

FISA TEHNICA

1

Clapet de sens EPA tip Z16 127 4160 (11LAB61/62AA701)

Prodicator: **WAKMET SAU SIMILAR**
 Tip: **Z16 127 4160**
 Diametru nominal: **25 mm**
 Temperatura de proiect: **171 °C**
 Presiunea nominala: **160 bar**
 Tip conexiune: **sudura**

Type	Nominal Pressure PN	Nominal Diameter DN	Max. temperature °C	Material	Connection	Design
				cast iron ductile iron alloy steel brass stainless steel	flanges flange-less threaded screw joint for welding	basic low temper. for oxygen
CHECK VALVES						
Z16 117 616	16	15÷200	300			
Z16 117 040	40	100÷200	250			
Z16 117 540	40	15÷200	400			
Z16 117 263 (363)	63	15÷200	550			
Z16 117 2100 (3100)	100	15÷200	550			
Z16 117 2160 (3160)	160	15÷200	550			
Z16 117 563 (463)	63	15÷200	400			
Z16 117 5100 (4100)	100	15÷200	400			
Z16 117 5160 (4160)	160	15÷200	400			
Z15 117 240	40	15÷200	550			
CHECK VALVES FOR WELDING						
Z16 127 540	40	15÷200	400			
Z16 127 363 (263)	63	15÷200	530			
Z16 127 3100 (2100)	100	15÷200	530			
Z16 127 3160 (2160)	160	15÷200	550			
Z16 127 463 (563)	63	15÷200	400			
Z16 127 4100 (5100)	100	15÷200	400			
Z16 127 4160 (5160)	160	15÷200	400			

CLAPET SENS EPA 1+2

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V25 1 1 1 5 40 XX

VALVE GROUP INDICATION, SERIAL NUMBER

- C - special valves
- D - separators, strainers, traps
- L - flaps, butterfly valves
- P - safety valves
- R - regulators, reducing valves
- V - globe and control valves
- Z - check valves** clapet de sens
- RO - axial reducing valves
- BR - axial quick-closing devices
- RT - pressure regulators

FLOW DIRECTION directie de curgere

- 1 - straight** dreapta
- 2 - angle
- 4 - three-way
- 5 - four-way
- 0 - undistinguished

CONNECTION TYPE

- 1 - flanged
- 2 - for welding** conexiune prin sudura
- 3 - threaded
- 5 - screw join
- 7 - flange-less
- 8 - pin design

COMPLEMENTARY SIGN

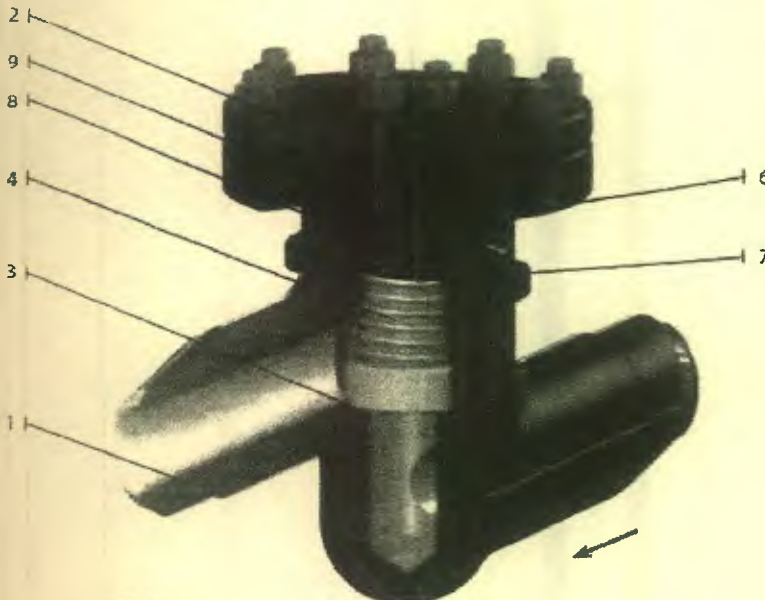
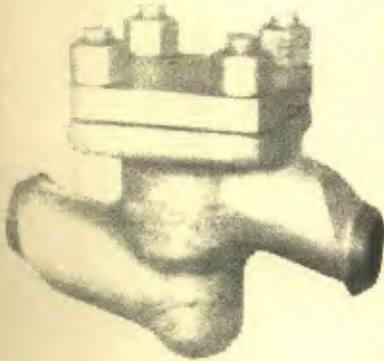
NOMINAL PRESSURE PN (bar) 160 bar

