

## 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		5,5%	
<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		82%	
<b>Stainless Steel</b>	1.4305		8,3%	
<b>Stainl. Steel (stem)</b>	1.4404		0,75%	
<b>Stainl. Steel (spring)</b>	1.4310, EN 10270		0,2%	
<b>No AlloySteel</b>	1.0570		1,7%	
<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%		0,6%	
<b>Redmetal</b>				
<b>Plastics</b>	PPS Ryton, PA6+30% GF, PA66+30% GF		0,6%	
<b>Rubber</b>	EPDM, EPDM 80 reinforced		0,15%	
<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	
The product contains	
Packaging	The packaging is not containing any substances on the Candidate list
<input type="checkbox"/> Brass	The Copper alloy are containing > 0,1% Lead (Pb), CAS No 7439-92-1, which was put in the Candidate list 2018-06-27.
<input type="checkbox"/> Redmetal	

## Packaging

Materials	Yes	No	
Cardboard / Paper	Yes		Produced of recycled material at packaging supplier.
Plastic (Polyethylene)		No	

## Manufacturing stage

Energy consumption	The company use 100% green energy. The company has ISO 50001 certificate – Energy management system.
Sustainability	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

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

## Usage stage

Storage	No special demands. Normal practice.
Instructions for use	Can be found on homepage: <a href="http://www.imi-hydronic.com">www.imi-hydronic.com</a>
Emissions	No emissions, if used according to normal practice and instructions for use.
Energy	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	
Worn out product can be recycled	Yes		Leave worn out products for recycling. Be grinded, separated, melted down and reused.
Card board / Paper	Yes		Recycle packing/paper.
Plastic (Polyethylene)			Not used.

### Waste codes

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

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

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