

## Environmental Declaration

Podjetje/Company IMI Hydronic Engineering Slovenia TA-Regulator d.o.o. Orliška 13, SI-8250 Brežice	Tel +386 (0)7 496 61 00 E-mail <a href="mailto:info.si@imi-hydronic.com">info.si@imi-hydronic.com</a>	Datum/Date 2023-10-27	Revizija/Edition 3	ID/ID No TAO-16-604	Stran/Page 1 (3)
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### Manufacturer

<b>Name</b>	IMI International Sp. z o.o.
<b>Adress</b>	Olewin 50A, 32-300 Olkusz, Poland
<b>Phone</b>	+48 327588200
<b>Managment system</b>	IMI has a certified quality-, environment-, energy-, and safety management system. The management system is also certified due to the Pressure Equipment Directive. The certificates are published at homepage, <a href="http://www.imi-hydronic.com">www.imi-hydronic.com</a>

### General product information

<b>Designation:</b>	
<b>Type of product:</b>	Valve
<b>Product approvals acc to:</b>	
<b>Technical service life:</b>	>10 years
<b>The product is acc to REACH defined as:</b>	Product
<b>ROHS-directive</b> (covers electric- and electronical equipment):	

### Material composition

Product componentes	Specification of components composition	CAS-no	Weigtht %	Comments
<b>Brass</b>	Cu 65%, Pb 2%, Si 0,7%, Zn32% enl. EN1982		4,6%	
<b>Cast Brass</b>	DIN 1709, EN 1982, CuZn40Pb2, Cu 59,8%, Pb 2,1%, Sn 0,12%, Fe 0,18%, Al 0,5%, Zn R		0,1%	
<b>Cast Iron</b>	EN-GJS-400-15, UNI-EN 1563		80%	
<b>Stainless Steel</b>	1.4305		12,3%	
<b>Stainl. Steel (stem)</b>	1.4404		0,4%	
<b>Stainl. Steel (spring)</b>	1.4310, EN 10270		0,35%	
<b>No AlloySteel</b>	1.0570		0,8%	
<b>Aluminium Bronze</b>	CuAl10Fe3, Cu 86,3%, Sn 0,1%, Fe 2,9%, Ni 1,4%, Zn 0,5%, Al 8,3%, Mn 0,3%, Rest 0,2%		1%	
<b>Redmetal</b>				
<b>Plastics</b>	PPS Ryton, PA6+30% GF, PA66+30% GF		0,25%	
<b>Rubber</b>	EPDM, EPDM 80 reinforced		0,1%	
<b>Insulation</b>				
<b>Paint/ Laquer</b>	KTL, PowerCron 6200HE		0,1%	
<b>Other surface tr.</b>				

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Other material information	Yes	No	Ev comment
Product is Chrome plated		No	
Product is Nicel plated		No	
Product is galvanized		No	
Is product containing recycled material	Yes		Cast Iron, Brass, Cast Brass, Stainless steel, Aluminium Bronze

### REACH and SVHC

Information about SVHC (Candidate list) acc. to REACH	
<b>The product contains</b>	
<b>Packaging</b>	The packaging is not containing any substances on the Candidate list
<input type="checkbox"/> Brass <input type="checkbox"/> Redmetal	The Copper alloy are containing > 0,1% Lead (Pb), CAS No 7439-92-1, which was put in the Candidate list 2018-06-27.

### Packaging

Materials	Yes	No	
Cardboard / Paper	Yes		Produced of recycled material at packaging supplier.
Wooden Palette	Yes		Depends of dimension of the valve.
Plastic (Polyethylene)		No	

### Manufacturing stage

<b>Energy consumption</b>	The company use 100% green energy. The company has ISO 50001 certificate – Energy management system.
<b>Sustainability</b>	The owner of the company, IMI plc, has made an overall commitment to fulfil FN Global Compact. Sustainability work is covered in for example” IMI Code of Conduct” and is reported in the Annual report. See also: <a href="https://www.imiplc.com/">https://www.imiplc.com/</a> The overall commitment from IMI plc, has been introduced through routines at IMI Slovenia.

### Transports

<b>Transport contractors</b>	Transport contractors with pronounced sustainability work are chosen in first hand.
<b>To and from the company</b>	Lorry or parcel post. The company is working with transports optimization.

### Usage stage

<b>Storage</b>	No special demands. Normal practice.
<b>Instructions for use</b>	Can be found on homepage: <a href="http://www.imi-hydronic.com">www.imi-hydronic.com</a>
<b>Emissions</b>	No emissions, if used according to normal practice and instructions for use.
<b>Energy</b>	The products are not energy labeled. To reduce energy consumption, balancing of the products is recommended.

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### Waste/ Worn out product

Materials	Yes	No	
<b>Worn out product can be recycled</b>	Yes		Leave worn out products for recycling. Be grinded, separated, melted down and reused.
<b>Card board / Paper</b>	Yes		Recycle packing/paper.
<b>Plastic (Polyethylene)</b>			Not used.

### Waste codes

Waste	EWC code
<b>Brass</b>	17 04 01
<b>Iron and Steel</b>	17 04 05
<b>Card Board</b>	15 01 01
<b>Non-Ferrous metal</b>	16 01 18
<b>Rubber</b>	19 12 04
<b>Plastic</b>	15 01 02

### CO<sup>2</sup>-load

<b>CO<sup>2</sup>-load</b>	Data for 2018 (CR360): 0,53t CO <sup>2</sup> per ton of products.
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