

3 WAY ELECTRICAL CONTROL VALVE TYPE 7562E

Description

Three ways electric control valve especially designed for a wide range of fluids like water, thermal oil, etc... These electric valves offer an optimized and modular solution for industrial process.

Characteristics

DN15 to DN300
 Material: Steel 1.0619
 Stainless steel 1.4408
 Iron cast GJL 250 (DN125 – DN200)
 Iron cast GJS 400-18 (DN250 - DN300)
 Flanges ISO PN16, 25, 40 – Class150
 Design ANSI B16.34 PN50
 Temperature range : -60°C à / to +400°C
 Kvs 3,9 to 1450
 Function : mixing or diverting
 Stainless steel – Linear characteristic
 PTFE/Graphite

Options

Pure graphite packing
 Stainless steel bellows
 Soft seal cone
 High temperature insulation
 Flanges with grooves
 Third way facing (see H6-H7)

Actuator

Electric actuators types SBA06 / 08 / 45 / 80 / 200 – SDL50 / 100
 Power supply : 24V, 115V, 230V, 400V
 Signals : 0/4 – 20mA 0-10V – 3 points
 See the electric actuator data sheet

Particular advantages

7562E control valves are designed and built in France, ensure you an excellent reliability related to exceptional performance.

How to order

7562E DN80 PN40 KVs 100 servomoteur / actuator SBA 45

Certification

DESP; ATEX II 2 G/D; ISO9001 / PED; ATEX II 2 G/D; ISO9001



CONE TYPES

Mixing cone (Y)

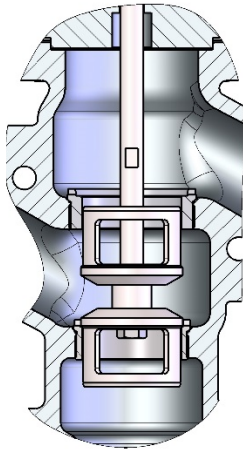
Characteristic : Linear

Material : 1.4404

Sealing : Métal / metallic tight

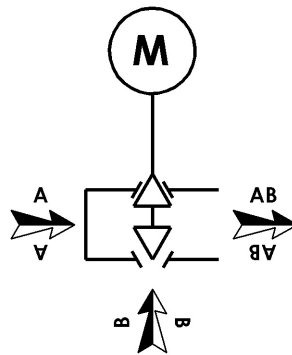
Tightness Class : Classe III (<0.1% Kvs) ANSI B16-104/ FCI 70-2-2006 (EN 60534-4)

Application : Mixing Three ways valves (standard)



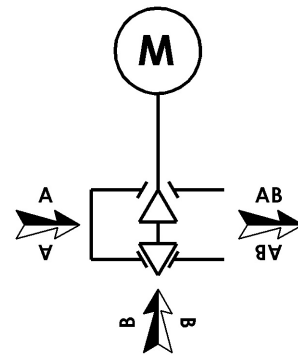
CLAPET MÉLANGEUR
MIXING CONE (Y)

Spindle in without signal



Voie/Way A → AB
NF par manque de signal
NC without signal

Spindle out without signal



Voie/Way B → AB
NF par manque de signal
NC without signal

Diverting cone (Z)

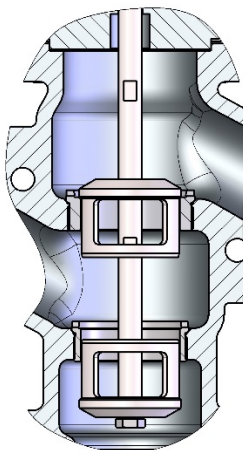
Characteristic : Linear

Material : 1.4404

Sealing : Metallic tight

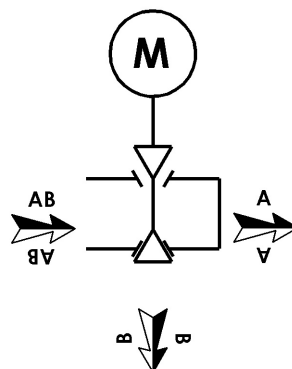
Tightness class : Classe III (<0.1% Kvs) ANSI B16-104/ FCI 70-2-2006 (EN 60534-4)

Application : Diverting three ways valves



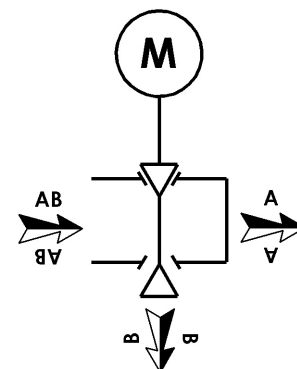
CLAPET RÉPARTITEUR
DIVERTING CONE (Z)

Spindle in without signal



Voie/Way AB → A
NF par manque de signal
NC without signal

Spindle out without signal



Voie/Way AB → B
NF par manque de signal
NC without signal

Packing

PTFE/Graphite

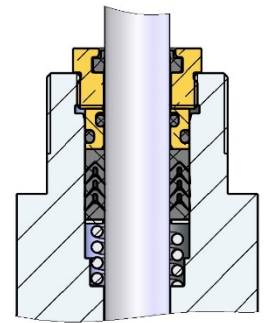
Chevron ring with spring

Max temperature : 250°C,

Max pressure : 50 bar

Application: Water, steam, oil, gaz...

See pressure/temperature charts



**GARNITURE PTFE CHARGE GRAPHITE
PTFE WITH GRAPHITE PACKING**

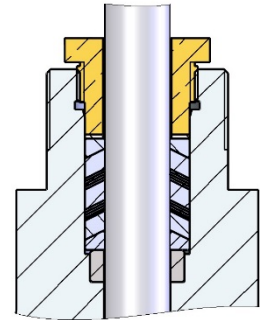
Pure graphite (option)

Max temperature : 400°C,

Max pressure : 50 bar

Application : Water, steam, etc...

