KURGAN
SPETSARMATURA

PIPELINE VALVES FOR NPP's

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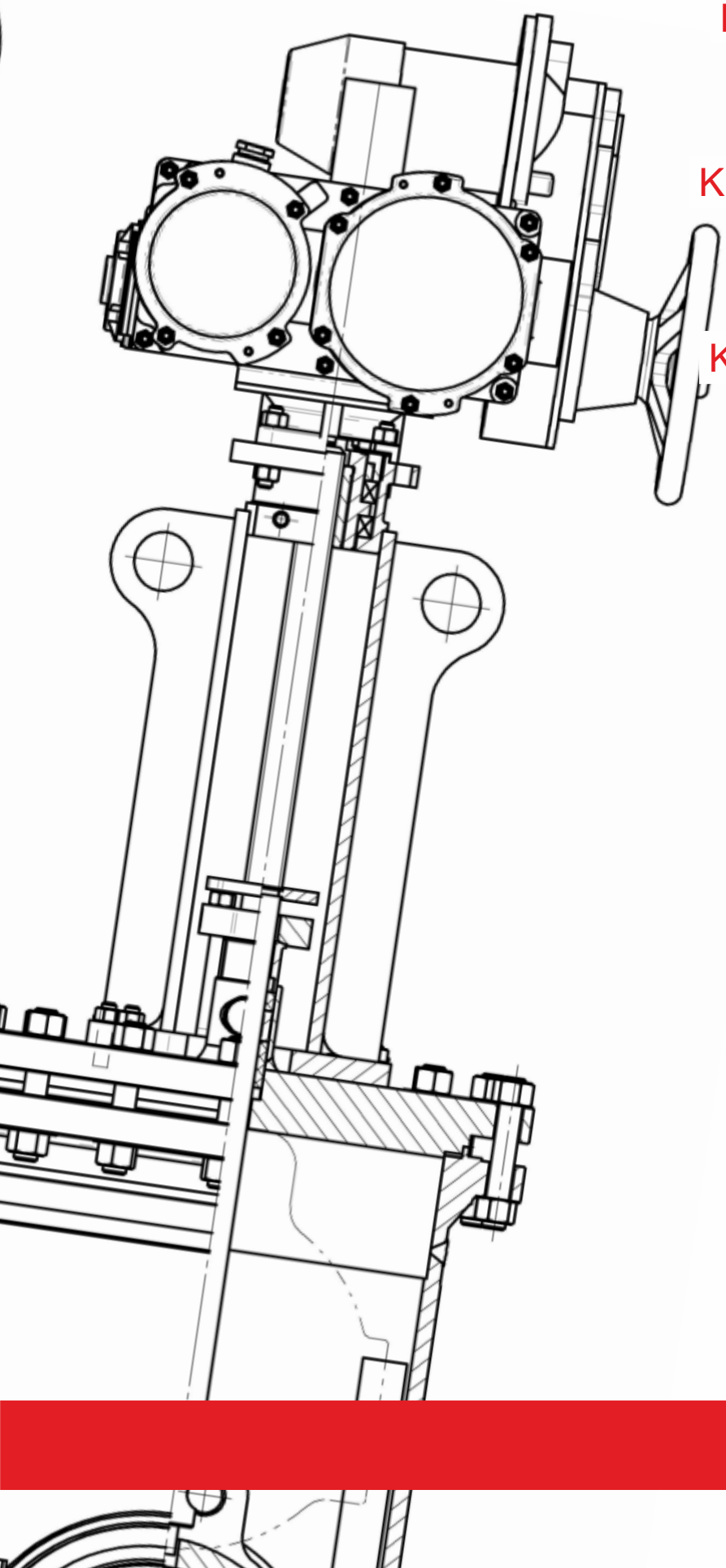


WEDGE VALVES

KSA 11025, KSA 11040

DN80–1200

CLASSIFICATION BY NP-068-05

2BIIв, 2BIIIв, 3CIIIв, for DN1200 - 3CIIIc

SEISMIC RESISTANCE BY NP-031-01

CATEGORY I

Manufacturing & Delivery
TU 3741-017-62603588-2011

MEDIUM PRESSURE

2,5-4,0 MPa,
for DN1200 0,2-0,9 MPa

MEDIUM TEMPERATURE

up to 250°C,
for DN1200 up to 177°C

MEDIUM

08X18H10T:
All media by NP-068-05,
except for slurry
For steel 20: Water (make-up, feed, flush, process, shower), decontamination solutions, condensate, oils, nitrogen, steam, steam-air mixture (characteristics in accordance with NP-068-05)