BASIC MATERIAL

- 1 - ductile iron
- 2 - cast alloy steel
- 3 - forged/pressed alloy steel
- 4 - forged/pressed carbon steel** oțel carbon forjat/presat
- 5 - cast carbon steel
- 6 - cast iron
- 7 - zinc alloy
- 8 - light metals
- 9 - plastics, rubber (incl. lining)
- 0 - stainless steel

CONTROL METHOD

- 1 - hand wheel
- 2 - gears
- 3 - electric actuator
- 4 - pneumatic actuator
- 5 - adapted for actuators
- 7 - self-working** auto-actionare
- 8 - without control
- 9 - with assisted drive



Position	Component
1	Body
2	Upper bonnet
3	Seat
4	Disc
6	Pressure seal bonnet
7	Spring
8	Gasket
9	Segmented ring



Director CTE VEST
Dan TUDORA

Șef secție Ciclu Combinat
Costin ZISU

[Signature]



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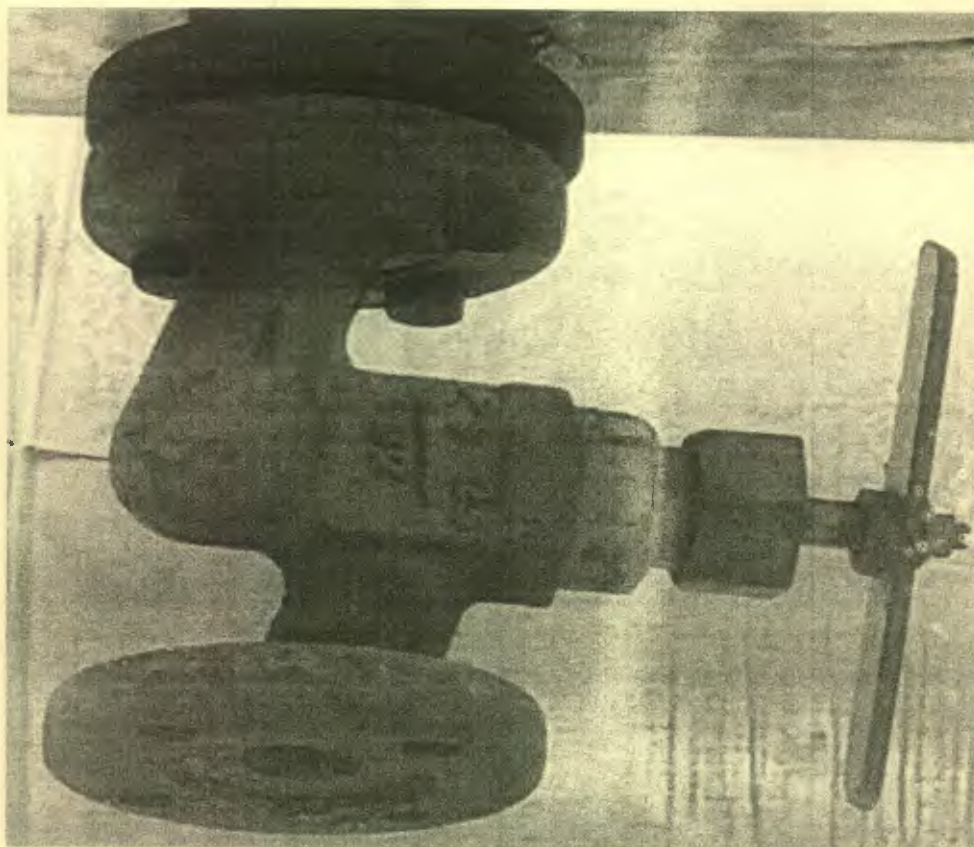


