

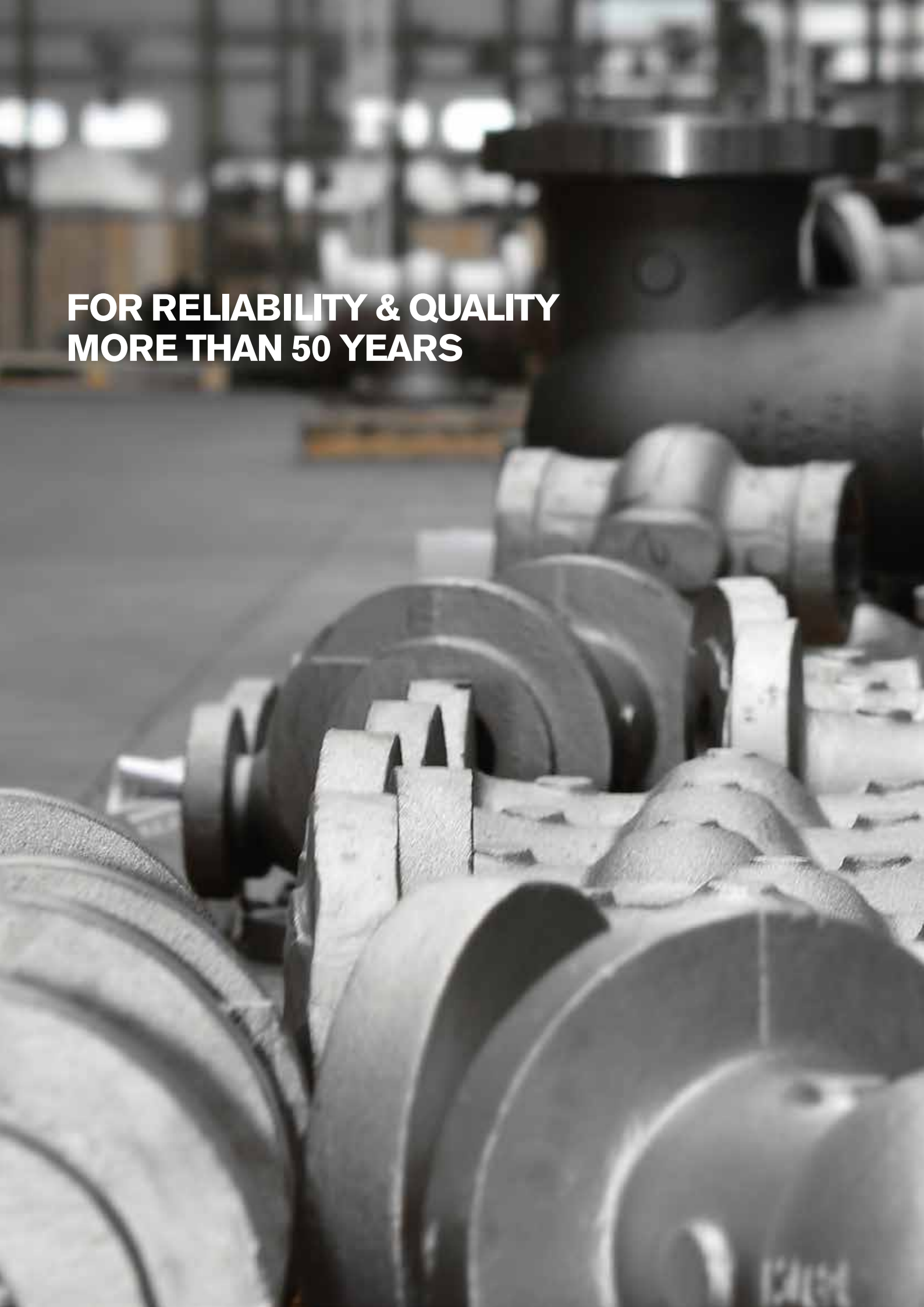


COMPANY PORTRAIT / PRODUCTION RANGE



Perfect for the pressure.
termoventsc.rs

**FOR RELIABILITY & QUALITY
MORE THAN 50 YEARS**





We are TERMOVENT SC Company, a regional leader in production of industrial valves for process industry and thermo energetics.

Legally, we are established as a limited liability company and classified as a medium-sized company.

Flexibility and reliability are characteristics that set us apart. We pay special consideration to cultural values.

The company was founded in 1963 as a small craft-workshop thanks to the vision and entrepreneurship of Mr Slobodan Crnogorac. After a lot of hard work, deprivation and passion, we grew up into a serious, respectable, successful company known worldwide. We currently employ 360 people.

Traditional values, reliability, quality and sustainability - these are the basis of our work and existence. We remained until today a company in private ownership and management structure, as for the past 50 years of presence.