BODY MATERIAL

08X18H10T
steel 20

SHUTOFF CLASS

B, C, D by GOST 9544-2015
at customer's request with
a pressurizer

ROD SEALING

Gland seal

CONTROL

CJSC «Tulaelektroprivod»
TU 3791-006-05749406-2000
& TU 3791-004-7078-838-2007;
AUMA
TU 3791-003-38959426-2007;
ZPA Pecky
TU 422-99-008/87A
& TU 422-99-007/88A
Manual

PIPELINE CONNECTION

Welding

MEDIUM FEED DIRECTION

Any

INSTALLATION POSITION

For electric drive valves - any with the location of the control body in the upper hemisphere. Relative to the horizontal plane, the recommended position is vertical. The installation position of valves with manual control - any

STOP VALVES

FOR INSTRUMENTATION

KSA 26410, KSA 21150

DN6–15

CLASSIFICATION BY NP-068-05

2BIIв, 2BIIIв, 3CIIIв, 2BIIa, 2BIIIa, 3CIIIa

SEISMIC RESISTANCE BY NP-031-01

CATEGORY I

Manufacturing & Delivery
TU 3742-011-62603588-2010

MEDIUM PRESSURE

For KSA 26410 20 MPa
For KSA 21150 2,5-20 MPa

MEDIUM TEMPERATURE

up to 350°C

MEDIUM

08X18H10T:
Primary coolant, gas-vapor mixture, primary circuit swept-off gas, repeated forced circulation circuit water, feed water, condensate, CPS circuit cooling water, drain water, salt condensate, acid, alkali, air, nitrogen, decontamination and washing solutions, process water
Steel 20:
Oil, steam, condensate, feed water, air, nitrogen, decontamination and washing solutions, process water

BODY MATERIAL

08X18H10T
steel 20

SHUTOFF CLASS - A
by GOST 9544-2015

SHUTOFF CLASS

B, C, D by GOST 9544-2015
at customer's request with a pressurizer

CONTROL

Electric drive:
CJSC «Tulaelektroprivod»
TU 3791-006-05749406-2000
AUMA
TU 3791-003-38959426-2007;
Manual

PIPELINE CONNECTION

Welding

ROD SEALING

for KSA 26410 – gland seal
for KSA 21150 – bellows-sealed

MEDIUM FEED DIRECTION

To and under the slide valve

INSTALLATION POSITION

The installation position of valves with electric drive on the pipeline - any with the location of the control body in the upper hemisphere relative to the horizontal plane, the recommended position is vertical. The installation position of manually operated valves - any

BELLOWS-

OPERATED STOP VALVES

KSA 26362, KSA 26370

DN6;10;15;20;25;32;50;65;80;100;125;150

CLASSIFICATION BY NP-068-05

For KSA26362: 2BIIв, 2BIIIв, 3CIIIв, 2BIIIc, 3CIIIc
For KSA26370: 2BIIa, 2BIIIa, 3CIIIa

SEISMIC RESISTANCE BY NP-031-01

CATEGORY I

Manufacturing & Delivery
TU 3742-012-62603588-2010

MEDIUM PRESSURE

For KSA 26362 1,0-4,0 MPa
For KSA 26370 6,0-25,0 MPa

MEDIUM TEMPERATURE

For KSA 26362: up to 450°C
For KSA 26370: up to 350°C

MEDIUM

08X18H10T:
Liquid and gaseous mildly aggressive media, primary coolant, acid, alkali, gas-vapor mixture, distillate, feed water, condensate, repeated forced circulation circuit water, cooling water of control and protection system circuit, air, nitrogen, slurry, decontamination and washing solutions
Steel 20:
Inert gaseous media, Liquid non-corrosive media, oil, steam, condensate, feed water, air, nitrogen, decontamination and washing solutions

BODY MATERIAL

With offset pipe connectors, with coaxial pipe connectors, direct flow

SHUTOFF CLASS – A
by GOST 9544-2015

CONTROL

Electric drive:
CJSC «Tulaelektroprivod»
TU 3791-006-05749406-2000
AUMA
TU 3791-003-38959426-2007;
Manual
Articulated coupling

