

2 Ways Pneumatic Control Valve

TYPE 7162P

Description

Two ways pneumatic control valve especially designed for a wide range of fluids like water, thermal oil, steam, nitrogen, natural gas, etc... These pneumatic control valves offer an optimized and modular solution for industrial process.

Characteristics

Flanges DN15 to DN300 - Threaded ½", ¾", 1", 1½", 2"

Material: Steel 1.0619 – A 216 WCB/WCC

Steel 1.7357 – A 217 WC6

Stainless steel 1.4408 – A 351 CF8M

Cast iron 5.3105/GJS 400-18

Flanges ISO PN16, 25, 40, 63, 100 – Class 150, 300, 600

Parabolic or perforated cone

Design ANSI B16-34 PN50/PN100

Kvs 0,1 to 1430m3/h

Temperature range : - 60°C to + 400°C

PTFE/Graphite

Standard turndown: between 30:1 and 40:1 depending of type and seat diameter.

High turndown: 40:1...50:1

Options

Flanges with grooves

Manual override

Soft seal cone

Perforated cone

Stellited seat/cone

Linear characteristic

Piloted cone (type 7162 CPE)

Perforated cone

Balanced cone

BW ends

Graphite packing

Stainless steel bellows

High temperature cover

SS Hardened seat cone 1.4122

High turndown

Actuator

Pneumatic actuators types PA35, PA60, MA41, MA60

Air supply max 6 bar

Surface / active area 180 to 1730 cm² (See pneumatic actuator data sheet)

Particular advantages

7162P control valves are designed and built in France, ensure you an excellent reliability related to exceptional performance.



How to order

7162P DN80 PN40 KVs 100 servomoteur / actuator PA60 C6 5G NF

Certification

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

Combination DN – Material – PN/Class

Class PN DN	Steel							Stainless steel					Cast iron
	1.0619		A 216 WCB		A 217 WC6			1.4408		A 351 CF8M			EN GJS 400-18
	PN16	PN40	Class 150	Class 300	Class 150	Class 300	Class 600	PN16	PN40	Class 150	Class 300	Class 600	PN16
15	✓	✓	✓	✓				✓	✓	✓	✓		
20	✓	✓	✓	✓				✓	✓	✓	✓		
25	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
32	✓	✓						✓	✓				
40	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
50	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
65	✓	✓						✓	✓				
80	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
100	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	
125	✓	✓						✓	✓				
150	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	
200	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	
250	✓	✓	✓	✓				✓	✓	✓	✓		✓
300	✓	✓	✓	✓				✓	✓	✓	✓		✓

Cone Types

Parabolic cone

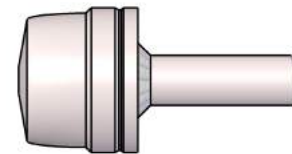
Characteristics : =%

Material : 1.4404 – stellite option

Sealing : Metallic tight

Tightness : Classe IV (<0.01% Kvs) ANSI B16-104/ FCI 70-2-2006 (EN 60534-4)

Applications : All fluids



**CLAPET PARABOLIQUE
PARABOLIC CONE**

Perforated cone (option)

Characteristics : =% or linear in option

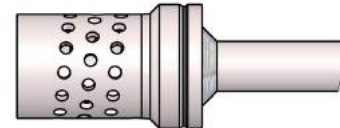
Material : Stainless steel 1.4404,

Tightness : Metallic tight

Tightness : Classe IV (<0.01% Kvs) ANSI B16-104/ FCI 70-2-2006 (EN 60534-4)

Applications : Gas and steam : Noise reduction

Liquide : Cavitation, flashing, noise reduction



**CLAPET PERFORÉ
PERFORATED CONE**

Parabolic cone with softseal (option)

Characteristics : =%

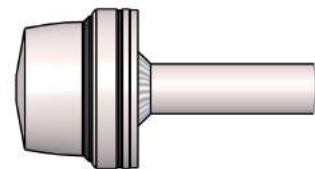
Material : Stainless steel

Tightness : Soft seal PTFE/SS

Tightness : Classe VI ($0.3 \cdot \Delta P$ leakage rate)

ANSI B16-104 / FCI 70-2-2006 (EN 60534-4)

Applications : / All fluids up to 220°C



**CLAPET PARABOLIQUE ET PORTÉE SOUPLE
PARABOLIC CONE & SOFT SEAL**

Packing

PTFE/Graphite

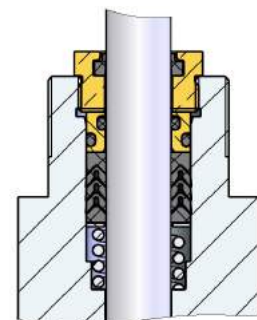
Chevron ring with spring

Max temperature : 250°C,

Max pressure : 100 bar

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

See pressure/temperature charts



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

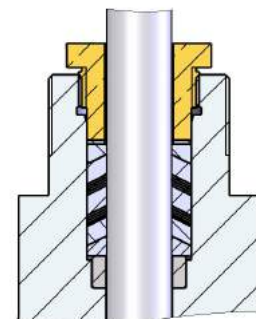
Pure graphite (option)