See pressure/temperature charts



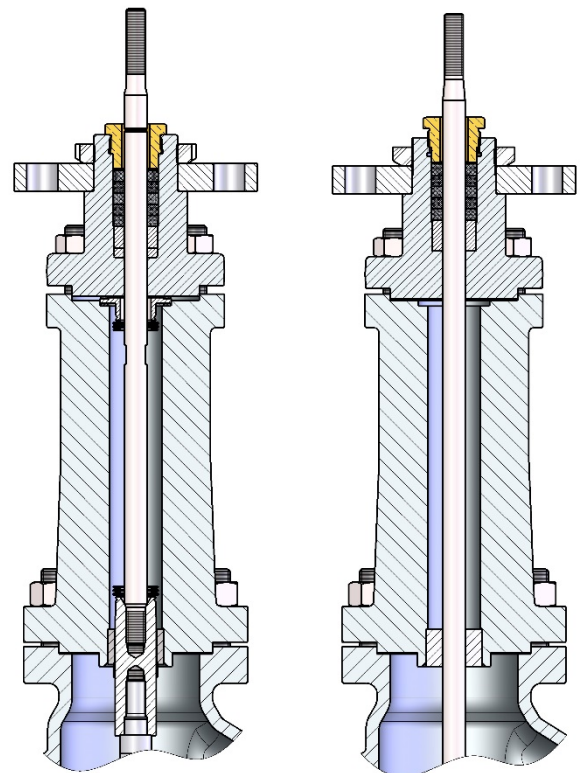
**GARNITURE GRAPHITE
PURE GRAPHITE PACKING**

Stainless steel bellows with graphite safety stuffing box (option)

Max temperature : 350°C,

Max pressure : 20 bar

See pressure/temperature charts



STAINLESS STEEL BELLOWS SEALING

HIGH TEMPERATURE INSULATION

High temperature insulation (option)

Max temperature : 400°C,

Max pressure : 50 bar

See pressure/temperature charts

Temperature limits

Temperature (°C)	-60	-25	-10	20	100	200	250	350	400
PTFE/Graphite Packing									
Graphite Packing									
Cold Packing									
Stainless steel bellows									
Insulation									
Stuffing box heater									
Steel body									
Stainless steel body									
Cast iron body									

General Characteristics

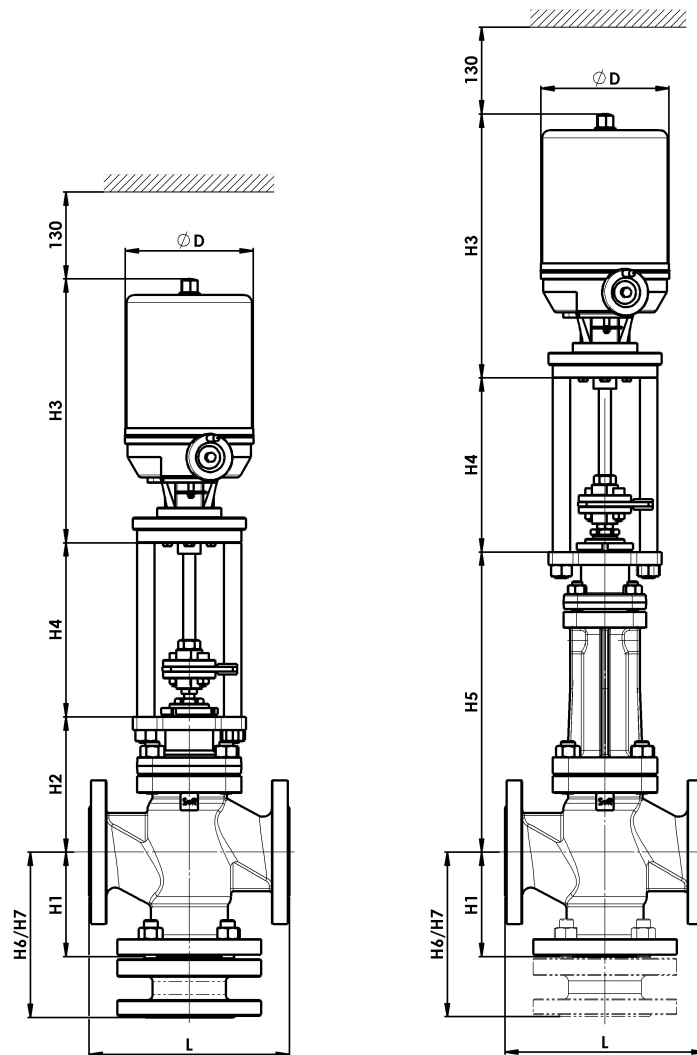
DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300								
Ø Siège / Seat																						
Type Y	25	25	32	32	50	50	65	80	100	100	125	125	150	125	150	200	150	200	250	200	250	300
Type Z	25	25	32	32	50	50	65	80/65	100/80	100	125	125	150	125	150	200	150	200	250	150	200	250
Stroke																						
Type Y	15	15	20	20	20	20	20	40	40	40	40	40	50	50	50	80	60	60	60	80		
Type Z	15	15	20	20	20	20	20	30/40*	30/40*	40	40	40	50			80						80
Kvs																						
Type Y	3,9	5,5	10	12	29	34	60	91	148	155	230	230	325	230	325	630	360	715	970	720	1100	1450
Type Z	3,9	5,5	10	12	29	34	60	91	148	155	230	230	325	230	325	630	360	715	970	720	1100	1450
								Voie B														
								63	100													