ALL IN ONE PLACE

We have been creating, learning, developing. The continuous development required the extension of production capacities. This is why we built a new factory with a comprehensive infrastructure, all necessary equipment for long-range future activities and modern work environment, in which the production started in 1996.

We acquired the shares of the Steel Foundry in Bačka Topola, which was the long-standing supplier of castings for TERMOVENT SC. So in November 2002 we became the major owner of the Foundry with 62% of ownership and completed in that way our production cycle.

We guarantee the high quality of our products because all components are manufactured exclusively in our own, modern production facilities.



TERMOVENT SC

production facility in Temerin

 **140** employees

 **9.000 m²** of production space

PRODUCTION OF INDUSTRIAL VALVES



HOW TO REACH US?

AIRPORTS

Nikola Tesla (BEG), Belgrade - 80 km

Zračna Luka Osijek (OSI), CRO - 120 km

Traian Vuia (TSR), Temišvar, ROM - 150 km

Ferenc Liszt (BUD), Budapest, HUN - 330 km

ROAD ROUTES

International route E75 - 14 km

Belgrade - 75 km

Novi Sad - 25 km

Subotica - 80 km

RAIL ROUTES

Rw. station Novi Sad

Rw. station Beograd



**TERMOVENT SC
STEEL FOUNDRY**

production facility in Bačka Topola

 **225** employees

 **8.500 m²** of production space

PRODUCTION OF STEEL CASTINGS



**HOW TO
REACH US?**

AIRPORTS

Nikola Tesla (BEG),
Belgrade - 140 km

Zračna Luka Osijek
(OSI), CRO - 100 km

Traian Vuia (TSR),
Timisoara, ROM - 160 km

Ferenc Liszt (BUD),
Budapest, HUN - 220 km

ROAD ROUTES

Int. route E75 - 3 km

Beograd - 150 km

Novi Sad - 70 km

Subotica - 40 km

RAIL ROUTES

Rw. station B. Topola

Rw. station Subotica



EUROPE



PRODUCTION CAPACITIES

We feature highly developed production capacities.

TERMOVENT SC is continuously investing in latest machines and process technologies, every year.

This way we can increase our productivity and achieve a successful and good quality production.

We are flexible. We respect specific requirements of our customers - we design new products and get dynamically to their realization.

MACHINERY AT TERMOVENT SC

MACHINES	pcs.	MACHINES	pcs.
Universal Lathes	24	Grinding Machines	3
Vertical Lathes (Carousel)	2	Lapping Machines	3
CNC - Lathes	8	CNC Metal Saw	3
Drilling Machines	9	Automatic Painting Lines	2
Milling Machines	7	Equipment for automatic hard facing, stelling and joint welding	4
Horizontal Boring/Milling/Turning Machine (Borwerk)	4	Thread Rolling Machine	1
CNC Horizontal Machining Centers	2	5-axis CNC Horizontal Machining Center	1





RELIABLE QUALITY

Maintenance and on-going improvement of products quality are a commitment and responsibility of all company employees. A reliable and quality product is our priority, and a satisfied customer - our objective

IN CONTINUITY

The control process is a permanent activity in our company, including: reception, process (between stages) and final control.

100% TESTING

In keeping with the pertinent standard, every single product is tested. A unique identification number on each product allows a full traceability of all activities and material consumption.

MEASURING & CONTROL EQUIPMENT AT TERMOVENT SC

Valve test bench for hydraulic and pneumatic testing up to 1600 bar (up to 6 bar with air)

Valve test bench for hydraulic and pneumatic testing up to 650 bar (up to 6 bar with air)

Valve test bench for hydraulic and pneumatic testing up to 500 bar (up to 6 bar with air)

Valve test bench for hydraulic testing up to 1000 bar

Spectrometers for chemical analysis of input raw materials and final products (PMI)

Equipment for ultrasonic examination of raw materials

Equipment for magnetic particle examination of raw materials

Equipment for wall thickness measuring

Hardness testing equipment

Equipment for coating thickness measuring

Equipment for liquid penetrant examination





QUALITY SYSTEM

We pay special attention to the application of current international rules and standards in quality system development. We keep improving and maintaining a high level of the quality system through active education.

We have the following valid certificates:



TP TC 032/2013
TP TC 010/2011
TP TC 012/2011



ISO 9001:2015
EN ISO 3834
AD-2000
Merkblatt HP 0



PED 2014/68/EU
Module H1



API 6A - 1129
API 6D - 1049
API 600 - 0096

FIELDS OF APPLICATION



ENERGETICS

- THERMAL POWER PLANTS
- HYDROELECTRIC POWER PLANTS
- HEATING STATIONS
- BOILERS PRODUCTION

OIL & GAS

- OIL & GAS EXPLOITATION
- OIL & GAS PIPELINES
- OIL REFINERIES AND OIL PROCESSING
- PUMPING STATIONS & TANKS

PROCESS INDUSTRY

- IRONWORKS
- SMELTERIES
- CEMENT INDUSTRY
- PAPER INDUSTRY
- HEATING AND COOLING SYSTEMS
- PRODUCTION OF AGRICULTURAL FERTILIZERS
- SUGAR REFINERIES
- CHEMICAL PLANTS
- PETROCHEMICAL PLANTS




