



## COMPANY PORTRAIT / PRODUCTION RANGE



Perfect for the pressure.  
[termoventsc.rs](http://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 m<sup>2</sup>** 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 m<sup>2</sup>** 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  
API 602 - 0019

# 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

<b>DESIGN</b>	Globe Stop Valves	Stop & Check Valves
	<b>VENS</b>	<b>VENSC</b>

<b>CONNECTION</b>	Flanged Butt welding ends (BW)			
	<b>ACTUATOR</b>	 Handwheel	 Electric	 Hydraulic

<b>MATERIALS</b>	<b>Forgings ≤ DN 50</b>	<b>Castings</b>
	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

<b>DESIGN</b>	Globe Stop Valves	Stop & Check Valves
	<b>VBS</b>	<b>VBSC</b>

<b>CONNECTION</b>	Flanged Butt welding ends (BW)			
	<b>ACTUATOR</b>	 Handwheel	 Electric	 Hydraulic

<b>MATERIALS</b>	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)

**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 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)

**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 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)

**ACTUATOR** Handwheel, Electric, Hydraulic, Pneumatic

**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

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

<b>CONNECTION</b>	Flanged Butt welding ends (BW)			
<b>ACTUATOR</b>	Handwheel	Electric	Hydraulic	Pneumatic

<b>MATERIALS</b>	<b>Forgings ≤ DN 50</b>	<b>Castings</b>
	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

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

<b>CONNECTION</b>	Flanged Butt welding ends (BW)			
<b>ACTUATOR</b>	Handwheel	Electric	Hydraulic	Pneumatic

<b>MATERIALS</b>	<b>Forgings ≤ DN 50</b>	<b>Castings</b>
	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

<b>DESIGN</b>	Inside screw, rising stem (IS&RS)
	<b>VNS</b>

<b>CONNECTION</b>	Butt welding ends (BW) Socket welding ends (SW) Threaded ends (Rp or NPT)			
<b>ACTUATOR</b>	Handwheel			

<b>MATERIALS</b>	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

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

<b>CONNECTION</b>	Flanged - API Std. 6A, Tip B Ring Joint
	Threaded ends - API Std.5B, Type LP

<b>ACTUATOR</b>	 Handwheel

<b>MATERIALS</b>	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

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

<b>CONNECTION</b>	Flanged
	Welding ends (SW or BW) Threaded ends (NPT)

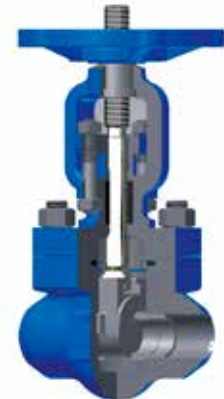
<b>ACTUATOR</b>	 Handwheel
	 Electric
	 Hydraulic
	 Pneumatic

<b>MATERIALS</b>	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

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

<b>CONNECTION</b>	Flanged
	Welding ends (SW or BW) Threaded ends (NPT)

<b>ACTUATOR</b>	 Handwheel
	 Electric
	 Hydraulic
	 Pneumatic

<b>MATERIALS</b>	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
		<b>CLEN</b>	<b>CLBS</b>

CONNECTION	Flanged Welding ends (BW or SW) Threaded ends (Rp or NPT)
------------	---

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")
---------------------	----------------------------

#### 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
		<b>CSEN</b>	<b>CSBS</b>

CONNECTION	Flanged Welding ends (BW or SW) Threaded ends (Rp or NPT)
------------	---

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")
---------------------	-----------------------------

#### 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
		<b>CHPS</b>

CONNECTION	Flanged Butt welding ends (BW)
------------	-----------------------------------

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")
---------------------	----------------------------

#### 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
	<b>VAC</b>	<b>VPC</b>

CONNECTION	Flanged - API Std. 6A, Tip B Ring Joint Threaded ends - API Std.5B, Type LP
------------	--

ACTUATOR	Handwheel
----------	-----------

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)
<b>COV</b>	

CONNECTION	Flanged
------------	---------

ACTUATOR	Handwheel	Electric	Hydraulic	Pneumatic
----------	-----------	----------	-----------	-----------

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
<b>CPVP</b>	

CONNECTION	Flanged - ANSI B16.5, Ring Joint Threaded ends - API Std.5B, Type LP
------------	---

ACTUATOR	With Lever	Bevel Gear	Electric
----------	------------	------------	----------

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)
	<b>CPV</b>

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

MATERIALS	Forgings ≤ DN 50	Castings
	1.0460 / A105	1.0619 / WCB
	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
	<b>SEN</b>	<b>SBS</b>	<b>SAP</b>

CONNECTION	Flanged Welding ends (BW or SW) Threaded ends (Rp or NPT)
------------	---

MATERIALS	Forgings ≤ DN 50	Castings	
	A105 / 1.0460	WCB / 1.0619	
	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	CF8C / 1.4552	
	F347 / 1.4550		
	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)
	<b>SBSY</b>

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:

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























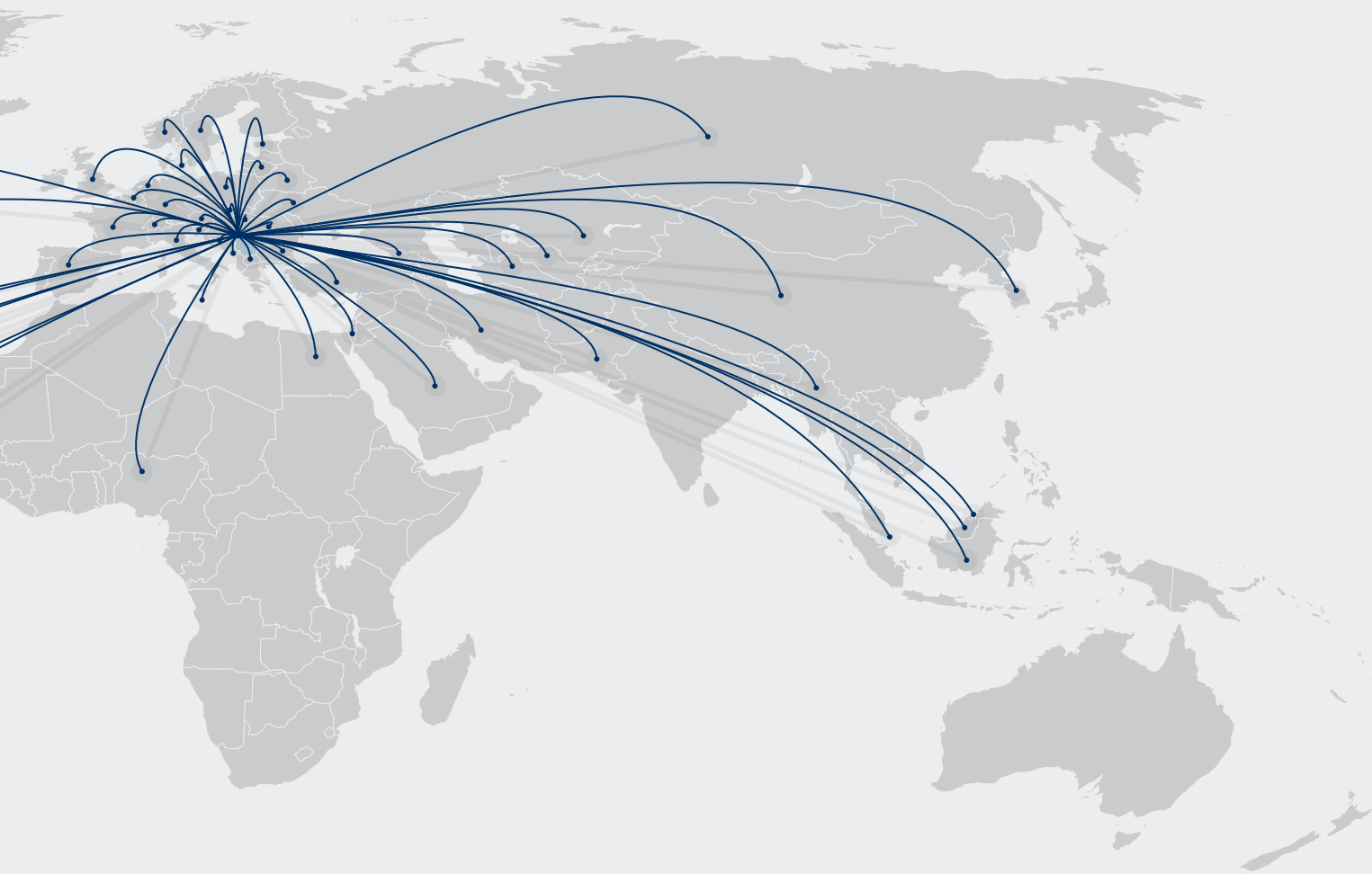
- |   |   |   |
|---|---|---|
|  CANADA    |  GREAT BRITAIN |  NETHERLANDS |
|  CUBA      |  NORWAY        |  BELGIUM     |
|  VENEZUELA |  DENMARK       |  GERMANY     |
|  ECUADOR   |  SWEDEN        |  FRANCE      |
|  COLOMBIA  |  ESTONIA       |  SWITZERLAND |
|  PANAMA    |  LITHUANIA     |  ITALY       |
|  CHILE     |  POLAND        |  MALTA       |
|  BRAZIL    |  SPAIN         |  NIGERIA     |



## TERMOVENT SC TODAY ...

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.

- |   |  |   |  |   |
|---|--|---|--|---|
|  AUSTRIA        |  CROATIA              |  EGYPT   |  GEORGIA      |  RUSSIA      |
|  SLOVENIA       |  BOSNIA & HERZEGOVINA |  ISRAEL  |  BELORUS      |  CHINA       |
|  CZECH REPUBLIC |  BULGARIA             |  TURKEY  |  TURKMENISTAN |  THAILAND    |
|  SLOVAKIA       |  FYR MACEDONIA        |  UKRAINE |  KAZAKHSTAN   |  SINGAPORE   |
|  HUNGARY        |  MONTENEGRO           |  IRAN    |  UZBEKISTAN   |  SOUTH KOREA |
|  ROMANIA        |  |   |  PAKISTAN     |  BRUNEI      |
|   |  |   |  SAUDI ARABIA |  MALAYSIA    |
|   |  |   |  |  INDONESIA   |



## ... 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.



**TERMOVENT SC DOO**

Industrijska zona bb  
21235 Temerin, Serbia  
PAK 385116

Phone      +381 21 842 505  
              +381 21 842 911  
Fax         +381 21 843 238  
E-mail      [office@termoventsc.rs](mailto:office@termoventsc.rs)

Perfect for the pressure.  
[termoventsc.rs](http://termoventsc.rs)