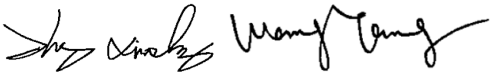
Stellungnahme zur Anwendbarkeit der 2014/34/EU (ATEX)

Für Geräte und Komponenten zur Verwendung in explosionsgefährdeten Bereichen

Statement for application of directive 2014/34/EU

For Equipment and Components Intended for Use in Potentially Explosive Atmospheres

Gegenstand: Gerät/Komponente, Typ Subject: Equipment/Component type	**Ball Valve Series** **(refer to clause 1 for type designation)**
Hergestellt und zur Prüfung vorgelegt Manufactured and submitted for examination	
Anschrift Address	
Prüfgrundlage Basis for examination	**Annex II of Directive 2014/34/EU**
Verwendete Normen Standard basis	**EN 1127-1:2011** **EN ISO 80079-36:2016**
Prüfgrundlage für Sicherheits- und Gesundheitsanforderungen, die nicht von den verwendeten Normen abgedeckt werden Basis for those health and safety requirements not covered by the standard basis	**Entfällt** **Not relevant**
Schutzartkennzeichen Code for type of protection	**Entfällt** **Not relevant**
Prüfergebnis: Examination result	**The Ball Valves are not in the scope of the directive 2014/34/EU.They have no own ignition sources.**
Prüfbericht-Nr: Assessment report number	**GC 190104943**

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1) Gegenstand und Typ / Equipment/Component type:

Ball Valve Series/model name as below

Equipment Name	Model Name	Size Range	Pressure Level
One Piece Floating Flanged Ball Valve	GV-Q1F4	DN15/DN20/DN25/DN32/DN40/DN50/DN65/DN80/DN100/DN125/DN150	PN16~PN40
Two Pieces Floating Flanged Ball Valve	GV-Q2F1	½",¾",1",1¼",1½",2",2½",3",4",5",6",8"	Class150/Class300
		DN15/ DN20/DN25/DN32/DN40/DN50/DN65/DN80/DN100/DN125/DN150/DN200	PN16,PN25,PN40
		15A/20A/25A/32A/40A/50A/65A/80A/100A/125A/150A	10K
Three Pieces Floating Flanged Ball Valve	GV-Q3F1	DN15/DN20/DN25/DN32/DN40/DN50/DN65/DN80/DN100	PN16~PN40
Three Pieces Forged Steel Fixed Ball Valve	GV-G3F1	NPS6/NPS8/NPS10/NPS12/NPS14/NPS16/ NPS18/NPS20/NPS24	Class150~Class600
		DN150/DN200/DN250/DN300/DN350/DN400/ DN450/DN500/DN600	PN16~PN100
Full-welded Fixed Ball Valve	GV-G3B3	DN250/DN300/DN350/DN400/DN450/DN500/ DN600/DN700/DN800	PN16/PN25/PN40
		NPS12/NPS14/NPS16/NPS18/NPS20/NPS24/ NPS28/NPS32/NPS36/NPS40/NPS42/NPS48	Class150~Class900
General Floating Ball Valve			
One Piece Thread Floating Ball Valve	Q118,QA18	¼",3/8",1/2",3/4",1",1¼",1½",2",2½",3"	1000PSI
	Q110		2000PSI
Two Pieces Thread Floating Ball Valve	Q21(3)8, Q218Q,Q218C,QB18, BB18	¼",3/8",1/2",3/4",1",1¼",1½",2",2½",3",4"	1000PSI
	Q210		2000PSI
Three Pieces Thread/Welded Floating Ball Valve	Q318,Q3B8 ,Q3S8,QC18,QCB8,QCS8,BC18, BCB8 ,BCS8	¼",3/8",1/2",3/4",1",1¼",1½",2"	1000PSI
	Q317,Q3B7 ,Q3S7,QC17,QCB7,QCS7,BC17, BCB7,BCS7	2½",3",4"	800PSI
Three-way Floating Ball Valve	QT18,QL18 ,BT18,BL18	¼",3/8",1/2",3/4",1",1¼",1½",2"	1000PSI

2) Beschreibung / Description

Standard Valves as ball valves as above described. For use in different applications and materials.

3) Kenndaten / Technical Data:

Packing material	Body&Cap / Ball / Seat Material	Material of STEM	Gland/Bearing
PTFE,PPL,Graphite	**Body&Cap:** 1.4308,1.0619,1.4409,1.4408,WCB,CF3M,CF8,CF8M,SCS13A,SCS14A,SCS1	304,316,316L,F6a,410,4140.420,17-	**Gland:** 304,316,316L,WCB CF8,CF8M,CF3M

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	6A,SCPH2,A105 **Ball:** F304,F316,F316L(A182),A105+ENP,F51 **Seat material:** PTFE/RPTFE/PPL/PEEK/TFM1600	4PH	**Bearing:** 304+PTFE

Body material: only metallic, no aluminium, magnesium, titanium and zirconium

4) Prüfergebnis / Assessment result:

The Valves, listed in pos. 1 are not in the scope of the directive 2014/34/EU. They have no ignition source.

5) ATEX Kennzeichnung / ATEX marking

nicht erforderlich / not necessary
Name des Herstellers, Anschrift / Name and address of manufacturer
Typenbezeichnung / Type
Herstellungsjahr / Year of manufacturing
Seriennummer / serial number

6) Sicherheitstechnisch rel. Informationen / relevant informations- for health and safety

Die Ventile müssen in den Potentialausgleich des Gesamtsystems einbezogen werden. Die Temperatur des Ventils wird wesentlich von der Temperatur des Mediums bestimmt. Dieses ist dem Verwender mitzuteilen.

The Valves has to be connected to the grounding system of the pipe or plant. The temperature of the valves is determined considerably from the temperature of the medium. The user has to be informed of this.

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