Anexa nr. 2

FISA TEHNICA 2

Ventil drenaj termoficare – 3 buc

Diametru nominal:	32 mm
Temperatura de proiect:	110 °C
Presiunea nominala:	25 bar
Tip conexiune:	flansa
Tip actionare:	manuala cu roata



DRENAJ TERMOFICARE
Dn 32

DIRECTOR

Dan TUDORA



ȘEF SECȚIE e.c.
Costin ZISU



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Anexa nr. 3

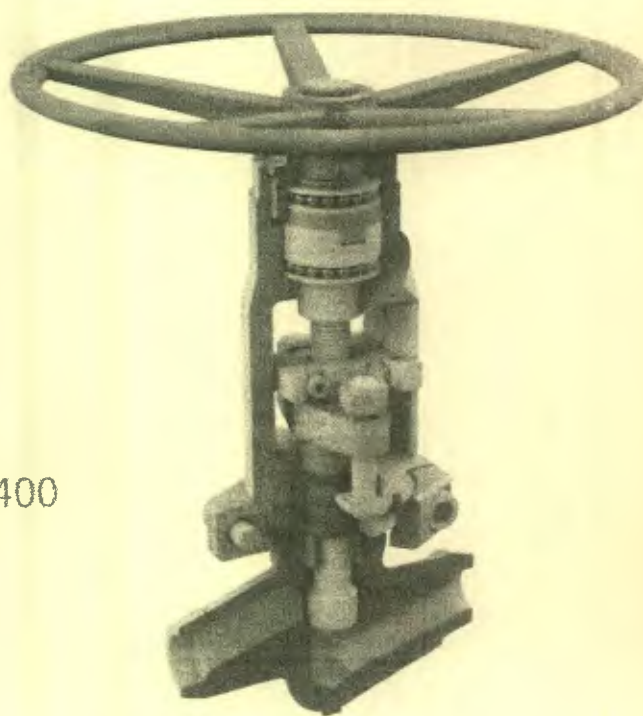
FISA TEHNICA

3

Ventil izolare purja continua tip V46 121 4250 (11HAD20AA651)

Producator:	MOSTRO <i>SAU SIMILAR</i>
Tip:	V46 121 4250
Diametru nominal:	50 mm
Temperatura de proiect:	334 °C
Presiunea nominala:	250 bar
Tip conexiune:	sudura
Tip actionare:	manuala cu roata

MOSTRO
valves
SAU SIMILAR



Globe valve V46
DN 10 – 50, PN 100 – 400



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Valve type

V globe or control valve

Type number

V40.1 control valve, cast, flanged body-bonnet joint
V40.2 control valve, cast, screwed body-bonnet joint
V40.3 control valve, forged, flanged body-bonnet joint
V40.4 control valve, forged, screwed body-bonnet joint
V40.5 control valve, cast or forged, with self-sealing bonnet

V46.1 (former V30) globe valve, cast, flanged body-bonnet joint
V46.2 globe valve, cast, screwed body-bonnet joint
V46.3 globe valve, forged, flanged body-bonnet joint
V46.4 globe valve, forged, screwed body-bonnet joint
V46.5 globe valve, cast or forged, with self-sealing bonnet
V46.6 (former V25) globe valve, cast or forged, with bellows

Connection

1 flanged ends
2 butt-welding ends prindere prin sudura
3 threaded ends
7 socket welding ends

Operation

1 handwheel actionare cu roata
2 manual gear operator
3 electric actuator
4 pneumatic or hydraulic actuator
5 remote control

Body material

0 corrosion resistant steel
2 cast steel
3 forged alloy steel
4 forged carbon steel corp din otel-carbon forjat
5 cast carbon steel

DIRECTOR C.T.E. VEST
Dam
*TUDORA
ELECTROCENTRALE BUCUREȘTI S.A.
BUCUREȘTI
VEST
BUCUREȘTI

ȘEF SECȚIE C.C.
Costin ZISU
huthm.