PIPELINE CONNECTION

Welding

ROD SEALING

Bellows-sealed

MEDIUM FEED DIRECTION

To and under the slide valve

INSTALLATION POSITION

The installation position of valves with electric drive on the pipeline - any with the location of the control body in the upper hemisphere relative to the horizontal plane, the recommended position is vertical. The installation position of manually operated valves - any

BELLOWS-OPERATED

CONTROL VALVES

KSA 27025

DN10;15;20;25;32;50;65;80;100;125;150

CLASSIFICATION BY NP-068-05

2BIIв, 2BIIIв, 3CIIIв

SEISMIC RESISTANCE BY NP-031-01

CATEGORY I

Manufacturing & Delivery
TU 3742-016-62603588-2010

MEDIUM PRESSURE

2,5 MPa

MEDIUM TEMPERATURE

250°C

MEDIUM

08X18H10T:
Liquid and gaseous mildly aggressive media, gas-vapor mixture, distillate, feed water, condensate, repeated forced circulation circuit water, cooling water of control and protection system circuit, air, nitrogen, slurry, decontamination and washing solutions

Steel 20:
Inert gaseous media, Liquid non-corrosive media, oil, steam, condensate, feed water, air, nitrogen, decontamination and washing solutions

BODY MATERIAL

08X18H10T
steel 20

CONTROL

Electric drive:
CJSC «Tulaelektroprivod»
TU 3791-006-05749406-2000
AUMA
TU 3791-003-38959426-2007;
Manual
Articulated coupling

PIPELINE CONNECTION

Welding

ROD SEALING

Bellows-sealed

MEDIUM FEED DIRECTION

To and under the slide valve

INSTALLATION POSITION

The installation position of valves with electric drive on the pipeline - any with the location of the control body in the upper hemisphere relative to the horizontal plane, the recommended position is vertical. The installation position of manually operated valves - any

