

EU Declaration of Conformity in accordance with European Pressure Equipment Directive

Hereby we,

KSB S.A.S
Zone Industrielle Gagnaire Fonsèche
24490 La Roche Chalais
Registered office: 92635 - Gennevilliers
France

declare that the product:

Dual-plate swing check valve

SERIE 2000	PN 16		DN 50 - 600
	PN 25		DN 50 - 1200
		Class 150	DN 50 - 1200
		Class 300	DN 50 - 800

Butterfly valves:

BOAX-S/SF	PN 10/16		DN 20 - 600
BOAX-B	PN 10/16		DN 40 - 1000
ISORIA 10	PN 10		DN 40 - 1000
ISORIA 16	PN 16		DN 40 - 1000
ISORIA 20	PN 20		DN 32 - 600
ISORIA 25	PN 25		DN 32 - 1000
MAMMOUTH	PN 6/10/20/25		DN 1050 - 4000
KE Plastomer	PN 10/16		DN 40 - 600
KE Elastomer	PN 10/16		DN 40 - 300
DANAÏS MTII	PN 25/50	Class 150/300	DN 50 - 1000
DANAÏS 150	PN ≤ 25	Class 150	DN 50 - 1200
TRIODIS 150	PN ≤ 20	Class 150	DN 50 - 1200
TRIODIS 300	PN ≤ 50	Class 300	DN 80 - 1200
TRIODIS 600	PN ≤ 100	Class 600	DN 150 - 900
DANAÏS TBTII	PN 25/50	Class 150/300	DN 50 - 1200
DANAÏS TBT AL	PN 10/16	Class 150	DN 80 - 600
APORIS	PN 16		DN 300 - 2000
CLOSSIA	PN ≤ 5,5		DN 250/500/750/1000
OXYRIA	PN 10		DN 150 - 800

satisfies the safety requirements laid down in the Pressure Equipment Directive 2014/68/EU.

Applied harmonised European standards:

EN 10213 / EN 12516-1 / EN 12516-2 / EN 12516-4

Other standards/codes:

EN 1561 / EN 1563 / ASME B16.34 / ASME B16.42

Conformity assessment procedure:

Module H

Suitable for:

Fluids in Groups 1 and 2

As per the European Pressure Equipment Directive, valves with liner are classified as follows:

- ✓ In accordance with the declaration of conformity as per the European Pressure Equipment Directive (PED)
- On request available in accordance with the declaration of conformity as per the European Pressure Equipment Directive
- /: Configuration not available

Table 1: For ISORIA 10 and ISORIA 16 valves

Valves	ISORIA 10				ISORIA 16			
	Liquids		Gases ¹⁾		Liquids		Gases ¹⁾	
Hazardous ²⁾	Yes	No	Yes	No	Yes	No	Yes	No
Group	1	2	1	2	1	2	1	2
Table ³⁾	8	9	6	7	8	9	6	7
Type of liner								
XV	✓	✓	✓	✓	•	✓	•	•
XA	✓	✓	✓	✓	•	✓	•	•
XC	✓	✓	✓	✓	•	✓	•	•
K	✓	✓	✓	✓	✓	✓	✓	✓
VA	✓	✓	✓	✓	/	/	/	/
VC	✓	✓	✓	✓	/	/	/	/
EG	✓	✓	✓	✓	/	/	/	/
CC	✓	✓	✓	✓	/	/	/	/
NB	✓	✓	✓	✓	/	/	/	/
NH	✓	✓	✓	✓	/	/	/	/
SK	✓	✓	✓	✓	/	/	/	/
Y	✓	✓	•	•	✓	✓	✓	✓
CB	✓	✓	•	•	/	/	/	/

Table 2: For ISORIA 20, ISORIA 25 and MAMMOUTH valves

Valves	ISORIA 20				ISORIA 25 et MAMMOUTH			
	Liquids		Gases ¹⁾		Liquids		Gases ¹⁾	
Hazardous ²⁾	Yes	No	Yes	No	Yes	No	Yes	No
Group	1	2	1	2	1	2	1	2
Table ³⁾	8	9	6	7	8	9	6	7
Type of liner								
XV	•	✓	•	•	•	✓	•	•
XA	•	✓	•	•	•	✓	•	•
XC	•	✓	•	•	•	✓	•	•
K	✓	✓	✓	✓	•	✓	•	•
VA	✓	✓	✓	✓	•	✓	•	•
VC	✓	✓	✓	✓	•	✓	•	•
EG	✓	✓	✓	✓	•	✓	•	•
CC	✓	✓	✓	✓	•	✓	•	•
NB	✓	✓	✓	✓	•	✓	•	•
NH	✓	✓	✓	✓	•	✓	•	•
SK	✓	✓	✓	✓	•	✓	•	•
Y	✓	✓	✓	✓	•	✓	•	•
CB	✓	✓	✓	✓	•	✓	•	•

1) Please consult KSB for unstable gases.

2) Definition in accordance with the declaration of conformity as per European Pressure Equipment Directive 2014/68/EU

3) Table in accordance with Annex II of the declaration of conformity as per European Pressure Equipment Directive 2014/68/EU

Table 3: For BOAX-S/SF and BOAX-B valves

Valves	BOAX-S/SF				BOAX-B			
	Liquids		Gases ¹⁾		Liquids		Gases ¹⁾	
Hazardous ²⁾	Yes	No	Yes	No	Yes	No	Yes	No
Group	1	2	1	2	1	2	1	2
Table ³⁾	8	9	6	7	8	9	6	7
Type of liner								
XC	•	✓	✓	✓	•	✓	✓	✓
XU	•	✓	✓	✓	•	✓	✓	✓
K	•	✓	•	•	✓	✓	✓	✓
VC	/	/	/	/	•	•	✓	✓
EG	•	✓	✓	✓	•	✓	✓	✓

Table 4: For KE Plastomer and KE Elastomer valves

Valves	KE Plastomer				KE Elastomer			
	Liquids		Gases ¹⁾		Liquids		Gases ¹⁾	
Hazardous ²⁾	Yes	No	Yes	No	Yes	No	Yes	No
Group	1	2	1	2	1	2	1	2
Table ³⁾	8	9	6	7	8	9	6	7
Type of liner								
XV	•	•	•	•	•	•	•	•
XA	•	•	•	•	•	•	•	•
Y	•	•	•	•	•	•	•	•
CB	•	•	•	•	•	•	•	•
F	•	•	•	•	•	•	•	•

Production sites: La Roche Chalais, Dalian and Burgos

Name and address of the notified body responsible for approval and surveillance:

Bureau Veritas Exploitation
 8, cours du Triangle
 92800 Puteaux
 FRANCE

Identification number of the notified body:

0062

The EU Declaration of Conformity was issued in/on:

La Roche Chalais, 20 December 2018



Michel Delobel
 Head of Quality Assurance



Christian Trescos
 Head of Butterfly Valves Unit