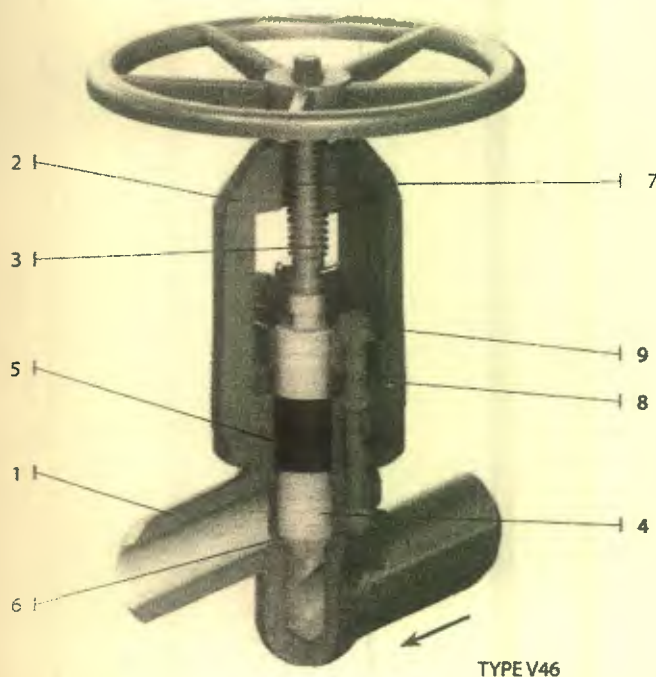
Anexa nr. 4

FISA TEHNICA

4

Ventil tip V46 121 463 (11HAA50AA501)

Producator:	WAKMET SAU SIMILAR
Tip:	V46 121 463
Mediu de lucru:	apa
Diametru nominal:	50 mm
Temperatura de proiect:	250 °C
Presiunea nominala:	63 bar
Tip conexiune:	sudura
Tip actionare:	manuala cu roata



Position	Component
1	Body
2	Bonnet
3	Top stem
4	Bottom stem
5	Packing
6	Seat
7	Stem nut
8	Bolts
9	Nuts

Desenarea de design

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Valve type

V ... globe or control valve

Type number

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V40.5 control valve, cast or forged, with self-sealing bonnet

V46.1 (former V30)	globe valve, cast, flanged body-bonnet joint
V46.2	globe valve, cast, screwed body-bonnet joint
V46.3	globe valve, forged, flanged body-bonnet joint
V46.4	globe valve, forged, screwed body-bonnet joint
V46.5	globe valve, cast or forged, with self-sealing bonnet
V46.6 (former V25)	globe valve, cast or forged, with bellows

Connection

1 ... flanged ends
2 ... butt-welding ends prindere prin sudura
3 ... threaded ends
7 ... socket welding ends

Operation

1 ... handwheel actionare cu roata
2 ... manual gear operator
3 ... electric actuator
4 ... pneumatic or hydraulic actuator
5 ... remote control

Body material

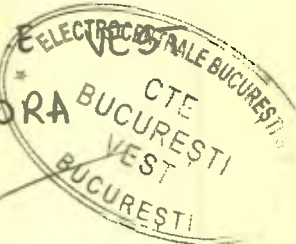
0 ... corrosion resistant steel
2 ... cast steel
3 ... forged alloy steel
4 ... forged carbon steel corp din otel-carbon forjat
5 ... cast carbon steel

DIRECTOR

C.T.

Dan

TUDORA



ȘEF SECȚIE C.C.