RETURN

VALVES

КСА 41040

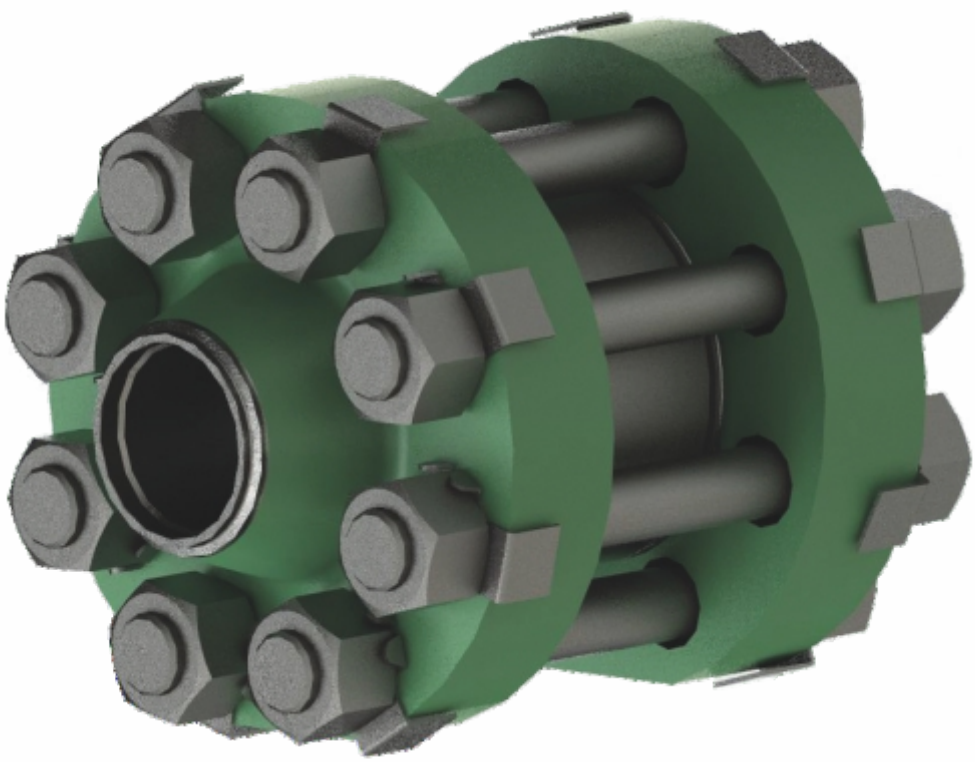
DN6;10;15;20;25;32;50;65;80;100;125;150

CLASSIFICATION BY NP-068-05

2BIIa,2BIIв,2BIIIa,2BIIIв,2BIIIc, 3CIIIa,3CIIIв, 3CIIIc

SEISMIC RESISTANCE BY NP-031-01

CATEGORY I



Manufacturing & Delivery
TU 3742-028-62603588-2012

MEDIUM PRESSURE

1,0 MPa; 1,6 MPa; 2,5 MPa,
4,0 MPa; 11,0 MPa; 12,0 MPa;
14,0 MPa; 20,0 MPa

MEDIUM TEMPERATURE

up to 250°C

MEDIUM

08X18H10T:
All media by NP-068-05, except for slurry

Steels 20x13:
Make-up water, nitrogen, steam, steam generator water, feed water, condensate, radioactive gases

BODY MATERIAL

08X18H10T
steel 20X13

SHUTOFF CLASS

Break according to NP-068-05

CONTROL

Articulated

PIPELINE CONNECTION

Welding

ROD SEALING

Bellows-sealed

MEDIUM FEED DIRECTION

By indication arrow

INSTALLATION POSITION

On a horizontal pipeline - any
On the vertical pipeline - in the direction of flow of the process medium, with the outlet branch pipe looking upwards

CONTROL

VALVES

KSA 65016

DN200

CLASSIFICATION BY NP-068-05

2BIIIc

SEISMIC RESISTANCE BY NP-031-01

CATEGORY I

Manufacturing & Delivery
TU 3742-029-62603588-2013

MEDIUM PRESSURE

1,6 MPa

MEDIUM TEMPERATURE

up to 70°C

MEDIUM

Process water

BODY MATERIAL

09G2S

SHUTOFF CLASS

by TU3742-029-62603588-2013

CONTROL

Air actuator

PIPELINE CONNECTION

Welding

ROD SEALING

Gland seal

MEDIUM FEED DIRECTION

To slide valve

FLOW CHARACTERISTIC

Linear

INSTALLATION POSITION

Valve installation position - any
Recommended - with the membrane actuator looking up.
When installing the valve in an inclined position, it must be provided with an additional fastening

SODIUM-FILLED

VALVES

KSA 11017

DN10;15;20;25;40;80

CLASSIFICATION BY NP-068-05

2BIIв, 2BIIIc

SEISMIC RESISTANCE BY NP-031-01

CATEGORY I

Manufacturing & Delivery
TU 3741-013-62603588-2010

MEDIUM PRESSURE

1,6 MPa

MEDIUM TEMPERATURE

up to 530°C

MEDIUM

Liquid sodium

BODY MATERIAL

10X18H9

SHUTOFF CLASS

by GOST 9544-2015

CONTROL

Electric drive:
CJSC «Tulaelektroprivod»
TU 3791-006-05749406-2000;
AUMA
TU 3791-003-38959426-2007;
Manual

PIPELINE CONNECTION

Welding

ROD SEALING

Bellows-sealed

MEDIUM FEED DIRECTION

Any

INSTALLATION POSITION

For valves with electric drive - any with the location of the control body in the upper hemisphere relative to the horizontal plane, the recommended position is vertical. The installation position of manually operated valves - any

KURGAN
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KURGANSPETSARMATURA CJSC –
is a leading Russian manufacturer of pipeline valves for critical processes of oil and gas producing companies, chemical, mining industry, processing industries, nuclear and thermal power, specializing in manufacturing products according to individual customer requirements.

The equipment is successfully operated at 8 Russian and foreign NPP's.

The company is a member of the Scientific and Industrial Association of Valve Making

GENERAL DEALER SARATOVENERGOMASHKOMPLEKT CJSC

ENERGOMASHCOMPLECT

410017, RUSSIA, SARATOV, SHELKOVICHNAYA, 37/45
TEL.: (8452) 45-44-33
E-MAIL: EMK@EMK.RU
WWW.EMK.RU

KURGAN
SPETSARMATURA

640011, RUSSIA, KURGAN, UL DOSTOEVSKOGO, 7A
TEL.: (3522) 60-01-66
E-MAIL: INFO@KSA45.RU
WWW.KSA45.RU