Max temperature : 400°C,

Max pressure : 100 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

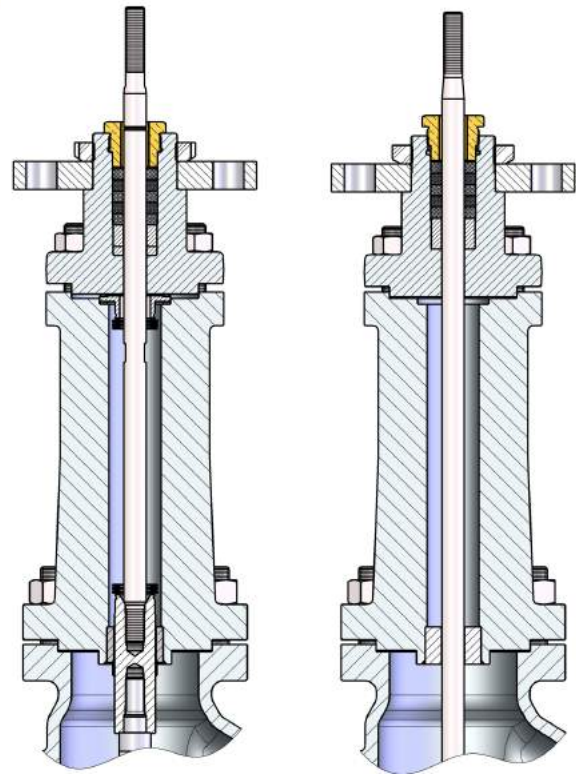
See pressure/temperature charts

High temperature insulation (option)

Max temperature : 400°C,

Max pressure : 100 bar

See pressure/temperature charts



ETANCHEITE PAR SOUFFLET INOX
STAINLESS STEEL BELLOWS SEALING

EXTENSION HAUTE TEMPERATURE
HIGH TEMPERATURE INSULATION

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									

Maxi differential pressure for parabolic cone =% - Fail close valve (NF) : Po version

			Seat diameter (mm)																												
			4	4	6	6	6	8	8	10	15	20	25	32	40	50	65	80	100	125	150	150	200	200	200	250	300				
			Stroke (mm)																												
			20	20	20	20	20	20	20	20	20	20	20	20	20	25	25	30	30	40	40	50	60	50	60	80	80	100			
DN			Kvs																												
	15	0.1	0.16	0.25	0.4	0.63	1	1.6	2.5	4																					
	20	0.1	0.16	0.25	0.4	0.63	1	1.6	2.5	4	6.3																				
	25	0.1	0.16	0.25	0.4	0.63	1	1.6	2.5	4	6.3	10																			
	32			0.25	0.4	0.63	1	1.6	2.5	4	6.3	10	16																		
	40							1.6	2.5	4	6.3	10	16	25																	
	50								2.5	4	6.3	10	16	25	40																
	65											10	16	25	40	63															
	80												16	25	40	63	100														
	100														40	63	100	160													
	125															63	100	160	202												
	150																100	160	217	319	350										
	200																	160	227	357		480	600								
	250																		383	430		590		720	990						
	300																				440		600		760	1100	1430				
	Actuators	Springs	Altim mini/Mini air supply (bar)	Maxi differential pressure (bar)																											
PA35 B6	2G	1.4	40	40	40	40	40	40	40	40	28.3	17.5	10.1	5.2																	
			0.6 - 1																												
	4G	2.5	40	40	40	40	40	40	40	40	40	38.1	22.7	12.3	7.5																
			1.2 - 2																												
PA60 A6	6S	6	40	40	40	40	40	40	40	40	40	40	40	36.1	22.8	11.6	7.4														
			2.9 - 5.0												2.3 - 5.0	1.5 - 5.0															
	2G	1.4										40	40	28.5	15.9	9.8	4.8														
			0.6 - 1												0.5 - 1																
PA60 A6	4G	2.5										40	40	40	33.8	21.3	10.8	7	3	1.8											
			1.2 - 1.9												1.1 - 1.9	0.9 - 1.9	0.6 - 1.9														
	6S	6										40	40	40	40	40	31.6	20.6	10	6.3											
			3.8 - 4.9												2.9 - 4.9	2.5 - 4.9	1.7 - 4.9														
PA60 C6	2G	1.4										40	40	28	16.2	10	5.1	3.2	1.5												
			0.7 - 0.9												0.6 - 0.9	0.5 - 0.9															
	6G	2.8										40	40	40	40	33.4		11.7	6.0	3.7	1.9	1.0									
			2 - 2.5												1.9 - 2.5	1.7 - 2.5	1.4 - 2.5	1.0 - 2.5													
MA41 A6	6S	6										40	40	40	40		22.3	10.9	6.9	1.9	0.9										
			3.9 - 5.4												3.5 - 5.4	3.1 - 5.4	2.3 - 5.4														
	5G	1.4										40	40	40	29	15	10	4.9	3												
			0.7 - 1.2												0.7 - 1.2	0.6 - 1.2	0.4 - 1.2														
MA41 B6	5S	2.5										40	40	40	40	31.7	20.7	11.1	7												
			1.5 - 2												1.4 - 2	1.3 - 2	0.9 - 2														
	10S	6														40	40	22.9	14.5												
			2.4 - 4.3												2.2 - 4.3																
MA41 C6	4G	1.4																		1											
			0.4 - 1.2																												
	5S	2.5																		2.9	1.5										
			0.5 - 2																												
MA60 A6	10S	6																		8.9	4.9	1.7									
			1.7 - 4.2																				1.8 - 4.1								
	4S	6																	37.5	22.8	14.5	8.1	5	5	3.7						
			4 - 5.2												3.5 - 5.2							3.2 - 5.2	2.4 - 5.2								
MA60 B6	8G	6																						9.5	6.1						
			1.6 - 3.8																												
MA60 B6	8G	6																							11	7.5	4.2				
			2.1 - 3.9												1.6 - 3.9																

* Valid for leakage class IV classe IV.