Gostim

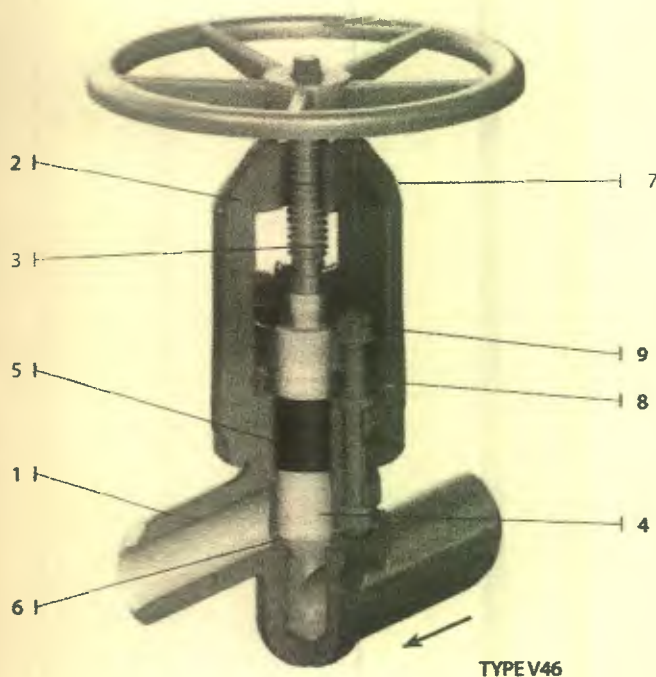
ȚISU

FISA TEHNICA 5

Ventil tip V46 121 4250

(11LAB61/62AA501;11LAB61/62AA651;11LAB61/62AA652)

Producator:	WAKMET SAU SIMILAR
Tip:	V46 121 4250
Mediu de lucru:	apa
Diametru nominal:	25 mm
Temperatura de proiect:	171 °C
Presiunea nominala:	250 bar
Tip conexiune:	sudura
Tip actionare:	manuala cu roata



Position	Component
1	Body
2	Bonnet
3	Top stem
4	Bottom stem
5	Packing
6	Seat
7	Stem nut
8	Bolts
9	Nuts

REFULARE EP alina 1 m2



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Valve type

V globe or control valve

Type number

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V46.2 globe valve, cast, screwed body-bonnet joint
V46.3 globe valve, forged, flanged body-bonnet joint
V46.4 globe valve, forged, screwed body-bonnet joint
V46.5 globe valve, cast or forged, with self-sealing bonnet
V46.6 (former V25) globe valve, cast or forged, with bellows

Connection

1 flanged ends
2 butt-welding ends prindere prin sudura
3 threaded ends
7 socket welding ends

Operation

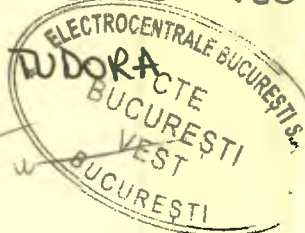
1 handwheel actionare cu roata
2 manual gear operator
3 electric actuator
4 pneumatic or hydraulic actuator
5 remote control

Body material

0 corrosion resistant steel
2 cast steel
3 forged alloy steel
4 forged carbon steel corp din otel-carbon forjat
5 cast carbon steel

DIRECTOR C.T.E. VEST

Dan



ȘEF SECȚIE C

Gestim ZISU

[Signature]



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Anexa nr. 6

FISA TEHNICA

6

Ventil tip V46 123 4250 (11LAB61/62AA101)

Producator: WAKMET SAU SIMILAR

Tip: V46 123 4250

Mediu de lucru: apa alimentare

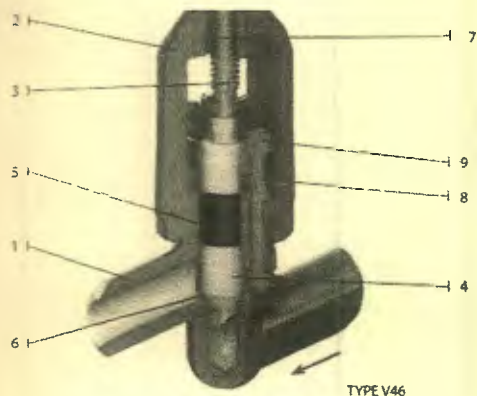
Diametru nominal: 25 mm

Temperatura de proiect: 171 °C

Presiunea nominala: 250 bar

Tip conexiune: sudura

Tip actionare: electrica tip SIPOS 5



TYPE V46

Position	Component
1	Body
2	Stem
3	Top stem
4	Bottom stem
5	Packing
6	Seal
7	Stem nut
8	Bolts
9	Nuts



IZOLARE FPA 112

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Valve type

V ... globe or control valve

Type number

V40.1 control valve, cast, flanged body-bonnet joint
V40.2 control valve, cast, screwed body-bonnet joint
V40.3 control valve, forged, flanged body-bonnet joint
V40.4 control valve, forged, screwed body-bonnet joint
V40.5 control valve, cast or forged, with self-sealing bonnet