PRODUCTION RANGE



Valves according to EN 13709

Standard: EN 13709

DESIGN	Globe Stop Valves	Stop & Check Valves
	VENS	VENSC

CONNECTION	Flanged Butt welding ends (BW)			
	ACTUATOR	 Handwheel	 Electric	 Hydraulic

MATERIALS	Forgings ≤ DN 50	Castings
	1.0460	1.0619
	1.0565	1.1131 1.6220
	1.5415	1.5419
	1.7335	1.7357
	1.7362	1.7365
	1.7383	1.7379
	1.4903	C12A
	1.4301	1.4308
	1.4541	–
	1.4550	1.4552
	1.4404	–
	1.4401	1.4408
1.4571	–	
or other materials according to EN or ASTM Standards		

Nominal pressures:	PN 16 ÷ PN 160
Nominal dimensions:	DN 15 ÷ DN 350

Upon request:




- Position indicators
- Extended stem
- Locking device
- Seats and sealing surfaces made of elastomers
- Angle Stop (VENSA)
- Coating upon customer's request
- In complete with counter flanges, bolting and gaskets



Valves acc. to BS 1873 and API 623

Standards: BS 1873 and API 623

DESIGN	Globe Stop Valves	Stop & Check Valves
	VBS	VBSC

CONNECTION	Flanged Butt welding ends (BW)			
	ACTUATOR	 Handwheel	 Electric	 Hydraulic

MATERIALS	WCB
	LCB
	LCC
	LC1
	LC2
	WC1
	WC6
	WC9
	C5
	C12
	C12A
	CF8
	CF8M
CF8C	
or other materials according to ASTM Specifications	

Nominal pressures:	Class 150 ÷ Class 900
Nominal dimensions:	DN 50 (2") ÷ DN 400 (16")

Upon request:

- Position indicators
- Extended stem
- Locking device
- Angle Stop (VBSA)
- Seats and sealing surfaces made of elastomers
- Coating upon customer's request
- In complete with counter flanges, bolting and gaskets



Y- Type Valves according to BS 1873 and API 623

Standards: BS 1873 and API 623

DESIGN With a rising stem (RS), outside screw & yoke (OS&Y), bolted bonnet (BB)

VBSY

CONNECTION Flanged
Butt welding ends (BW)



MATERIALS

WCB
LCB
LCC
LC1
LC2
WC1
WC6
WC9
C5
C12
C12A
CF8
CF8M
CF8C

or other materials according to ASTM Specifications

Nominal pressures: Class 150 ÷ Class 300

Nominal dimensions: DN 15 (½") ÷ DN 500 (20")

Upon request:

- Position indicators
- Extended stem
- Locking device
- Seats and sealing surfaces made of elastomers
- Coating upon customer's request
- In complete with counter flanges, bolting and gaskets



High Pressure Globe Valves

Standards: ASME B16.34 and Manufacturer Standard

DESIGN With rising stem (RS), outside screw & yoke (OS&Y), pressure seal design

VHP

CONNECTION Flanged
Butt welding ends (BW)



MATERIALS

Forgings	Castings
A105 / 1.0460	WCB / 1.0619
LF2 / 1.0565	LCB / 1.6220
F1 / 1.5415	WC1 / 1.5419
F11 Cl.2 / 1.7335	WC6 / 1.7357
F22 Cl.3 / 1.7383	WC9 / 1.7379
F5 / 1.7362	C5 / 1.7365
F91 / 1.4903	C12A
F304 / 1.4301	CF8 / 1.4308
F316 / 1.4401	CF8M / 1.4408
F321 / 1.4541	CF8C / 1.4552
F347 / 1.4550	

or other materials according to EN or ASTM Standards

Nominal pressures: PN 250 ÷ PN 500
Class 1500 ÷ Class 2500

Nominal dimensions: DN 10 (¾") ÷ DN 200 (8")

Upon request:

- Position indicators
- Extended stem
- Angle Stop (VHPA)
- Locking device
- Coating upon customer's request



Forged Globe Valves acc. to API 602

Standard: API 602

DESIGN With a rising stem (RS), outside screw & yoke (OS&Y), bolted bonnet (BB)

VAP

CONNECTION Flanged
Socket welding ends (SW)
Butt welding ends (BW)
Threaded ends (NPT)



MATERIALS

A105
LF2
F1
F5
F11 Cl.2
F22 Cl.3
F91
F304
F304L
F316
F316L
F321
F347

or other materials according to ASTM Specifications

Nominal pressures: Class 150 ÷ Class 1500

Nominal dimensions: DN 8 (¼") ÷ DN 50 (2")