Maxi differential pressure for perforated cone =% - Fail close valve (NF) : Po version

			Seat diameter (mm)															
			16	23	25	32	40	50	65	80	100	125	150	200	200	250	250	300
			Stroke (mm)															
			20	20	20	20	25	25	40	40	50	50	60	60	80	80	100	100
DN	Kvs																	
15	3																	
20	3.3	5.8																
25	3.4	6.4	7.3															
32	3.5	6.7	7.8	11														
40	3.5	6.9	8	11.6	16													
50	3.5	6.9	8.1	11.9	16.7	27												
65			8.2	12	17.1	28.6	48											
80			8.2	12	17.2	29.2	51	72										
100						29.5	52	77	120									
125							53	79	129	155								
150								80	132	162	240							
200									134	166	255	340	423					
250															570	680		
300															590	720	880	
Actuators	Springs	Mini air supply (bar)	Maxi differential pressure (bar)															
PA35 B6	2G	1.4	40	20.9	17.5	10.1	5.2											
	4G	2.5	40	40	38.1	22.7	12.3	7.5										
	6S	6	40	40	40	40	36.1	22.8										
PA60 A6	2G	1.4	40	40	40	28.5	15.9	9.8	3.3	2								
	4G	2.5	40	40	40	40	33.8	21.3	7.9	5								
	6S	6	40	40	40	40	40	40	24.3	15.9								
PA60 C6	2G	1.4	40	40	40	28	16.2	10	4.1	2.5	1	0.5						
	6G	2.8	40	40	40	40	40	33.4	14.9	9.7	4.8	2.9	1.4	0.7				
	6S	6	40	40	40	40	40	40	26.5	17.3	7.7	4.8	1.9	0.9				
MA41 A6	5G	1.4			40	40	40	29	12.4	8								
	5S	2.5			40	40	40	40	26.9	17.5								
	10S	6							40	36								
MA41 B6	4G	1.4									4	2.4	1					
	5S	2.5									9	5.6	2.9	1.5				
	10S	6									20.4	12.9	6.4	3.5				
MA41 C6	4S	6									33.1	21	13.3	7.4	6			
											3.5-5.1		3.1-5.1	2.3-5.1				
MA60 B6	8G	6														5.8	5.8	
MA60 D6	8S	6														4.6	4.6	4

* Valid for leakage class IV classe IV.

Maxi differential pressure for parabolic cone =% - Fail open valve (NO) : Ps version

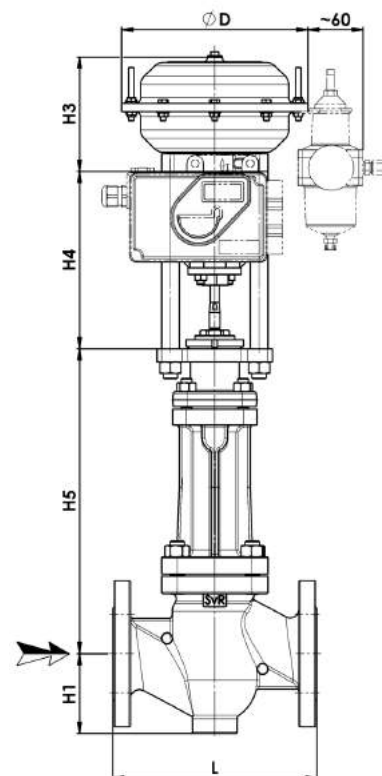
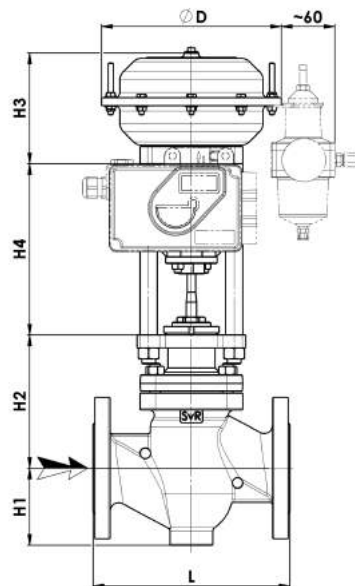
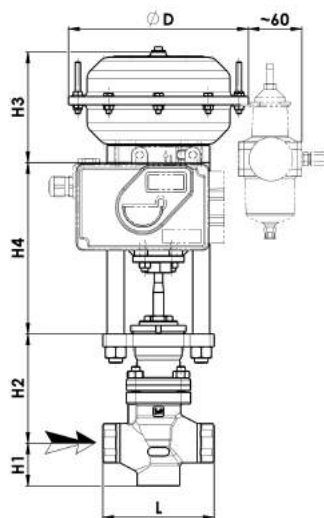
		Seat diameter (mm)																														
		4	4	6	6	6	8	8	10	15	20	25	32	40	50	65	80	100	125	150	150	200	200	200	250	300						
		Stroke (mm)																														
		20	20	20	20	20	20	20	20	20	20	20	20	25	25	30	30	40	40	50	60	50	60	80	80	100						
	DN	Kvs																														
	15	0.1	0.16	0.25	0.4	0.63	1	1.6	2.5	4																						
	20	0.1	0.16	0.25	0.4	0.63	1	1.6	2.5	4	6.3																					
	25	0.1	0.16	0.25	0.4	0.63	1	1.6	2.5	4	6.3	10																				
	32			0.25	0.4	0.63	1	1.6	2.5	4	6.3	10	16																			
	40							1.6	2.5	4	6.3	10	16	25																		
	50								2.5	4	6.3	10	16	25	40																	
	65											10	16	25	40	63																
	80													25	40	63	100															
	100														40	63	100	160														
	125															63	100	160	202													
	150																100	160	217	319	350											
	200																	160	227	357		480	600									
	250																		383	430		590		720	990							
	300																			440		600		760	1100	1430						
Actuators	Springs	Min air supply (bar)	Maxi differential pressure (bar)																													
PA35 B6	2G	1.4	40	40	40	40	40	40	40	40	40	35.7	22.2	13	6.1	3.6	1.3															
			0.2 - 0.6												0.2 - 0.7			0.2 - 0.8														
		2.5	40	40	40	40	40	40	40	40	40	40	35.6	19.8	12.4	6.3	4															
		6	40	40	40	40	40	40	40	40	40	40	40	40	40	22.3	14.6															
PA60 A6	2G	1.4										40	40	40	21.6	13.5	6.6	4.1	1.6													
			0.3 - 0.6												0.3 - 0.7			0.3 - 0.9														
		2.5										40	40	40	40	35.8	19.4	12.6	6.9	4.3												
		6									40	40	40	40	40	40	40	23.5	14.9													
PA60 C6	2G	1.4										40	40	40	26.5	16.6	8.6	5.5	2.8	1.6												
			0.2 - 0.4												0.2 - 0.5			0.2 - 0.6														
		2.5										40	40	40	40	38.4	21.2	13.8	7.9	4.9	3.1	1.6										
		6									40	40	40	40	40	40	40	24.4	15.5	10.3	5.7											
MA41 A6	4G	1.4										40	40	40	40	29	15.2	9.7	4.4	2.7												
			0.2 - 0.5												0.3 - 0.7			0.3 - 0.8		0.3 - 0.9												
		2.5														40	40	27.5	15	9.5												
		6															40	40	31													
MA41 B6	4G	1.4																			1.3	0.6										
		2.5																			6.2	3.4										
MA60 B6	4G																															
		6																			21.5	12	9									
MA60 B6	4G																															
		6																														
MA60 B6	4G																															
		6																														
MA60 B6	4G																															
		6																														
MA60 B6	4G																															
		6																														
MA60 B6	4G																															
		6																														

