



Qualität von Anfang an.

- (1) **Declaration in conformity**
 (2) **as defined by Pressure-Equipment-Directive 97/23/EC**
 (3) This declaration apply to the article groups with the nominal sizes:

Articles	Nominal size	Articles	Nominal size	Articles	Nominal size	Articles	Nominal size
Butterfly valves		NG	DN32 ... DN100	VO	DN32 ... DN200	Non-return valves	
HA	DN50 ... DN300	Ball valves		VS	DN32 ... DN200	AR	1 1/4" ... 2"
TA	DN40 ... DN300	AG	1 1/4" ... 2"	VT	DN32 ... DN100	CK3003	DN65 ... DN200
WA	DN50 ... DN300	BK	DN32 ... DN100	VU	4"	CK5003	DN32 ... DN200
WM	DN50 ... DN300	IK	1 1/4" ... 2"	ZA	1 1/4" ... 4"	CK5100	DN65 ... DN250
Gate valves		IL	1 1/4" ... 4"	ZA	DN32 ... DN100	CK5200	DN65 ... DN250
AB	1 1/4" ... 2"	IW	1 1/4" ... 2"	ZB	1 1/4" ... 2"	CW5400	DN65 ... DN250
AE	1 1/4" ... 3"	KA	1 1/4" ... 3"	ZB	DN32 ... DN50	EB	1 1/4" ... 3"
AE	DN32 ... DN80	PD	1 1/4" ... 2"	ZD	1 1/4" ... 4"	EB	DN32 ... DN80
CA5014	DN100 ... DN300	TB	1 1/4" ... 4"	ZD	DN32 ... DN100	RG1300	DN32 ... DN100
CA5015	DN65 ... DN300	TF	DN32 ... DN200	ZE	1 1/4" ... 4"	RG33xx	DN32 ... DN200
CA5214	DN40 ... DN200	TH	1 1/4"	ZE	DN32 ... DN100	RK	DN32 ... DN400
CD5010	DN32 ... DN200	VD	1 1/4" ... 4"	ZF	1 1/4" ... 4"	TD	4"
CV3010	DN32 ... DN150	VD	DN32 ... DN100	ZG	1 1/4" ... 2"	Strainer	
CV5010	DN32 ... DN200	VH	1 1/4" ... 2"	ZH	1 1/4" ... 2"	CU	DN150...DN250
CV5020	DN32 ... DN200	VH3100	1 1/4" ... 2"	ZK	DN32 ... DN100	EA	1 1/4" ... 3"
Pressure reducer		VK	DN32 ... DN200	ZL	1 1/4" ... 3"	EA	DN32 ... DN80
SD	3/4" ... 2"	VK/PN40	DN32 ... DN200	ZM	1 1/4" ... 2"		
Pressure relief valves		VL	1 1/4" ... 2", 3"	ZP	DN32 ... DN200		
NG	1 1/4" ... 1 1/2"	VN	1 1/4" ... 2"	ZU	1 1/4" ... 3"		

and all variations of these articles

- (4) of the company **END-Armaturen GmbH & Co. KG**
 D-32547 Bad Oeynhausen
 Germany
- (5) Herewith we declare that the above-mentioned articles in the conditions of our delivery are in conformity with the regulations of the Pressure Equipment Directive 97/23/EG.
- (6) Applied conformity assessment procedure: Modul H.
- (7) Notified body for conformity assessment PED an Quality-Management-System:



Bureau Veritas S.A.
Paris / Frankreich
Kennzeichen 0062

- (8) Certificate numbers: Quality Management System: INT8029DE/A
 Certificate of System approval PED: 2008/176.15.3204/P
- (9) Applied harmonized standards, in particular:

DIN EN 12516:2005 Industriearmaturen - Gehäusefestigkeit

- (10) On behalf **END-Armaturen GmbH & Co. KG** Bad Oeynhausen, 09. September 2009


EA
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 END-Armaturen GmbH & Co. KG
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Friedhelm König
Technical Manager


Michael End
Quality Manager

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END-Armaturen GmbH & Co. KG



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(3) This declaration apply to the article groups with the nominal sizes:

Articles	Nominal size	Articles	Nominal size	Articles	Nominal size	Articles	Nominal size
Gate valves		BK	DN15 ... DN25	VN	¼" ... 1"	BH	¾" ... 3"
AA	½" ... 2"	BT	½" ... 1"	VO	DN25	CK3003	DN15 ... DN50
AB	¼" ... 1"	CB	¼" ... 2½"	VS	DN15 ... DN25	CK5000	DN40 ... DN250
AC	⅛" ... 2"	CO-CO	½" ... 2"	VT	DN15 ... DN25	CK5003	DN40 ... DN25
AD	½" ... 2"	HF	¼" ... 1"	ZA	¼" ... 1", DN10 ... DN25	CK5100	DN40 ... DN50
AE	½" ... 1", DN15 ... DN25	IB	¼" ... 2"	ZB	¼" ... 1", DN15 ... DN25	CK5200	DN40 ... DN50
AV	¼" ... 1"	IK	¼" ... 1"	ZD	½" ... 1", DN15 ... DN25	CW5400	DN40 ... DN50
BE	¾" ... 3"	IL	¼" ... 1"	ZE	¼" ... 1", DN10 ... DN25	DR	DN50 ... DN300
BF	¼" ... 3"	IW	¼" ... 1"	ZF	¼" ... 1"	EB	½" ... 1", DN15 ... DN25
BS	½" ... 1¼"	KA	½" ... 1"	ZG	¼" ... 1"	MR	¼" ... 3"
CA5014	DN40 ... DN80	KFE	¾" ... ¾"	ZH	½" ... 1"	RG	DN15 ... DN25
CA5015	DN40 ... DN50	NK	¾" ... 4", DN10 ... DN100	ZK	DN15 ... DN25	TD	¾" ... 3"
CA5214	DN40 ... DN32	PB	⅙" ... 2"	ZL	¼" ... 1"	TG	½" ... 2"
CD5010	DN15 ... DN25	PD	½" ... 1"	ZM	¼" ... 1"	TR	¾" ... 4"
CV3010	DN15 ... DN25	SK	½" ... 3", DN10 ... DN80	ZP	DN15 ... DN25	ZR	DN15 ... DN200
CV5010	DN15 ... DN25	TB	¼" ... 1"	ZU	¼" ... 1"	Sight glasses	
CV5020	DN15 ... DN25	TE	½" ... 2"	Pipe fittings		SG	¼" ... 2", DN15 ... DN150
IC	¼" ... 4"	TF	DN20 ... DN25	FG	⅙" ... 4"	Strainer	
MV	½"	TH	½" ... 1"	FS	DN15 ... DN150	AS	DN15 ... DN200
TC	¼" ... 4"	TT	¾" ... 1"	GE	Ø6 ... Ø20	BG	¾" ... 2"
Pressure reducer		TV	¾" ... 1"	GR	Ø8 ... Ø28	CU	DN15 ... DN125
ID	¾" ... ¾"	VD	¼" ... 1"	GV	Ø6 ... Ø20	EA	½" ... 1", DN15 ... DN25
MB	½" ... 2"	VD	DN10 ... DN25	TE	Ø6 ... Ø25	IG	¼" ... 4"
MC	½" ... 2"	VE	¼" ... 1"	TV	Ø6 ... Ø20	KU	DN15 ... DN100
Pressure relief valves		VF	⅙" ... ½"	WE	Ø6 ... Ø38	Water-shock damper	
NG	¾" ... 1", DN15 ... DN25	VH	⅙" ... 1"	WV	Ø6 ... Ø20	TS	½"
Ball valves		VH3100	½" ... 1"	Non-return valves			
AG	¼" ... 1"	VK	DN15 ... DN25	AH	¼" ... 1½"		
BC	⅙" ... ¾"	VL	¼" ... 1"	AR	½" ... 1"		

and all variations of these articles

- (4) of the company **END-Armaturen GmbH & Co. KG**
D-32547 Bad Oeynhausen
Germany
- (5) Herewith we declare that the above-mentioned articles in the conditions of our delivery are in conformity with the regulations of Article 3 Part 3 of the directive 97/23/EG. These products bear no CE mark, but are in line to the good engineering practice designed and manufactured.
- (6) Applied harmonized standards, in particular:

DIN EN 12516:2005 Industriearmaturen - Gehäusefestigkeit

- (7) On behalf

Friedhelm König
Technical Manager



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Michael End
Quality Manager

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END-Armaturen GmbH & Co. KG



Qualität von Anfang an.

- (1) **Declaration in conformity**
(2) **as defined by Pressure-Equipment-Directive 97/23/EC**
(3) This declaration apply to the safety valves:

Article	Size	TÜV-Test Certificate	EC-Type Examination Certificate
Safety valve			
GV	1/2" ... 1 1/2"	TÜV SV 2003	
SV1	1/4" ... 1/2"	TÜV SV 382	01 202 111-B-00026
SV1	3/4" ... 1"	TÜV SV 317	01 202 111-B-00026
SV2100	1/2" ... 1 1/4"	TÜV SV 318	01 202 111-B-00028
SV2200	1/2" ... 1 1/4"	TÜV SV 268	04 202 1 460 03 00020
SV2410	1/2" ... 1 1/4"	TÜV SV 684	04 202 1 460 03 00020
SV2420	1/2" ... 1 1/4"	TÜV SV 666	01 202 111-B-00029
SV3100	1/2" ... 1 1/4"	TÜV SV 318	01 202 111-B-00028
SV3200	1/2" ... 1 1/4"	TÜV SV 268	04 202 1 460 03 00020
SV3410	1/2" ... 1 1/4"	TÜV SV 684	04 202 1 460 03 00020
SV3420	1/2" ... 1 1/4"	TÜV SV 666	01 202 111-B-00029

and all variations of these articles

- (4) of the company **END-Armaturen GmbH & Co. KG**
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Germany
- (5) Herewith we declare that the above-mentioned safety valves in the conditions of our delivery are in conformity with the regulations of the Pressure Equipment Directive 97/23/EG as well as the national specifications