Upon request:

- With Control Plug
- Position indicators
- Extended stem
- Welded bonnet (WB)
- Extended body (EB)
- Locking device
- Seats and sealing surfaces made of elastomers
- Coating upon customer's request
- In complete with counter flanges, bolting and gaskets



Control Valves

Standards: EN 1349 and EN 60534

DESIGN	Globe Control Valves according to EN	Globe Control Valves according to ASME/ANSI
	VENR	VBR

CONNECTION	Flanged Butt welding ends (BW)			
ACTUATOR	Handwheel	Electric	Hydraulic	Pneumatic

MATERIALS	Forgings ≤ DN 50	Castings
	1.0460 / A105	1.0619 / WCB
	1.0565 / LF2	1.1131 / WCC 1.6220 / LCB
	1.5415 / LF1	1.5419 / WC1
	1.7335 / F11 Cl.2	1.7357 / WC6
	1.7362 / F5	1.7365 / C5
	1.7383 / F22 Cl.3	1.7379 / WC9
	1.4903 / F91	C12A
	1.4301 / F304	1.4308 / CF8
	1.4541 / F321	-
	1.4550 / F347	1.4552 / CF8C
	1.4404 / F316L	-
	1.4401 / F316	1.4408 / CF8M
	1.4571 / F316Ti	-
	or other materials according to EN or ASTM Standards	

Nominal pressures:	PN 16 ÷ PN 160 Class 150 ÷ Class 900
Nominal dimensions:	DN 15 (½") ÷ DN 400 (16")

Upon request:

- Linear (LQ) or Equal Percentage (EQ%) Valve Characteristics
- Extended stem
- Locking device
- Angle Type Control Valves (VENRA, VBRA)
- Y Type Control Valves (VENRY, VBRY)
- Coating upon customer's request
- In complete with counter flanges, bolting and gaskets



High Pressure Control Valves

Standards: EN 1349 and ASME B16.34

DESIGN	With a rising stem (RS), outside screw & yoke (OS&Y), pressure seal (PS)
	VHPR

CONNECTION	Flanged Butt welding ends (BW)			
ACTUATOR	Handwheel	Electric	Hydraulic	Pneumatic

MATERIALS	Forgings ≤ DN 50	Castings
	1.0460 / A105	1.0619 / WCB
	1.0565 / LF2	1.1131 / WCC 1.6220 / LCB
	1.5415 / LF1	1.5419 / WC1
	1.7335 / F11 Cl.2	1.7357 / WC6
	1.7362 / F5	1.7365 / C5
	1.7383 / F22 Cl.3	1.7379 / WC9
	1.4903 / F91	C12A
	1.4301 / F304	1.4308 / CF8
	1.4541 / F321	-
	1.4550 / F347	1.4552 / CF8C
	1.4404 / F316L	-
	1.4401 / F316	1.4408 / CF8M
	1.4571 / F316Ti	-
	or other materials according to EN or ASTM Standards	

Nominal pressures:	PN 250 ÷ PN 500 Class 1500 ÷ Class 2500
Nominal dimensions:	DN 10 (¾") ÷ DN 200 (8")

Upon request:

- Linear (LQ) or Equal Percentage (EQ%) Valve Characteristics
- Extended stem
- Locking device
- Angle Type Control Valves (VHPRA)
- Coating upon customer's request
- In complete with counter flanges, bolting and gaskets



Needle Valves

Standard: Manufacturer Standard

DESIGN	Inside screw, rising stem (IS&RS)
	VNS

CONNECTION	Butt welding ends (BW) Socket welding ends (SW) Threaded ends (Rp or NPT)			
ACTUATOR	Handwheel			

MATERIALS	1.0460 / A105	
	1.0565 / LF2	
	1.5415 / F1	
	1.7335 / F11 Cl.2	
	1.7362 / F5	
	1.7383 / F22 Cl.3	
	1.4903 / F91	
	1.4301 / F304	
	1.4401 / F316	
	1.4541 / F321	
	1.4404 / F316L	
	1.4571 / F316Ti	
	or other materials according to EN or ASTM Standards	

Nominal pressures:	PN 16 ÷ PN 500
Nominal dimensions:	DN 6 (¼") ÷ DN 15 (½")

Upon request:

- Angle Needle Valve
- Seats and sealing surfaces made of elastomers
- Outside thread connection
- Coating upon customer's request

GATE VALVES



Gate Valves according to EN 1984

Standard: EN 1984

DESIGN With a rising stem (RS), outside screw and yoke (OS&Y), one-piece flexible wedge

GEN

CONNECTION Flanged
Butt welding ends (BW)

ACTUATOR    
Handwheel Electric Hydraulic Pneumatic

MATERIALS

1.0619
1.1131
1.6220
1.5419
1.7357
1.7365
1.7379
C12A
1.4308
1.4552
1.4408

or other materials according to EN or ASTM Standards

Nominal pressures: PN 16 ÷ PN 160

Nominal dimensions: DN 50 ÷ DN 600

Upon request:

- By-pass
- Position indicators
- Extended stem
- Locking device
- Non rising stem and solid wedge
- Split or solid wedge
- Coating upon customer's request
- In complete with counter flanges, bolting and gaskets



Gate Valves according to API 600

Standard: API 600

DESIGN With a rising stem (RS), outside screw and yoke (OS&Y), one-piece flexible wedge

GAC

CONNECTION Flanged
Butt welding ends (BW)

ACTUATOR    
Handwheel Electric Hydraulic Pneumatic

MATERIALS

WCB
LCB
LCC
LC1
LC2
WC1
WC6
WC9
C5
C12
C12A
CF8
CF8M
CF8C

or other materials according to ASTM Specifications

Nominal pressures: Class 150 ÷ Class 1500

Nominal dimensions: DN 50 (2") ÷ DN 650 (26")

Upon request:

- By-pass
- Position indicators
- Extended stem
- Extended bonnet
- Locking device
- Split or solid wedge
- Coating upon customer's request
- In complete with counter flanges, bolting and gaskets



High Pressure Gate Valves

Standards: ASME B16.34
and Manufacturer Standard

DESIGN With a rising stem (RS), outside screw and yoke (OS&Y), split wedge, pressure seal

GHP

CONNECTION Butt welding ends (BW)

ACTUATOR    
Handwheel Electric Hydraulic Pneumatic

MATERIALS

Forgings	Castings
A105 / 1.0460	WCB / 1.0619
LF2 / 1.0565	LCB / 1.6220
F1 / 1.5415	WC1 / 1.5419
F11 Cl.2 / 1.7335	WC6 / 1.7357
F22 Cl.3 / 1.7383	WC9 / 1.7379
F5 / 1.7362	C5 / 1.7365
F91 / 1.4903	C12A
F304 / 1.4301	CF8 / 1.4308
F316 / 1.4401	CF8M / 1.4408
F321 / 1.4541	CF8C / 1.4552
F347 / 1.4550	

or other materials according to EN or ASTM Standards

Nominal pressures: PN 250 ÷ PN 400
Class 900 ÷ Class 2500

Nominal dimensions: DN 10 (3/8") ÷ DN 400 (16")

Upon request:

- By-pass
- Position indicators
- Extended stem
- Locking device
- Overpressure safety device
- Coating upon customer's request

GATE VALVES



Xmas Tree Gate Valves according to API 6A

Standard: API 6A

DESIGN	With a non-rising stem (IS&NRS), solid wedge
	GXT

CONNECTION	Flanged - API Std. 6A, Tip B Ring Joint Threaded ends - API Std.5B, Type LP
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ACTUATOR	Handwheel
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MATERIALS	4A
	CA15 or other materials according to ASTM Specifications

Working pressures:	2000 psi ÷ 5000 psi
Nominal dimensions:	DN 50 (2 1/16") ÷ DN 100 (4 1/16")

Upon request:

- Coating upon customer's request



Forged Gate Valves according to API 602

Standard: API 602

DESIGN	With a rising stem (RS), outside screw and yoke (OS&Y), solid wedge, bolted bonnet (BB)
	GAF

CONNECTION	Flanged Welding ends (SW or BW) Threaded ends (NPT)
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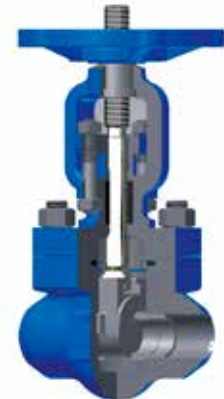
ACTUATOR	Handwheel Electric Hydraulic Pneumatic
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MATERIALS	A105
	LF2
	F1
	F5
	F11 Cl.2
	F22 Cl.3
	F91
	F304
	F304L
	F316
	F316L
	F321
	F347 or other materials according to ASTM Specifications

Nominal pressures:	Class 150 ÷ Class 1500
Nominal dimensions:	DN 8 (1/4") ÷ DN 50 (2")

Upon request:

- Position indicators
- Extended stem
- Extended bonnet
- Welded bonnet (WB)
- Extended body (EB)
- Locking device
- Coating upon customer's request
- In complete with counter flanges, bolting and gaskets



Forged Gate Valves according to EN 1984

Standard: EN 1984

DESIGN	With a rising stem (RS), outside screw and yoke (OS&Y), solid wedge, bolted bonnet (BB)
	GENF

CONNECTION	Flanged Welding ends (SW or BW) Threaded ends (NPT)
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ACTUATOR	Handwheel Electric Hydraulic Pneumatic
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MATERIALS	1.0460
	1.0565
	1.5415
	1.7335
	1.7362
	1.7383
	1.4903
	1.4301
	1.4541
	1.4550
	1.4404
1.4401	
1.4571 or other materials according to EN or ASTM Standards	