Maxi differential pressure for perforated cone =% - Fail open valve (NO) : Ps version

		Seat diameter (mm)															
		16	23	25	32	40	50	65	80	100	125	150	200	200	250	300	
		Stroke (mm)															
		20	20	20	20	25	25	40	40	50	50	60	60	80	100	100	
DN	Kvs																
	15	3															
	20	3.3	5.8														
	25	3.4	6.4	7.3													
	32	3.5	6.7	7.8	11												
	40	3.5	6.9	8	11.6	16											
	50	3.5	6.9	8.1	11.9	16.7	27										
	65				12	17.1	28.6	48									
	80					17.2	29.2	51	72								
	100						29.5	52	77	120							
	125							53	79	129	155						
	150								80	132	162	240					
	200									134	166	255	340	423			
	250													570	680		
	300													590	720	880	
Actuators	Springs	Mini air supply (bar)	Maxi differential pressure (bar)														
PA35 B6	2G	1.4	40	26.5	22.2	13	6.1	3.6									
			0.2 - 0.6				0.2 - 0.8										
		2.5	40	40	40	35.6	19.8	12.4									
PA60 A6	2G		0.2 - 0.6				0.2 - 0.8										
		6	40	40	40	40	40	40									
			0.2 - 0.6				0.2 - 0.8										
PA60 A6	2G	1.4	40	40	40	40	21.6	13.5	4.5	2.8							
			0.2 - 0.6				0.2 - 0.7				0.2 - 0.9						
		2.5	40	40	40	40	40	35.8	16.9	11							
PA60 C6	2G		0.3 - 0.6				0.3 - 0.7				0.3 - 0.9						
		6	40	40	40	40	40	40	40	37							
			0.3 - 0.6				0.3 - 0.7				0.3 - 0.9						
PA60 C6	2G	1.4	40	40	40	40	26.5	16.6	7.2	4.6	2.2	1.3					
			0.2 - 0.4				0.2 - 0.5				0.2 - 0.6				0.2 - 0.7		
		2.5	40	40	40	40	40	38.4	19.4	12.6	7.3	4.6	3	1.6			
MA41 A6	4G		0.2 - 0.4				0.2 - 0.5				0.2 - 0.6				0.2 - 0.7		
		6	40	40	40	40	40	40	40	38.3	23.5	14.9	10.3	5.7			
			0.2 - 0.4				0.2 - 0.5				0.2 - 0.6				0.2 - 0.7		
MA41 A6	4G	1.4			40	40	40	29	11.2	7							
			0.3 - 0.6				0.3 - 0.7				0.3 - 0.9						
		2.5						40	36	24							
MA41 B6	4G		0.3 - 0.7				0.3 - 0.9				0.3 - 0.9						
		6						40	40	40							
			0.3 - 0.7				0.3 - 0.9				0.3 - 0.9						
MA41 B6	4G	1.4									3.3	2	0.6	0.3			
			0.2 - 1				0.2 - 1				0.2 - 0.8						
		2.5									14.3	9	6	3.3			
MA41 C6	4G		0.2 - 1				0.2 - 1				0.2 - 0.8						
		6									40	31.1	21.5	12			
			0.2 - 1				0.2 - 1				0.2 - 0.8						
MA41 C6	4G	2.5													3.6		
			1.3-3.9				1.3-3.9				1.3-3.9						
		6													14.5		
MA60 B6	4G		1.3-3.9				1.3-3.9				1.3-3.9						
		6													13.5	8.9	
			0.7-1.7				0.7-1.7				0.7-1.7					0.7-1.8	

* Valid for leakage class IV classe IV.