V46.1 (former V30) globe valve, cast, flanged body-bonnet joint
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V46.4 globe valve, forged, screwed body-bonnet joint
V46.5 globe valve, cast or forged, with self-sealing bonnet
V46.6 (former V25) globe valve, cast or forged, with bellows

Connection

1 ... flanged ends
2 ... butt-welding ends prindere prin sudura
3 ... threaded ends
7 ... socket welding ends

Operation

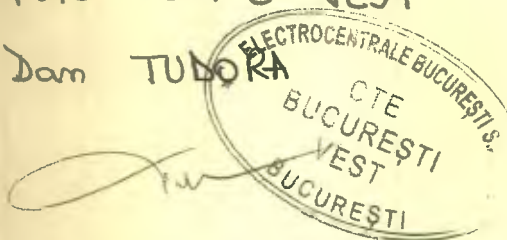
1 ... handwheel
2 ... manual gear operator
3 ... electric actuator actionare electrica
4 ... pneumatic or hydraulic actuator
5 ... remote control

Body material

0 ... corrosion resistant steel
2 ... cast steel
3 ... forged alloy steel
4 ... forged carbon steel otel carbon forjat
5 ... cast carbon steel

DIRECTOR C.T.E. VEST

Dan TUDORA



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Costin ZISU



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Anexa nr. 7

FISA TEHNICA

7

Ventil reglaj purja continua 11HAD20AA171

Date tehnice:

Tip:

V40 123 4250 FIG 674

Producator:

WAKMET SAU SIMILAR

DN:

50 mm

Temperatura de proiect:

334°C

Presiunea nominala:

250 bar

Conexiune:

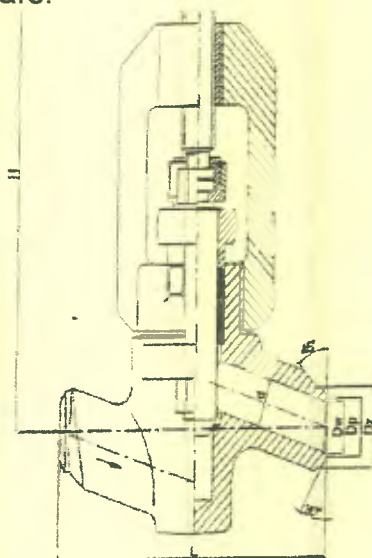
sudura

Tip actionare:

electrica

SIPOS

5



KAT.NR.	DN	L	H	h	Dt	Gewicht Weight
649ABC	15	160	235	15	160	8.00
	20	160	240	15	200	9.00
	25	180	240	15	200	9.00
	30	300	365	27	320	30.00
	40	300	365	27	320	30.00
674ABC	50	300	365	27	360	30.00
	65	420	450	35	400	40.00
	80	380	580	40	400	70.00
	100	430	620	55	400	80.00
	125	500	670	65	400	125.00

PURGE CONTINUA



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Valve type

V ... globe or control valve

Type number

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V46.6 (former V25)	globe valve, cast or forged, with bellows

Connection

- 1 ... flanged ends
2 ... butt-welding ends
3 ... threaded ends
7 ... socket welding ends

Operati

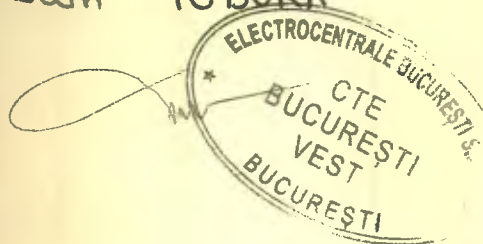
- 1 ... handwheel
2 ... manual gear operator
3 ... electric actuator
4 ... pneumatic or hydraulic actuator
5 ... remote control

Body material

- 0 ... corrosion resistant steel
2 ... cast steel
3 ... forged alloy steel
4 ... forged carbon steel
5 ... cast carbon steel

DIRECTOR C.T.E VEST

Dan TUDORA



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Gostin ZISU

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