Possible value in option on way B with compensation flange

Maxi Differential Pressure

DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300								
Stroke (mm)	15	15	20	20	20	20	20	40	40	40	40	40	40	50	80	50	80	50	80			
Seat Ø (mm)	25	25	32	32	50	50	65	80	100	100	125	125	150	125	150	200	200	250	250	300		
Kvs	3,9	5,5	10	12	29	34	60	91	148	155	230	230	325	230	325	630	360	715	950	950	1450	
Actuator	Force (kN)	Maxi Differential Pressure (bar)																				
SBA 06.2	0,9	7,7	7,7	4,2	4,2	1,1	1,1	0,4														
SBA 06.3	1,2	14	14	7,9	7,9	2,6	2,6	1,3														
SBA 08	4	40	40	42,7	42,7	16,9	16,9	9,7														
SBA 45.3	4,5	40	40	40	40	19,5	19,5	11,2	7	4,3												
SBA 45,4	6			40	40	27,1	27,1	15,7	10	6,2												
SDL 50	7					32,2	32,2	18,8	12	7,5												
SBA 80.1	6					27,1	27,1	15,7	10	6,2	6,1	3,7	3,7	2,5	3,7	2,5						
SBA 80.3	12					40	40	33,8	21,9	13,9												
SBA 80.4	15								27,9	17,7	18	11,1	11,1	7,6	11,1	7,6	4,2	4				
SDL 100	15										17,5	11,1	11,1	7,6	11,1	7,6	4,2	4	2,5	2,5	1,7	
SBA 200.2	20										23,9	15,2	15,2	10,6	15,2	10,4	5,8	5,6	3,5	3,5	2,4	
SBA 200.3	25														19,2	13,3	7,4	7,2	4,6	4,6	3,1	

Dimensions DN15 – DN100



DN	15	20	25	32	40	50	65	80	100
L	130	150	160	180	200	230	290	310	350
H1	70	80	85	100	105	120	130	140	150
H2	139	128	139	138	160	156	162	178	198
H5	327	320	326	325	350	345	344	353	381
H6	150	150	150	160	175	190	225	240	250
H7	/	110	140	140	162	162	165	215	240
Mass (kg) – Standard	6	6,5	10	12	15	19	26	30	49
Mass (kg) – Standard + Ext.	8	8,5	13	15	20	24	34	42	61
Mass (kg) – Standard + Comp*	7,5	8	13	16	20	25	34	40	62
Mass (kg) – Standard + Ext. + Comp*	9,5	10	16	19	25	30	42	52	74

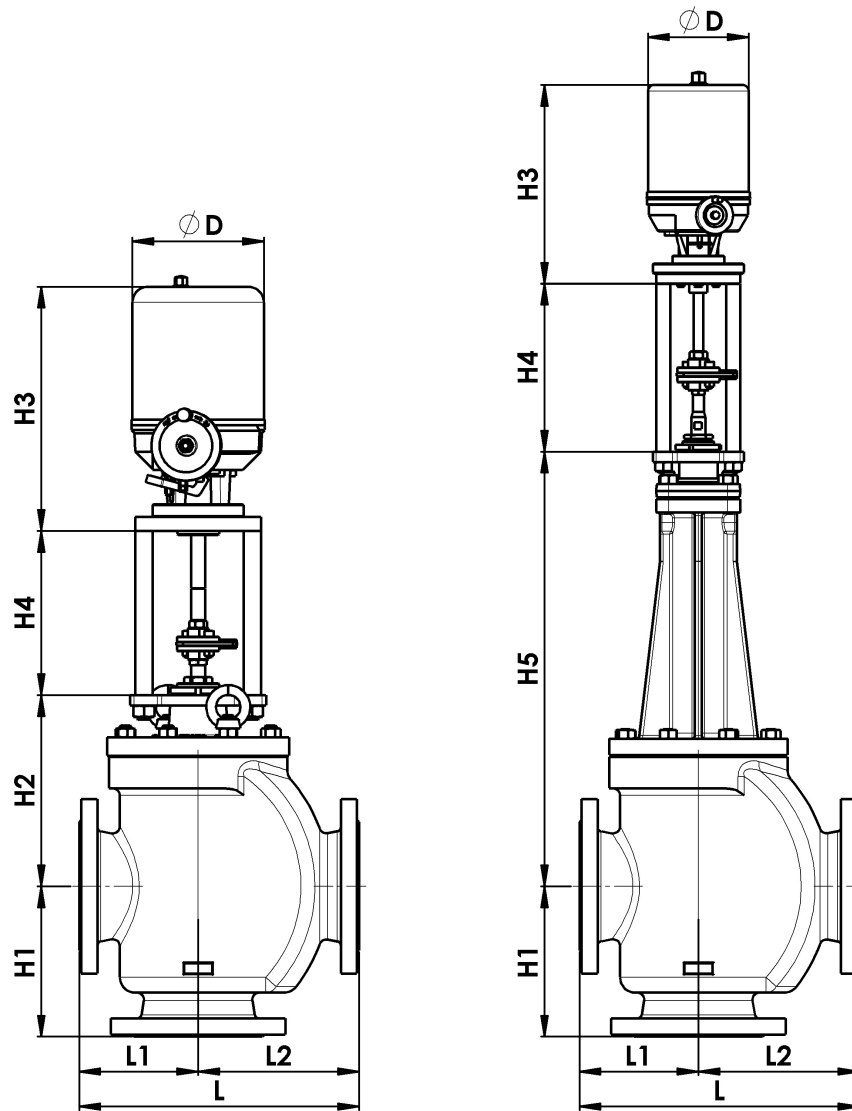
* Extension Flange

All dimensions in mm

	SBA 06	SBA 08	SBA 45	SBA 80	SDL 50
ØD	193	173	145	188	182
H3	99	175	252	304	307
H4	151	200	210	210	165
Mass (kg)	2	X	8	13	8