Dimensions DN15 - DN100 / DN½" - DN4"



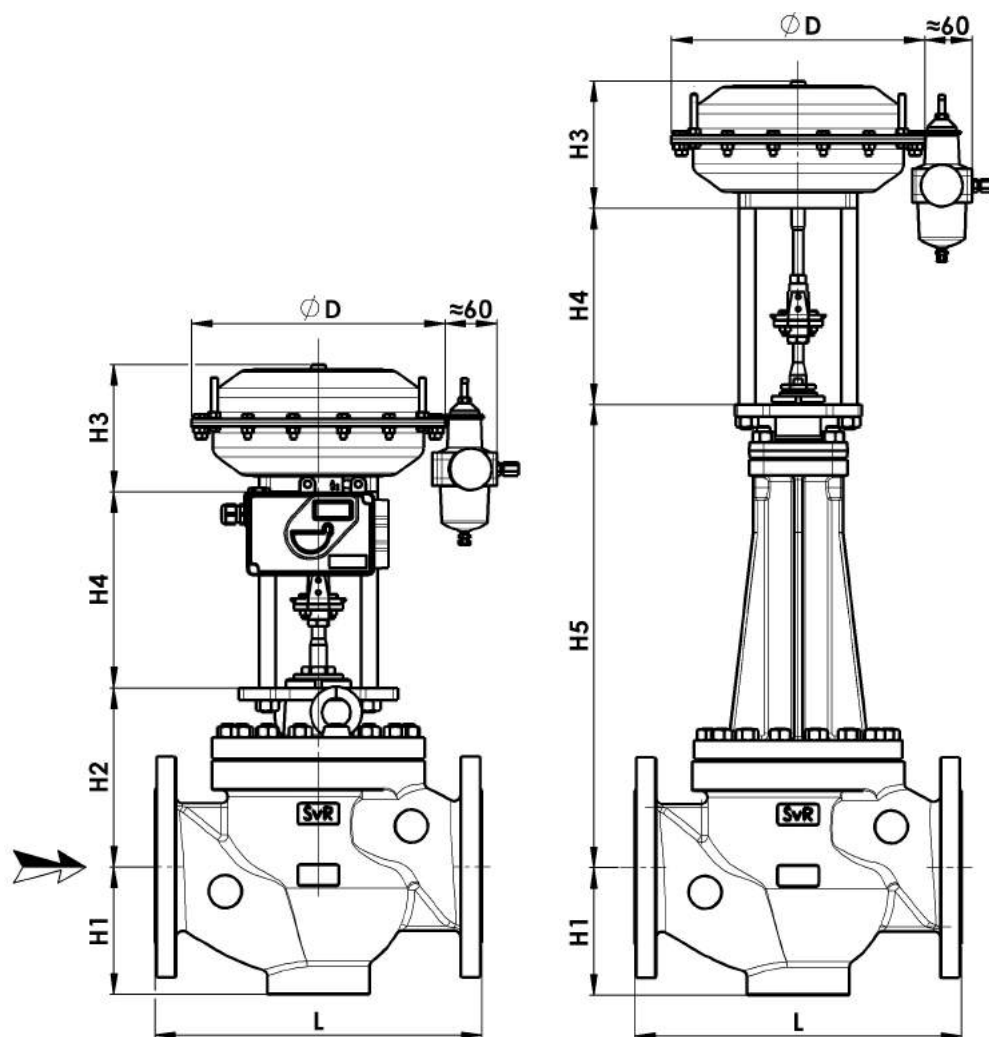
Threaded and Welded Version									
DN	½"	¾"	1"	1¼"	1½"	2"	-	-	-
L	130	130	130	200	200	200	/	/	/
H1	60	60	60	90	90	90	/	/	/
H2	128	128	128	156	156	156	/	/	/
H5	320	320	320	346	346	346	/	/	/
Mass (kg)	5	5	5	11.5	11.5	11.5	/	/	/
Flanges version									
DN	15	20	25	32	40	50	65	80	100
L (ISO PN16/25/40)	130	150	160	180	200	230	290	310	350
L (ISO PN63/100)	/	/	230	260	260	300	340	380	430
L (ANSI Class 150 RF)	184	184	184	/	222	254	/	298	352
L (ANSI Class 300 RF)	190	194	197	/	235	267	/	318	368
L (ANSI Class 600 RF)	/	/	210	/	251	286	/	337	394
L (ANSI Class 150 RTJ)	/	/	197	/	235	267	/	311	365
L (ANSI Class 300 RTJ)	201	207	210	/	248	283	/	333	384
L (ANSI Class 600 RTJ)	/	/	210	/	251	289	/	340	397
H1	48	53	60	70	85	90	100	120	145
H2 (ISO PN16/25/40 + ANSI Class 150/300)	128	128	133	138	160	156	162	178	198
H2 (ISO PN63/100)	/	/	142	145	169	172	180	243	283
H2 (ANSI Class 600)	/	/	142	/	169	172	/	243	283
H5 (ISO PN16/25/40 + ANSI Class 150/300)	320	320	320	327	351	346	343	353	366
H2 (ISO PN63/100)	/	/	240	250	265	260	270	343	386
H5 (ANSI Class 600)	/	/	240	/	265	260	/	343	386
H4 (max)	200	200	200	200	200	200	200	200	200
Mass (kg)	5,5	6,5	8,5	10	14	17,5	23	32	47