Nominal pressures:	PN 16 ÷ PN 250
Nominal dimensions:	DN 8 ÷ DN 50

Upon request:

- Position indicators
- Extended stem
- Extended bonnet
- Welded bonnet (WB)
- Extended body (EB)
- Locking device
- Coating upon customer's request
- In complete with counter flanges, bolting and gaskets

LIFT AND SWING CHECK VALVES



Lift Type Check Valves

Standards:
EN 14341, BS 1868, API 602, API 6D

DESIGN	Lift Check Valves acc. to EN 14341	Lift Check Valves acc. to BS 1868 & API 6D	Forged Lift Check Valves acc. to API 602
		CLEN	CLBS

CONNECTION	Flanged Welding ends (BW or SW) Threaded ends (Rp or NPT)
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MATERIALS	Forgings ≤ DN 50	Castings
	1.0460 / A105	1.0619 / WCB
	1.0565 / LF2	1.1131 / WCC 1.6220 / LCB
	-	LCC / LC1 / LC2
	1.5415 / F1	1.5419 / WC1
	1.7362 / F5	1.7365 / C5
	1.7335 / F11 Cl.2	1.7357 / WC6
	1.7383 / F22 Cl.3	1.7379 / WC9
	1.4903 / F91	C12A
	1.4301 / F304	1.4308 / CF8
	1.4306 / F304L	-
	1.4401 / F316	1.4408 / CF8M
	1.4404 / F316L	-
	1.4541 / F321 1.4550 / F347	1.4552 / CF8C
	or other materials according to EN or ASTM Standards	

Nominal pressures:	CLEN	PN 16 ÷ PN 160
	CLBS	Class 150 ÷ Class 900
	CAPL	Class 150 ÷ Class 1500

Nominal dimensions:	DN 8 (1/4") ÷ DN 400 (16")
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Upon request:

- Seats and sealing surfaces made of elastomers
- Coating upon customer's request
- In complete with counter flanges, bolting and gaskets



Swing Type Check Valves

Standards: EN 14341, BS 1868, API 602, API 6D, API 594

DESIGN	Swing Check Valves acc. to EN 14341	Swing Check Valves acc. to BS 1868, API 594 and API 6D	Forged Swing Check Valves acc. to API 602
		CSEN	CSBS

CONNECTION	Flanged Welding ends (BW or SW) Threaded ends (Rp or NPT)
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MATERIALS	Forgings ≤ DN 50	Castings
	1.0460 / A105	1.0619 / WCB
	1.0565 / LF2	1.1131 / WCC 1.6220 / LCB
	-	LCC / LC1 / LC2
	1.5415 / F1	1.5419 / WC1
	1.7362 / F5	1.7365 / C5
	1.7335 / F11 Cl.2	1.7357 / WC6
	1.7383 / F22 Cl.3	1.7379 / WC9
	1.4903 / F91	C12A
	1.4301 / F304	1.4308 / CF8
	1.4306 / F304L	-
	1.4401 / F316	1.4408 / CF8M
	1.4404 / F316L	-
	1.4541 / F321 1.4550 / F347	1.4552 / CF8C
	or other materials according to EN or ASTM Standards	

Nominal pressures:	CSEN	PN 16 ÷ PN 100
	CSBS	Class 150 ÷ Class 900
	CAPS	Class 150 ÷ Class 1500

Nominal dimensions:	DN 15 (1/2") ÷ DN 600 (24")
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Upon request:

- Seats and sealing surfaces made of elastomers
- Coating upon customer's request
- In complete with counter flanges, bolting and gaskets



Swing and Lift Type High Pressure Check Valves

Standards: ASME B16.34 and Manufacturer Standard

DESIGN	Swing Check Valves	Lift Check Valves
		CHPS

CONNECTION	Flanged Butt welding ends (BW)
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MATERIALS	Forgings	Castings
	1.0460 / A105	1.0619 / WCB
	1.0565 / LF2	1.1131 / WCC 1.6220 / LCB
	-	LCC / LC1 / LC2
	1.5415 / F1	1.5419 / WC1
	1.7362 / F5	1.7365 / C5
	1.7335 / F11 Cl.2	1.7357 / WC6
	1.7383 / F22 Cl.3	1.7379 / WC9
	1.4903 / F91	C12A
	1.4301 / F304	1.4308 / CF8
	1.4306 / F304L	-
	1.4401 / F316	1.4408 / CF8M
	1.4404 / F316L	-
	1.4541 / F321 1.4550 / F347	1.4552 / CF8C
	or other materials according to EN or ASTM Standards	

Nominal pressures:	CHPS	PN 250 (Class 1500)
	CHPL	PN 250 ÷ PN 500
		(Class 150 ÷ Class 900)

Nominal dimensions:	DN 10 (3/8") ÷ DN 200 (8")
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Upon request:

- Swing Check Valves with counterweight and damper
- Swing Check Valves with hole in the disc
- Coating upon customer's request
- In complete with counter flanges, bolting and gaskets

CHOKE VALVES



Adjustable Choke and Positive Choke

Standard: API 6A

DESIGN	Adjustable Choke	Positive Choke
	VAC	VPC

CONNECTION	Flanged - API Std. 6A, Tip B Ring Joint Threaded ends - API Std.5B, Type LP
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ACTUATOR	Handwheel
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MATERIALS	4A
	CA15
	or other materials according to ASTM Specifications

Working pressures:	2000 psi ÷ 5000 psi
Nominal dimensions:	DN 50 (2 1/16")

Upon request:

- Position indicators
- Extended stem
- Locking device
- Coating upon customer's request

CHANGE OVER VALVES



Change Over Valves

Standards: ASME B16.34 and Manufac. std.

DESIGN	With a rising stem (RS), outside screw & yoke (OS&Y), bolted bonnet (BB)
	COV

CONNECTION	Flanged
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ACTUATOR	Handwheel	Electric	Hydraulic	Pneumatic
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MATERIALS	WCB
	LCB
	LCC
	CF8
	CF8M
	CF8C
	or other materials according to ASTM Specifications

Nominal pressures:	Class 150 ÷ Class 900 PN 16 ÷ PN 160
Nominal dimensions:	DN 50 (2") ÷ DN 200 (8")

Upon request:

- In complete with chain and chainwheel
- Locking device
- Coating upon customer's request
- In complete with counter flanges, bolting and gaskets

PIG VALVES



Pig Valves according to API 6D

Standard: API 6D

DESIGN	Launching / receiving the pig and Isolating function
	CPVP

CONNECTION	Flanged - ANSI B16.5, Ring Joint Threaded ends - API Std.5B, Type LP
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ACTUATOR	With Lever	Bevel Gear	Electric
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MATERIALS	WCB
	LCB
	LC1
	LC2
	C5
	CA15
	CF8
	CF8M
	4A
	or other materials according to ASTM Specifications

Nominal pressures:	Class 400 ÷ Class 1500
Nominal dimensions:	DN 50 (2") ÷ DN 150 (6")

Upon request:

- Seats and sealing surfaces made of elastomers
- In complete with counter flanges, bolting and gaskets
- Coating upon customer's request

PLUG VALVES



Plug Valves according to API 6D

Standard: API 6D

DESIGN	Pure PTFE or PTFE+ Graphite seats, Conical stainless steel plug, Bolted Cover (BC)
	CPV

CONNECTION	Flanged Butt welding ends (BW)
ACTUATOR	 With Lever  Bevel Gear  Electric

MATERIALS	Forgings ≤ DN 50	Castings
		1.0460 / A105
	1.0565 / LF2	1.6220 / LCB
	1.4301 / F304	1.4308 / CF8
	1.4541 / F321	–
	1.4550 / F347	1.4552 / CF8C
	1.4404 / F316L	–
	1.4401 / F316	1.4408 / CF8M
	1.4571 / F316Ti	–
or other materials according to EN or ASTM Standards		

Nominal pressures:	PN 16 ÷ PN 40 Class 150 ÷ Class 300
Nominal dimensions:	DN 15 (½") ÷ DN 300 (12") DN 15 (½") ÷ DN 50 (2") Rating PN 100 (Class 600)

Upon request:

- Extended stem
- Locking device
- Coating upon customer's request
- In complete with counter flanges, bolting and gaskets

STRAINERS



Strainers

Standard: Manufacturer Standard

DESIGN	Globe Strainers acc. to EN Std.	Globe Strainers acc. to BS Std.	Forged Strainers
	SEN	SBS	SAP

CONNECTION	Flanged Welding ends (BW or SW) Threaded ends (Rp or NPT)
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MATERIALS	Forgings ≤ DN 50	Castings
		A105 / 1.0460
	LF2 / 1.0565	WCC / 1.1131 LCB / 1.6220
	F1 / 1.5415	WC1 / 1.5419
	F5 / 1.7362	C5 / 1.7365
	F11 Cl.2 / 1.7335	WC6 / 1.7357
	F22 Cl.3 / 1.7383	WC9 / 1.7379
	F91 / 1.4903	C12A
	F304 / 1.4301	CF8 / 1.4308
	F316 / 1.4401	CF8M / 1.4408
	F321 / 1.4541 F347 / 1.4550	CF8C / 1.4552
or other materials according to EN or ASTM Standards		

Nominal pressures:	PN 16 ÷ PN 160 Class 150 ÷ Class 1500
Nominal dimensions:	DN 8 (¼") ÷ DN 400 (16")

Upon request:

- Plug or drain valve for quick cleaning
- Coating upon customer's request
- In complete with counter flanges, bolting and gaskets