All dimensions in mm

Dimensions DN125 -DN200



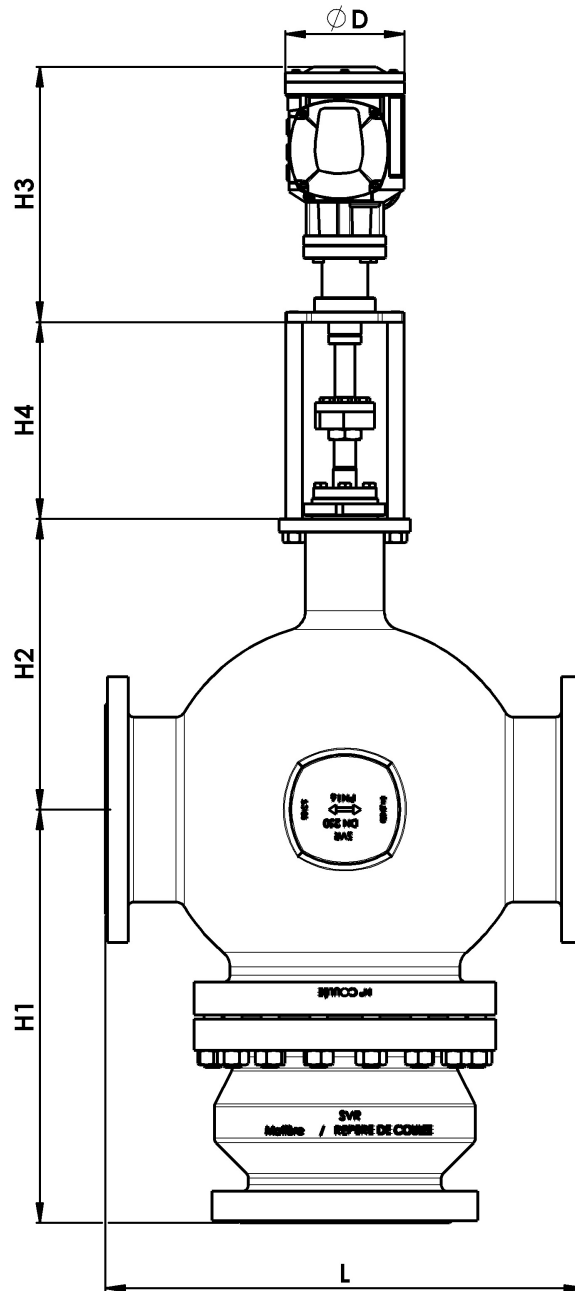
DN	125	150	200
L	400	480	600
L1	170	225	275
L2	230	255	325
H1	215	240	290
H2	274	286	330
H5	622	577	676
Mass (kg) – Standard	132	140	210
Mass (kg) – Standard + Ext.	153	164	244

All dimensions in mm

	SBA 80	SDL 100	SBA 200
ØD	Ø188	Ø182	Ø216
H3	304	272	377
H4	235	235	235
Mass (kg)	13	20	19

All dimensions in mm

Dimensions DN250 - DN300



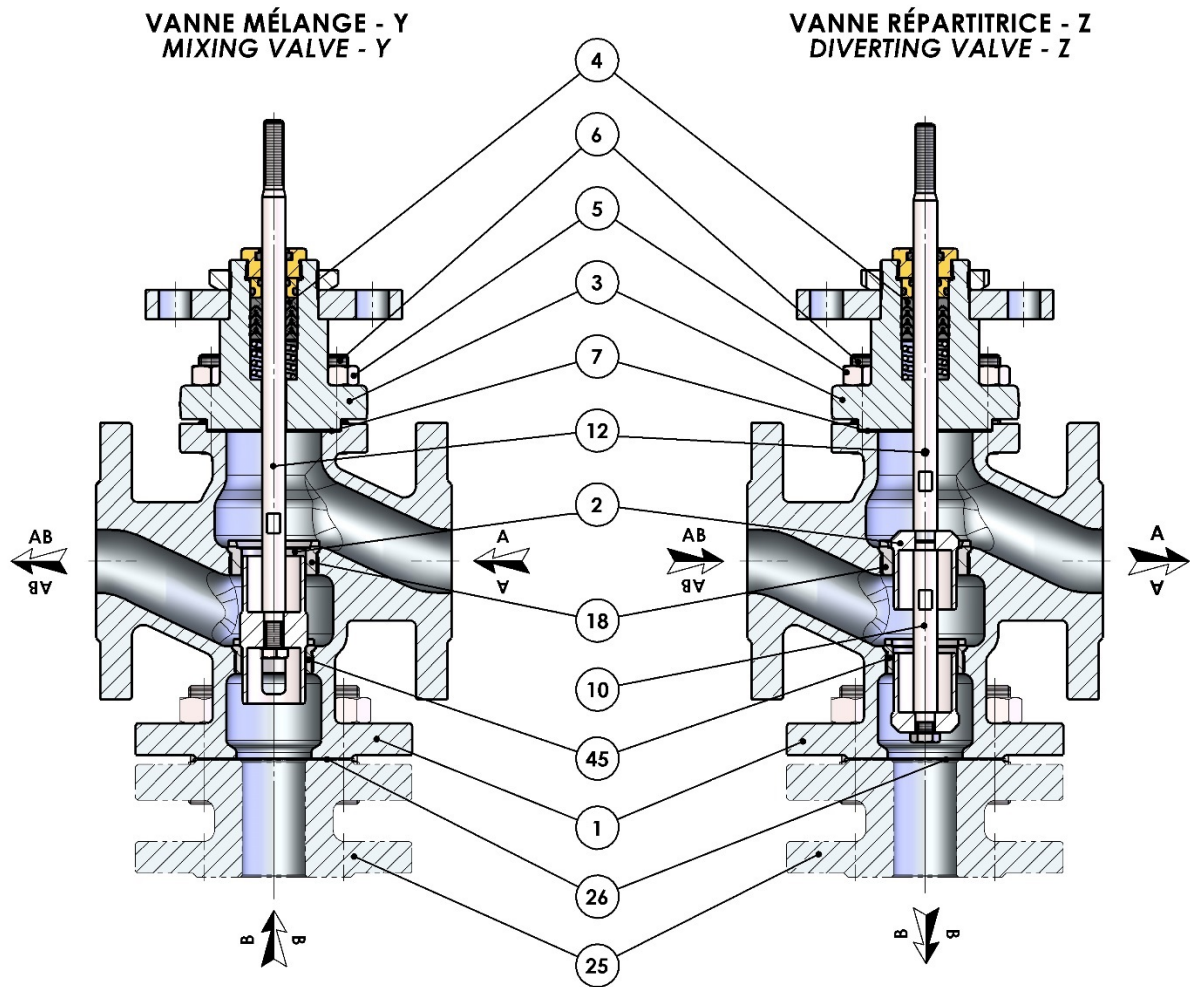
DN	250	300
L	730	850
H1	630	700
H2	800	800
Mass (kg) – Standard	580	600

