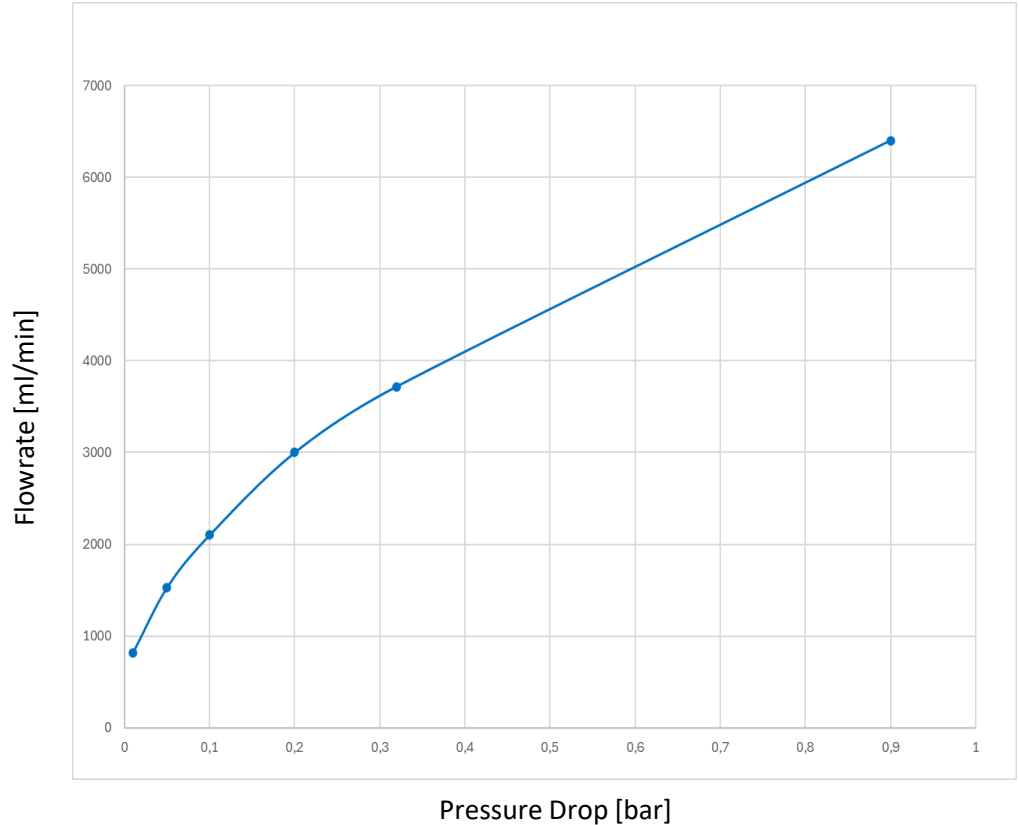
Phone: +49 241 913826-0
info@iq-evolution.com
www.iq-evolution.com



IQ-Smart 53 Alu (AlSi10Mg)

Pressure [bar]	Flowrate [ml/min]
0,01	820
0,05	1530
0,10	2100
0,20	3000
0,32	3720
0,90	6400

T_{in} Fluid = 15°C



IQ-Smart 53 Alu (AlSi10Mg)

Pressure [bar]	Rth [K/W]
0,01	0,035
0,05	0,026
0,10	0,023
0,20	0,021
0,32	0,020
0,90	0,017

$T_{in} \text{ Fluid} = 15^{\circ}\text{C}$

$dT_{in;surface} = 39,6^{\circ}\text{C}$

$\rightarrow T_{surface} @ 0,32\text{bar} = 54,6^{\circ}\text{C}$