All dimensions in mm

	PA35-B6	PA60-A6	PA60-C6	MA41-A6	MA41-B6	MA41-C6
ØD	210	310	310	420	420	420
H3	125	153	173	224	242	329
Masse / Mass (kg)	5,2	10,5	12,5	55	55	72

All dimensions in mm

Dimensions DN125 - DN200



DN	125	150	200
L (ISO PN16/40)	400	480	600
L (ISO PN63/100)	500	550	650
L (ANSI Class 150 RF)	400*	451	543
L (ANSI Class 300 RF)	418*	473	568
L (ANSI Class 600 RF)	/	508	610
L (ANSI Class 150 RTJ)	/	464	556
L (ANSI Class 300 RTJ)	/	489	584
L (ANSI Class 600 RTJ)	/	511	613
H1	156	177	239
H2 (ISO PN16/25/40 + ANSI Class 150/300)	219	222	257
H5	567	577	601
H4 (max)	280	280	280
Mass (kg)	77	105	253

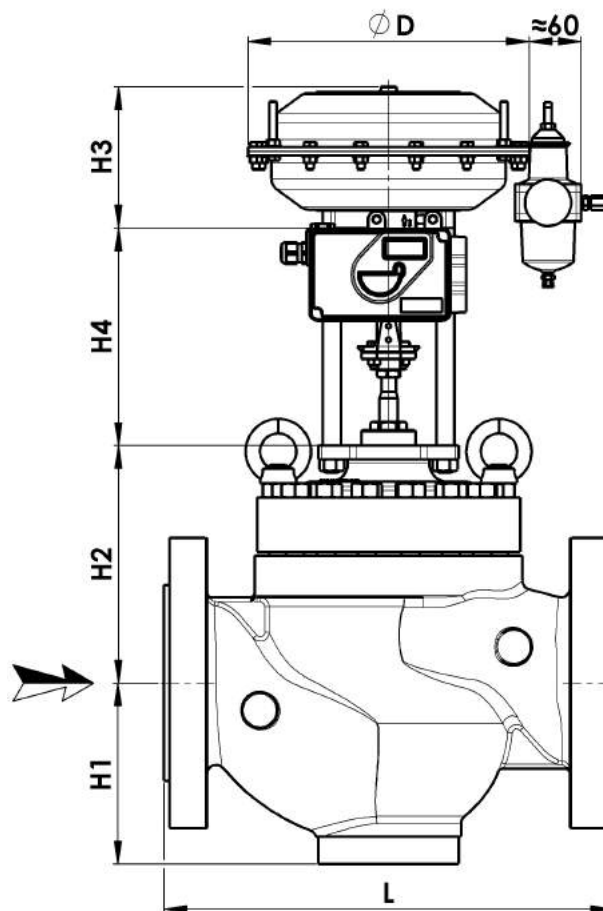
* Special execution

All dimensions in mm

	PA60-A6	PA60-C6	MA41-A6	MA41-B6	MA41-C6
Ø D	310	310	420	420	420
H3	153	173	224	242	329
Mass (kg)	10,5	12,5	51	58	76

All dimensions in mm

Dimensions DN125 - 200 balanced



DN	125	150	200
L (ISO PN16/40)	400	480	600
L (ISO PN63/100)	500	550	650
L (ANSI Class 150 RF)	400*	451	543
L (ANSI Class 300 RF)	418*	473	568
L (ANSI Class 600 RF)	/	508	610
L (ANSI Class 150 RTJ)	/	464	556
L (ANSI Class 300 RTJ)	/	489	584
L (ANSI Class 600 RTJ)	/	511	613
H1	156	177	239
H2 (ISO PN16/25/40 + ANSI Class 150/300)	250	262	306
H4 (max)	280	280	280
Mass (kg)	100	150	280