All dimensions in mm

	SDL 100	SBA 200
ØD	Ø182	Ø216
H3	272	377
H4	235	235
Mass (kg)	20	19

All dimensions in mm

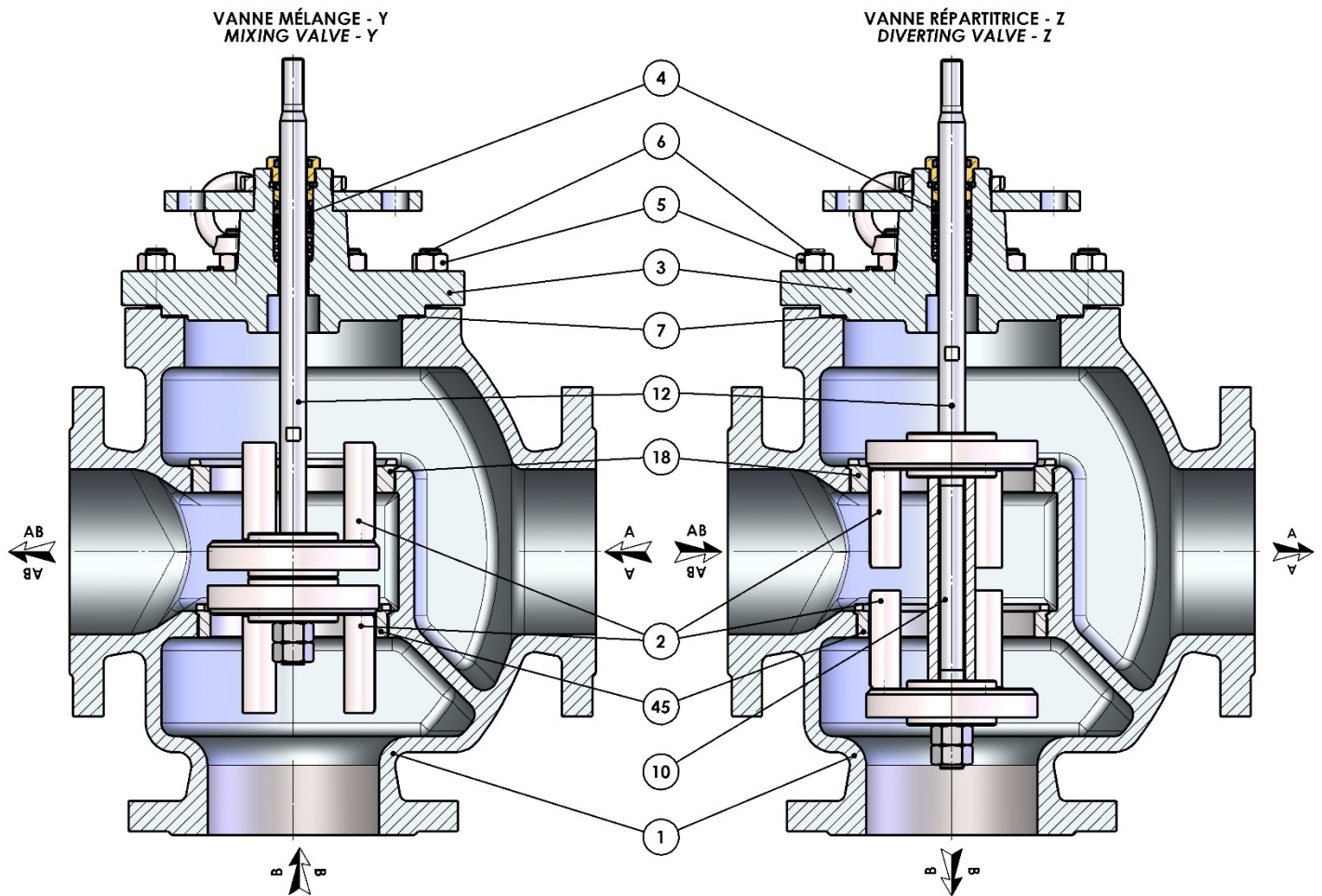
Part List – DN15 - DN100



Rep./Item	Description	Material
1	Body	1.0619- A216 WCB - 1.4408- A351 CF8M
2	Cone	Stainless steel
3	Cover	1.0570 - 1.0619 / 1.4404 - 1.4408
4*	Stuffing box	Brass - Stainless steel
5	Nut	8.8 / A2-70
6	Stud	8.8 / A2-70
7*	Gasket	Graphite
10	Stem	1.4404
12	Intermediate stem	1.4404
18	Upper seat	Hardened stainless steel
25	Flange	S355 – 1.4404
26*	Gasket	Graphite
45	Lower seat	Hardened stainless steel

