



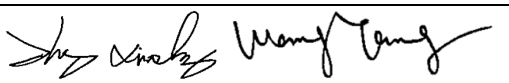
Stellungnahme zur Anwendbarkeit der 2014/34/EU (ATEX)

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	Grande-Tek Flow Control Co.,Ltd.
Anschrift Address	Industrial Zone of Yunhe District,Fuyang Road,Cangzhou,Hebei Province,061001 P.R.China.
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	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 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	1/4", 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3"	1000PSI
	Q110		2000PSI
Two Pieces Thread Floating Ball Valve	Q21(3)8, Q218Q, Q218C, QB18, BB18	1/4", 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4"	1000PSI
	Q210		2000PSI
Three Pieces Thread/Welded Floating Ball Valve	Q318, Q3B8, Q3S8, QC18, QCB8, QCS8, BC18, BCB8, BCS8	1/4", 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"	1000PSI
	Q317, Q3B7, Q3S7, QC17, QCB7, QCS7, BC17, BCB7, BCS7	2 1/2", 3", 4"	800PSI
Three-way Floating Ball Valve	QT18, QL18, BT18, BL18	1/4", 3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 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, 414, 420, 17-	Gland: 304, 316, 316L, WCB, CF8, CF8M, CF3M



	6A,SCPH2,A105 Ball: F304,F316,F316L(A182),A105+ENP,F5 1 Seat material: PTFE/RPTFE/PPL/PEEK/TFM1600	4PH	Bearing: 304+PTFE
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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.