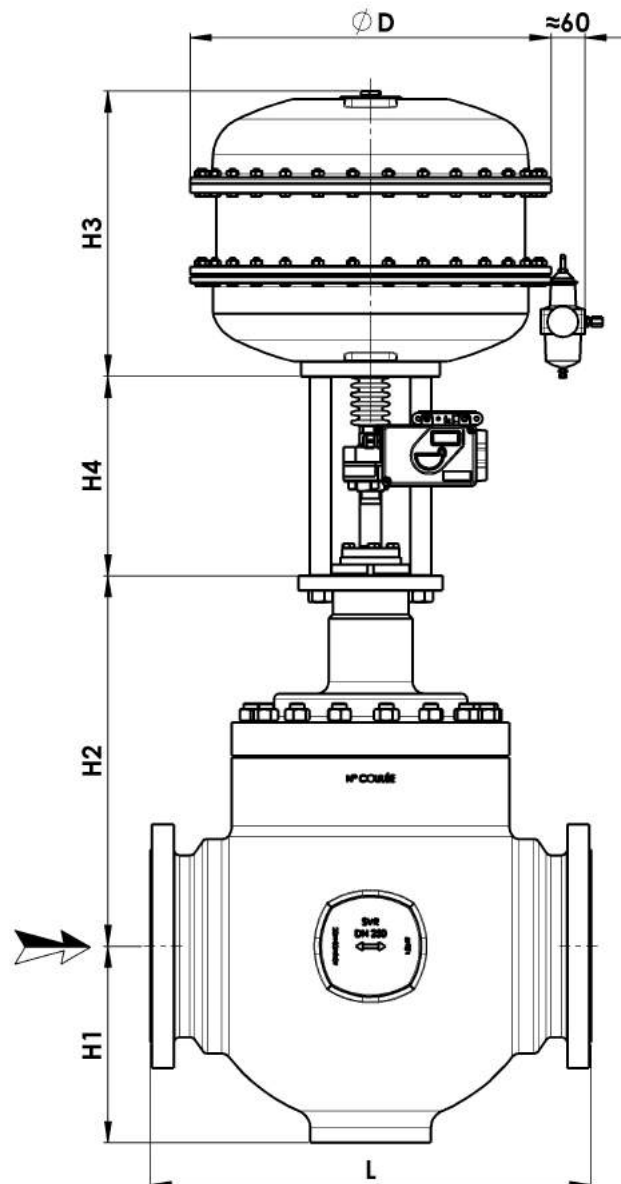
* Special execution

All dimensions in mm

	MA41-A6	MA41-B6	MA41-C6	MA60 A6
$\varnothing D$	420	420	420	600
H3	224	242	329	534
Mass (kg)	51	58	76	192

All dimensions in mm

Dimensions DN250 -DN300



DN	250	300
L (ISO PN16/40)	730	850
L (ANSI Class 150 RF)	730	850
L (ANSI Class 300 RF)	730*	850*
H1	326	380
H2	626	617
H4 (max)	350	350
Mass (kg)	345	525

* L 846mm class 300 DN300 is option

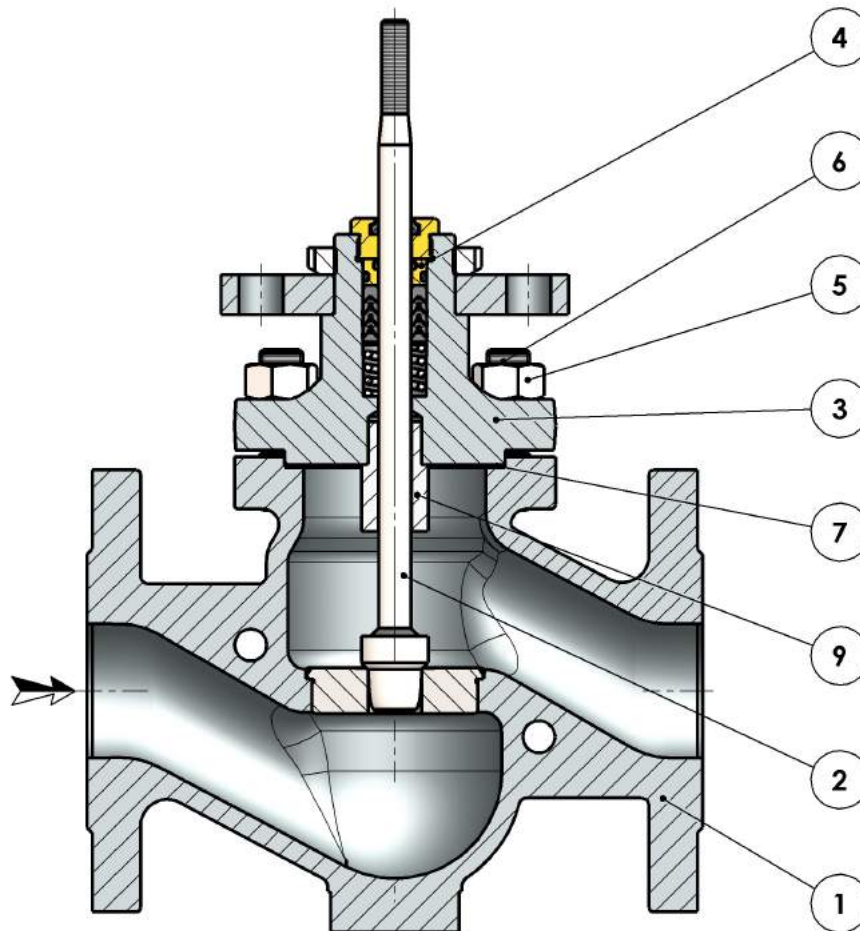
* L 708mm class 300 DN250 is option

All dimensions in mm

	MA41-C6	MA60-A6	MA60-B6	MA60-D6
Ø D	420	600	600	600
H3	329	534	652	514
Mass (kg)	76	192	223	181