* Spare List

Part List – DN125 – DN200



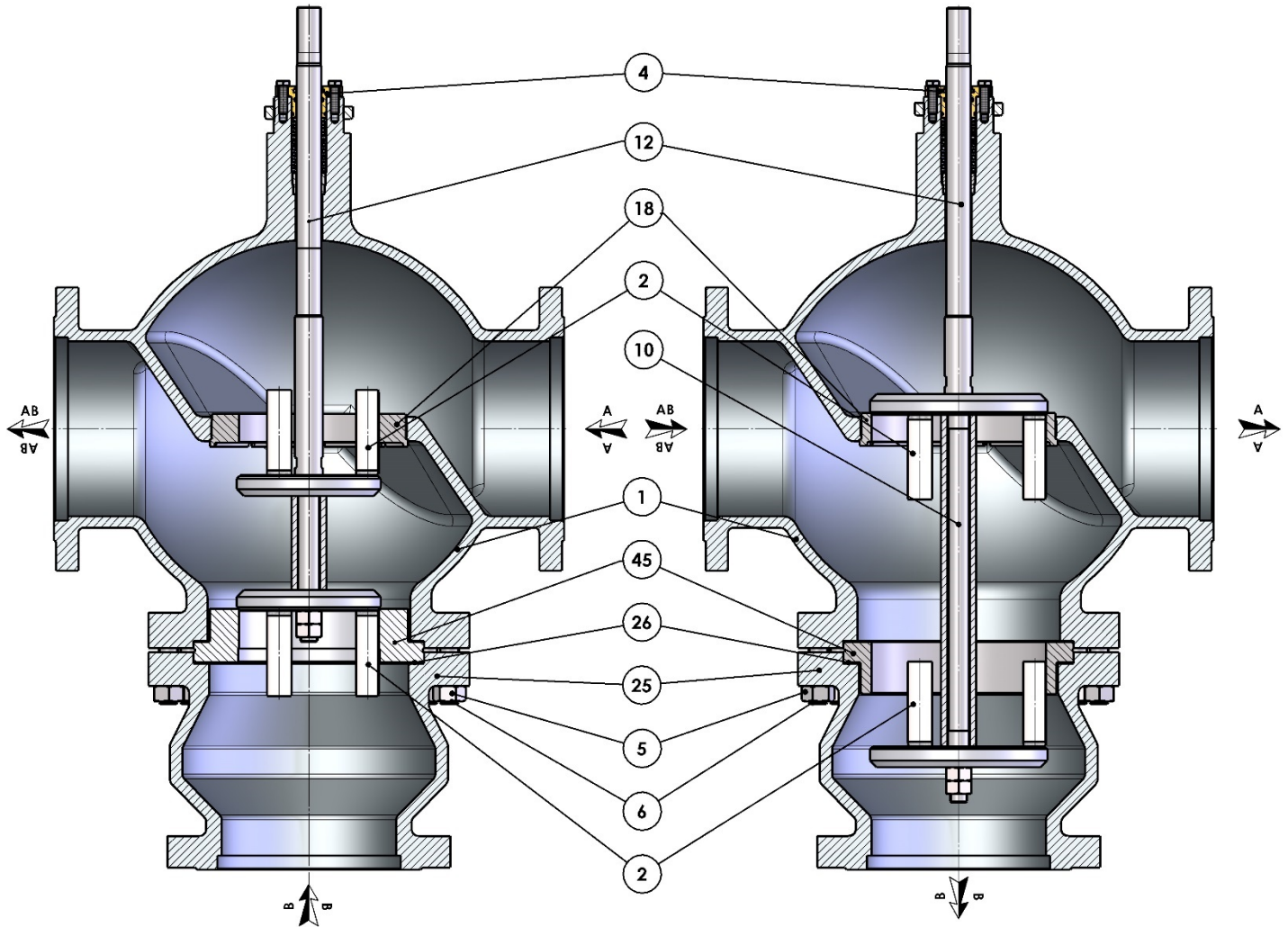
Item	Description	Material
1	Body	1.0619- A216 WCB - 1.4408- A351 CF8M
2	Cone	Stainless steel
3	Cover	1.0570 - 1.0619 / 1.4404 - 1.4408
4*	Stuffing box	Brass - Stainless steel
5	Nut	8.8 / A2-70
6	Stud	8.8 / A2-70
7*	Gasket	Graphite
10	Stem	1.4404
12	Intermediate Stem	1.4404
18	Upper Seat	Hardened stainless steel
45	Lower Seat	Hardened stainless steel