Strainers Y-type

Standard: Manufacturer Standard

DESIGN	Bolted cover (BC)
	SBSY

CONNECTION	Flanged Butt welding ends (BW)
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MATERIALS	Castings
	WCB
LCB	
LCC	
LC1	
LC2	
WC1	
WC6	
WC9	
C5	
C12	
C12A	
CF8	
CF8M	
CF8C	
or other materials according to ASTM Specifications	

Nominal pressures:	Class 150 ÷ Class 300
Nominal dimensions:	DN 15 (½") ÷ DN 500 (20")

Upon request:
































- Plug or drain valve for quick cleaning
- Coating upon customer's request
- In complete with counter flanges, bolting and gaskets

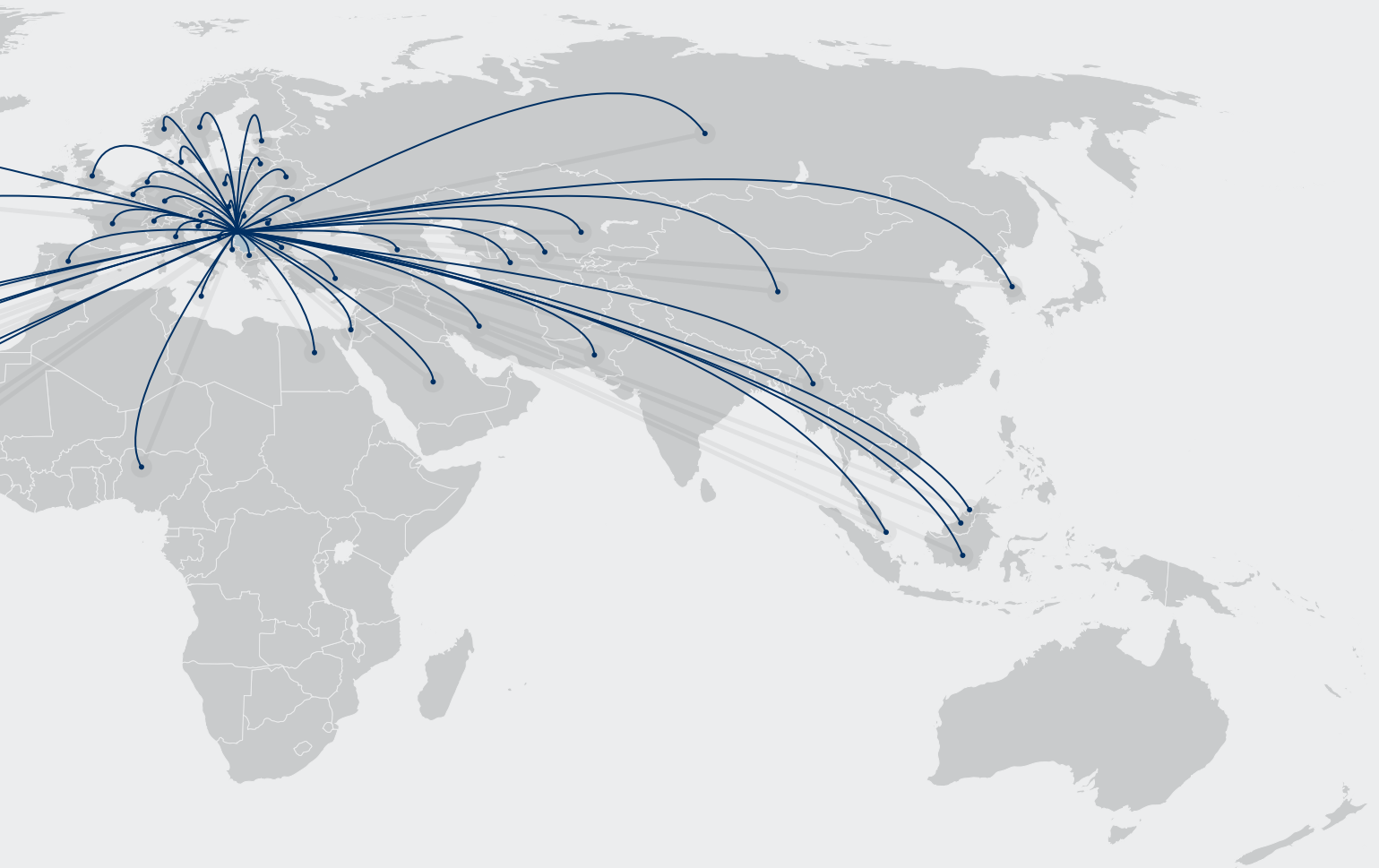
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Today, we are present with our products on almost all continents. TERMOVENT SC products are installed and functioning in many plants in more than 50 countries worldwide.

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... AND TOMORROW

Continuous investments in the staff, production and development, as well as our flexibility, innovation and decades of experience in valve production, enable us to successfully cope with future challenges.



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