**AD 2000 Merkblätter A2 and A4
TRD 421 and 721**

- (6) Applied conformity assessment procedure Modul B & D - category IV. There are EC-type examination certificates for the safety valves.
- (7) The monitoring is performed by TÜV-Süddeuschland.
Notified body EC-Reg.No. 0036.

- (8) On behalf



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Bad Oeynhausen, 09. September 2009

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Technical Manager

Michael End
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Qualität von Anfang an.

- (1) **Declaration in conformity**
(2) **as defined by Pressure-Equipment-Directive 97/23/EC**
(3) This declaration apply to the safety valves:

Article	Size	TÜV-Test Certificate	EC-Type Examination Certificate
Safety valve			
NG4011	1/4" ... 3/4", DN10 ... DN20	TÜV-SV 847	07 202 1111 Z 0178/1/0004 rev. 01
NG4021	1/4" ... 3/4", DN10 ... DN20	TÜV-SV 847	07 202 1111 Z 0178/1/0004 rev. 01
NG4031	1/4" ... 3/4", DN10 ... DN20	TÜV-SV 847	07 202 1111 Z 0178/1/0004 rev. 01
NG3011	1/4" ... 3/4", DN10 ... DN20	TÜV-SV 847	07 202 1111 Z 0178/1/0004 rev. 01
NG3021	1/4" ... 3/4", DN10 ... DN20	TÜV-SV 847	07 202 1111 Z 0178/1/0004 rev. 01
NG3031	1/4" ... 3/4", DN10 ... DN20	TÜV-SV 847	07 202 1111 Z 0178/1/0004 rev. 01
NG4011	1" ... 2", DN25 ... DN50	TÜV-SV 878	07 202 1111 Z 0178/1/0005
NG4021	1" ... 2", DN25 ... DN50	TÜV-SV 878	07 202 1111 Z 0178/1/0005
NG4031	1" ... 2", DN25 ... DN50	TÜV-SV 878	07 202 1111 Z 0178/1/0005
NG3011	1" ... 2", DN25 ... DN50	TÜV-SV 878	07 202 1111 Z 0178/1/0005
NG3021	1" ... 2", DN25 ... DN50	TÜV-SV 878	07 202 1111 Z 0178/1/0005
NG3031	1" ... 2", DN25 ... DN50	TÜV-SV 878	07 202 1111 Z 0178/1/0005

and all variations of these articles

- (4) of the company **END-Armaturen GmbH & Co. KG**
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- (5) Herewith we declare that the above-mentioned safety valves in the conditions of our delivery are in conformity with the regulations of the Pressure Equipment Directive 97/23/EG as well as the national specifications

EN 4126-1
DIN EN 12266
DN EN 12516
AD 2000 Merkblätter A2 and A4
VdTÜVB-Merkblatt Sicherheitsventil 100

- (6) Applied conformity assessment procedure Modul B & D - category IV. There are EC-type examination certificates for the safety valves.
- (7) The monitoring is performed by TÜV CERT-Zertifizierungsstelle der TÜV NORD Gruppe.
Notified body EC-Reg.No. 0045.
- (8) On behalf

Friedhelm König
Technical Manager

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(3) This declaration apply to the safety valves:

Article	Size	TÜV-Test Certificate	EC-Type Examination Certificate
Safety valve			
MA1230	1/2"	TÜV-SV 760	
MA1230	3/4" ... 1 1/4"	TÜV-SV 557	
MA1240	1/2" ... 1 1/4"	TÜV-SV 675	
MA1260	1/2" ... 1 1/4"	TÜV-SV 675	
MA1280	1/2" ... 1 1/4"	TÜV-SV 675	
MA1290	1/2" ... 1 1/4"	TÜV-SV 675	

and all variations of these articles

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(5) Herewith we declare that the above-mentioned safety valves in the conditions of our delivery are in conformity with the regulations of the Pressure Equipment Directive 97/23/EG as well as the national specifications

EN ISO 228
EN 12165
EN 12164
EN 10270-1
TRD 721
VdTÜVB-Merkblatt Sicherheitsventil 100

(6) Applied conformity assessment procedure Modul B & D - category IV. There are EC-type examination certificates for the safety valves.

(7) The monitoring is performed by Società Consortile Pascal a.r.l., Milano (Italien).
Notified body EC-Reg.No. 1115.

(8) On behalf



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