* Spare list

Part List – DN250 – DN300

VANNE MÉLANGE - Y
MIXING VALVE - Y

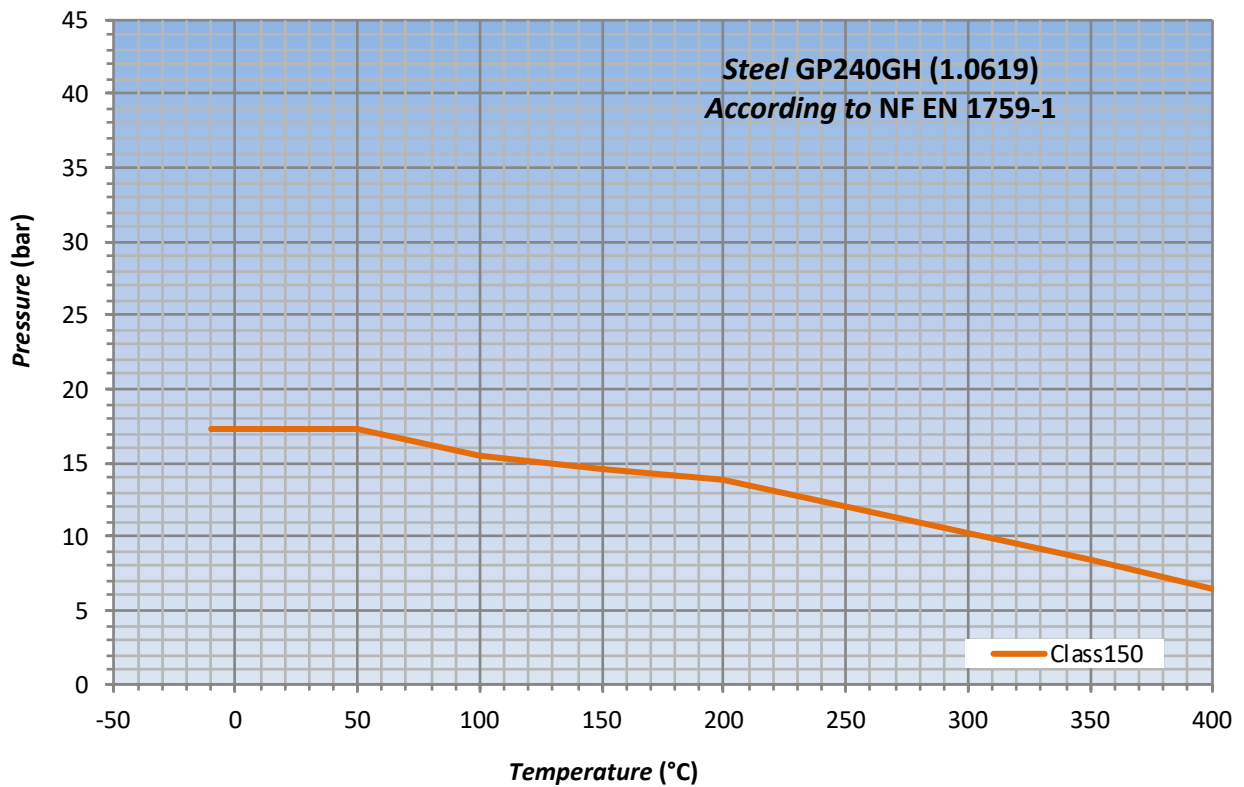
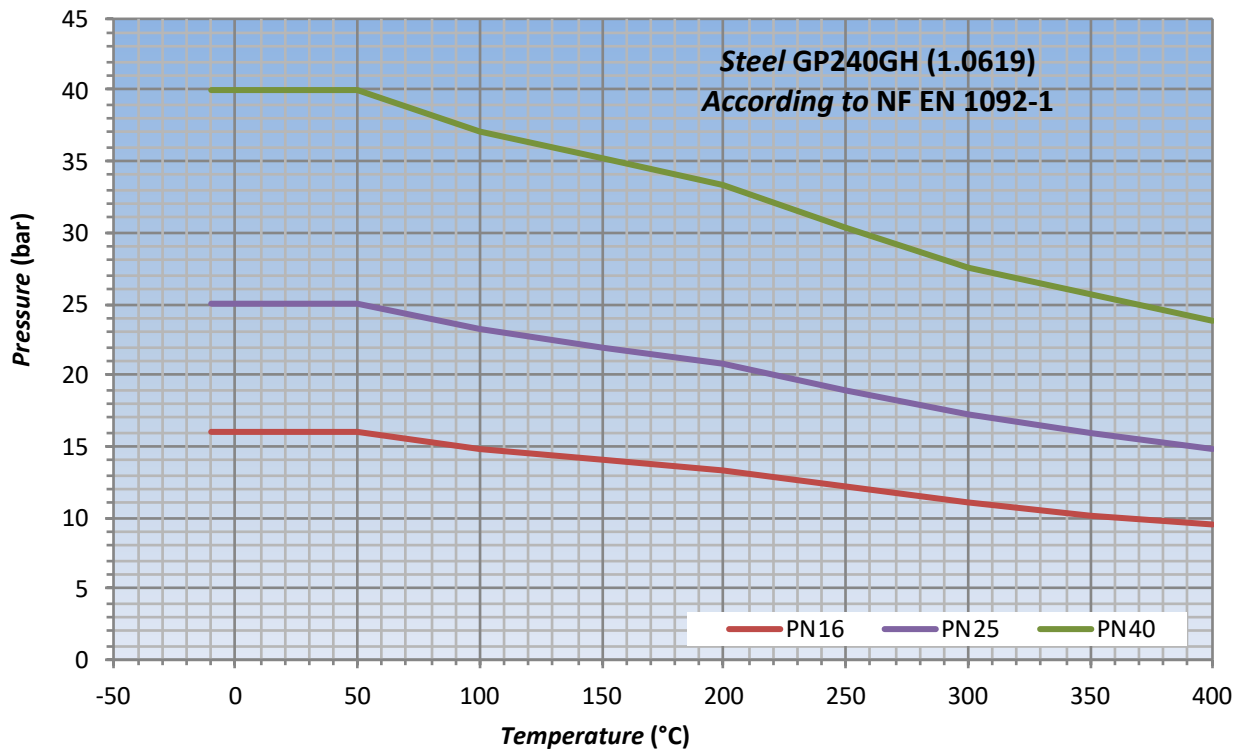
VANNE RÉPARTITRICE - Z
DIVERTING VALVE - Z



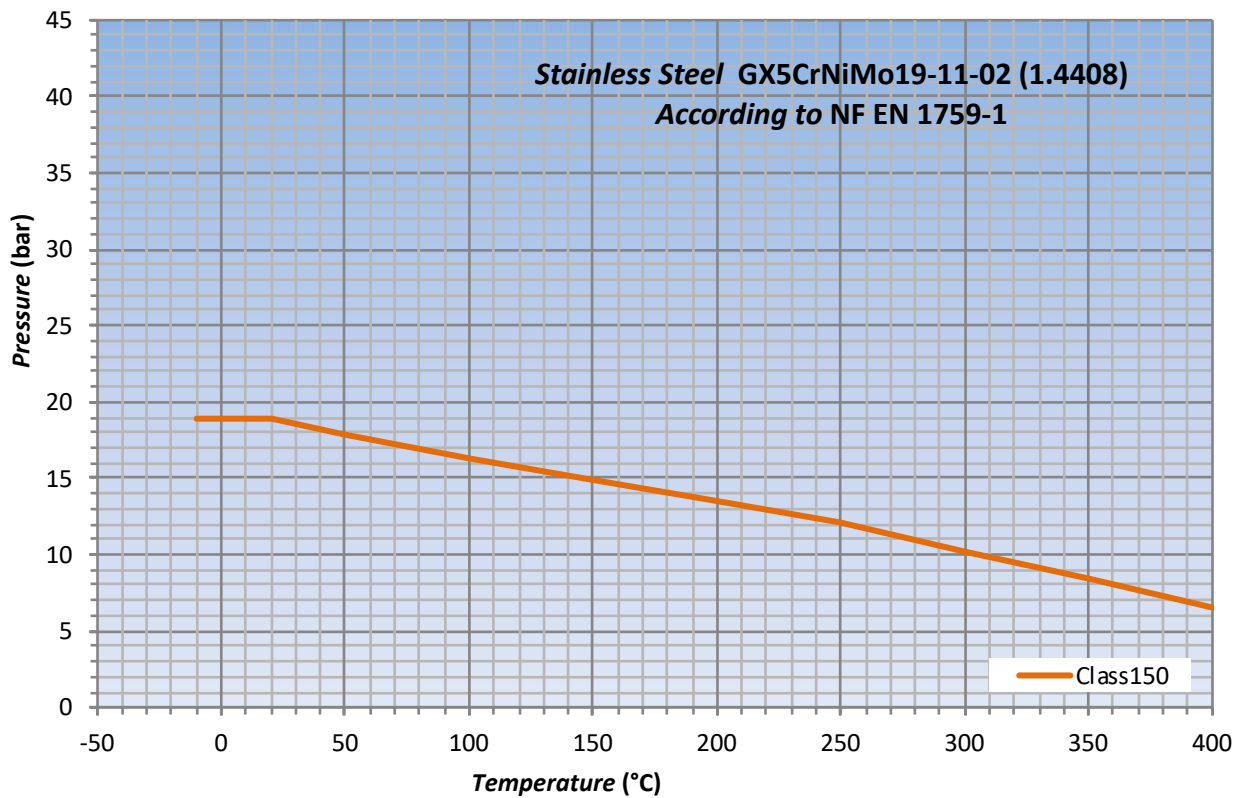
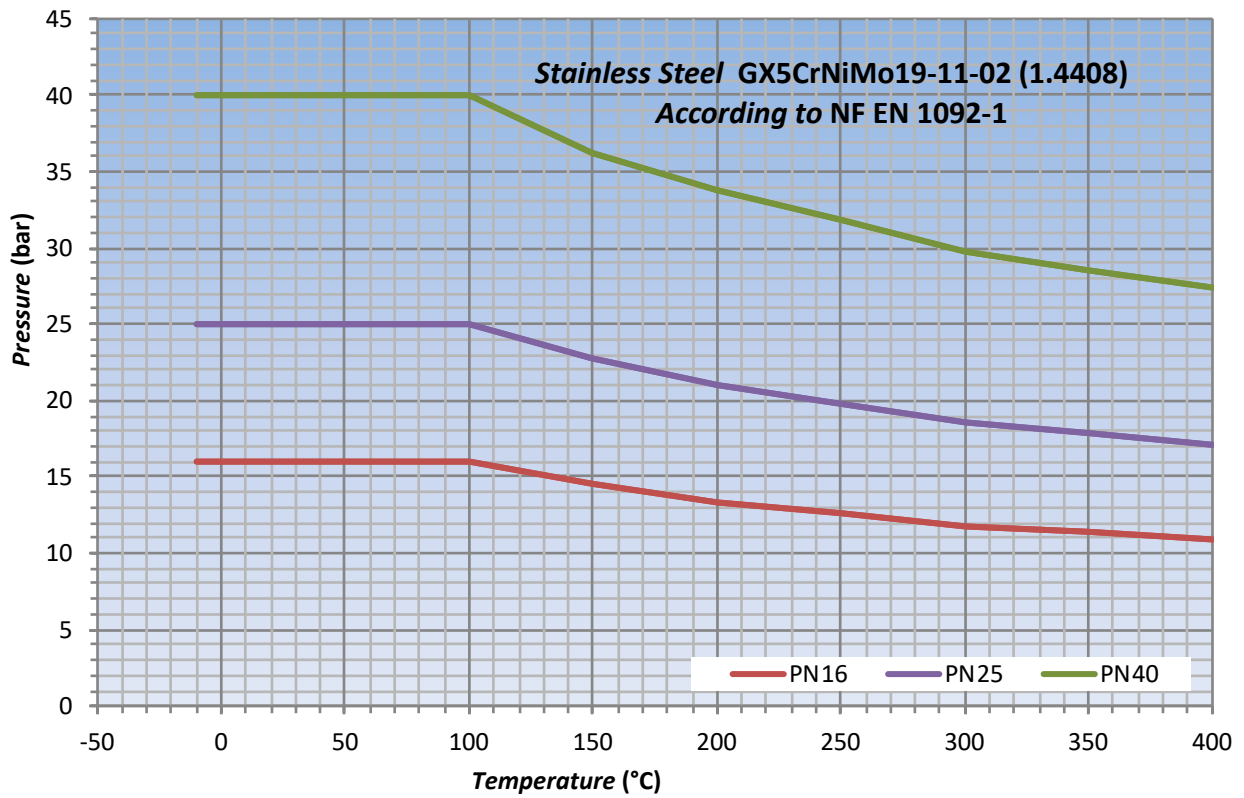
Rep./Item	Description	Material
1	Body	1.0619 / 1.4408 / 5.3105
2	Cone	Stainless Steel
4*	Stuffing box	Brass - Stainless steel
5	Nut	8.8 / A2-70
6	Stud	8.8 / A2-70
7*	Gasket	Graphite
10	Stem	1.4404
12	Intermediate Stem	1.4404
18	Upper Seat	Hardened stainless steel
25	Flange	1.0619 / 1.4408 / 5.3105
26*	Gasket	Graphite
45	Lower Seat	Hardened stainless steel

* Spare list

Pressure/Temperature Chart



Pressure/Temperature Chart



Pressure/Temperature Chart