All dimensions in mm

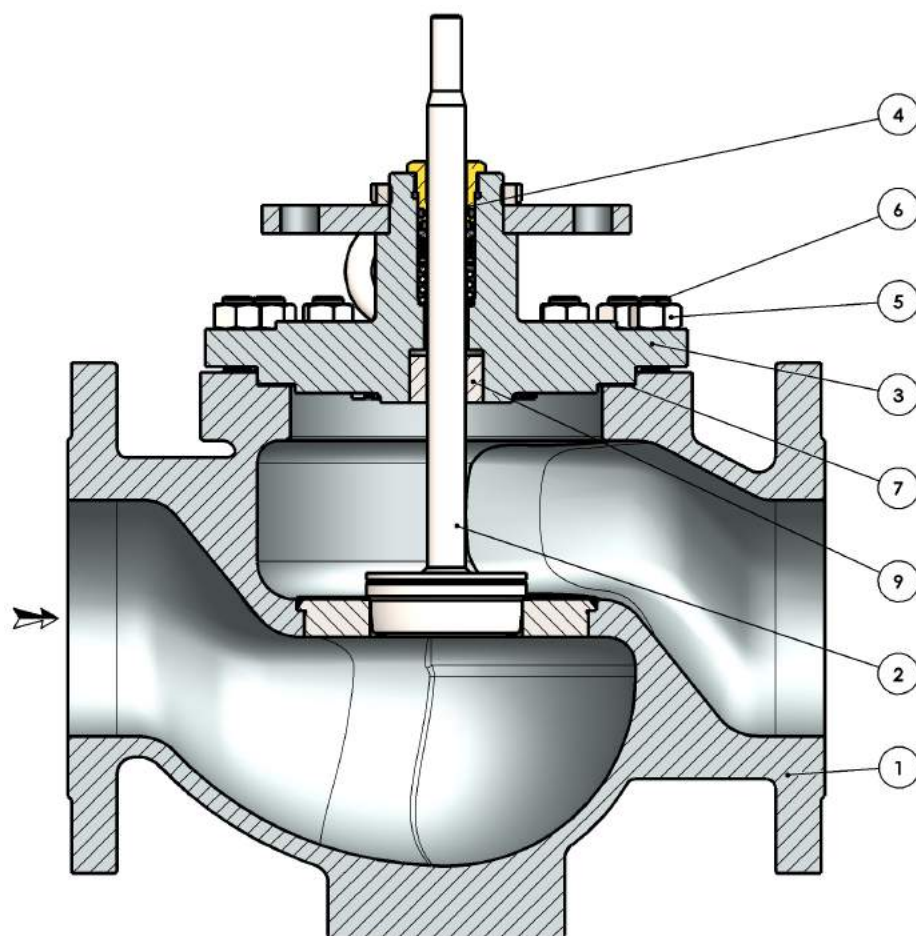
Part List – DN15 - DN100



Item	Description	Material
1	Body	1.0619- A216 WCB - 1.4408- A351 CF8M – 1.7357 - A217 WC6
2	Cone	Stainless steel
3	Cover	1.0570 - 1.0619 - WCB / 1.4404 - 1.4408 - CF8M
4*	Stuffing box	Brass - Stainless steel
5	Nut	8.8 / A2-70 / A193 B7
6	Stud	8.8 / A2-70 / A193 B7
7*	Gasket	Graphite
9	Guiding bush	1.4542

* Spare parts

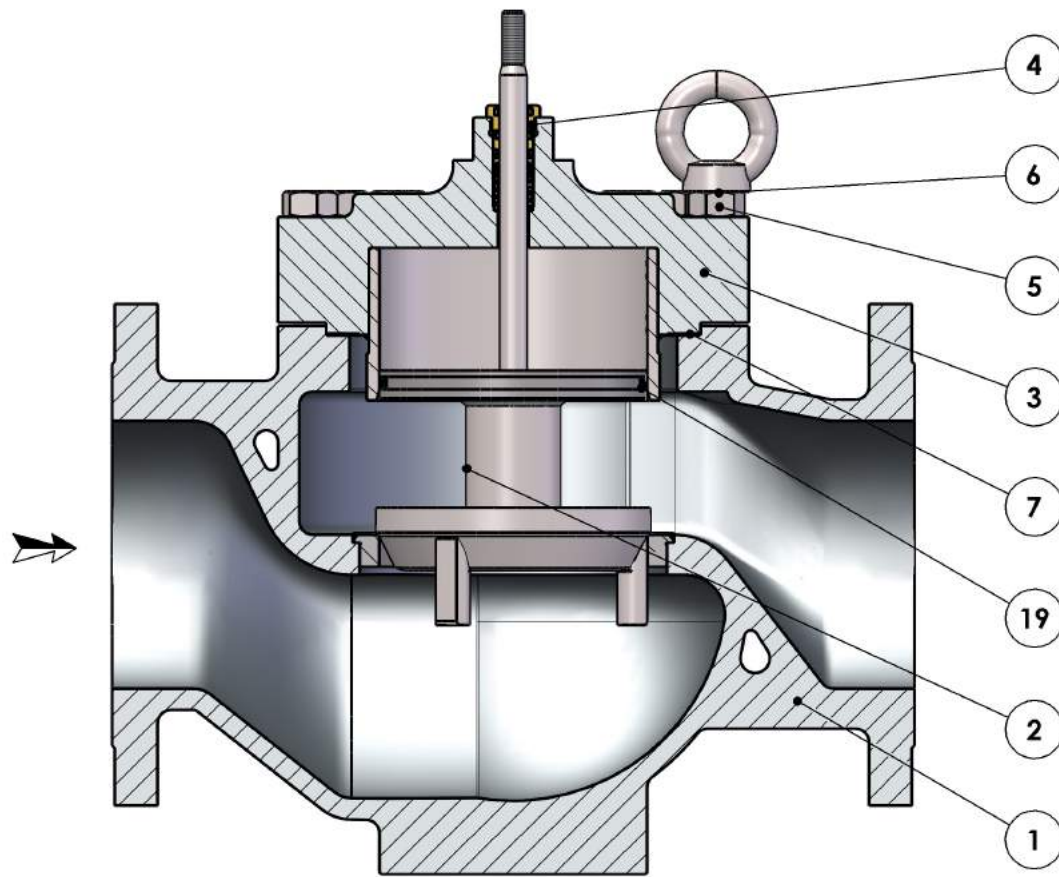
Part List – DN125 – DN200



Item	Description	Material
1	Body	1.0619- A216 WCB - 1.4408- A351 CF8M – 1.7357 - A217 WC6
2	Cone	Stainless steel
3	Cover	1.0570 - 1.0619 - WCB / 1.4404 - 1.4408 - CF8M
4*	Stuffing box	Brass - Stainless steel
5	Nut	8.8 / A2-70 / A193 B7
6	Stud	8.8 / A2-70 / A193 B7
7*	Gasket	Graphite
9	Guiding bush	1.4542

* Spare parts

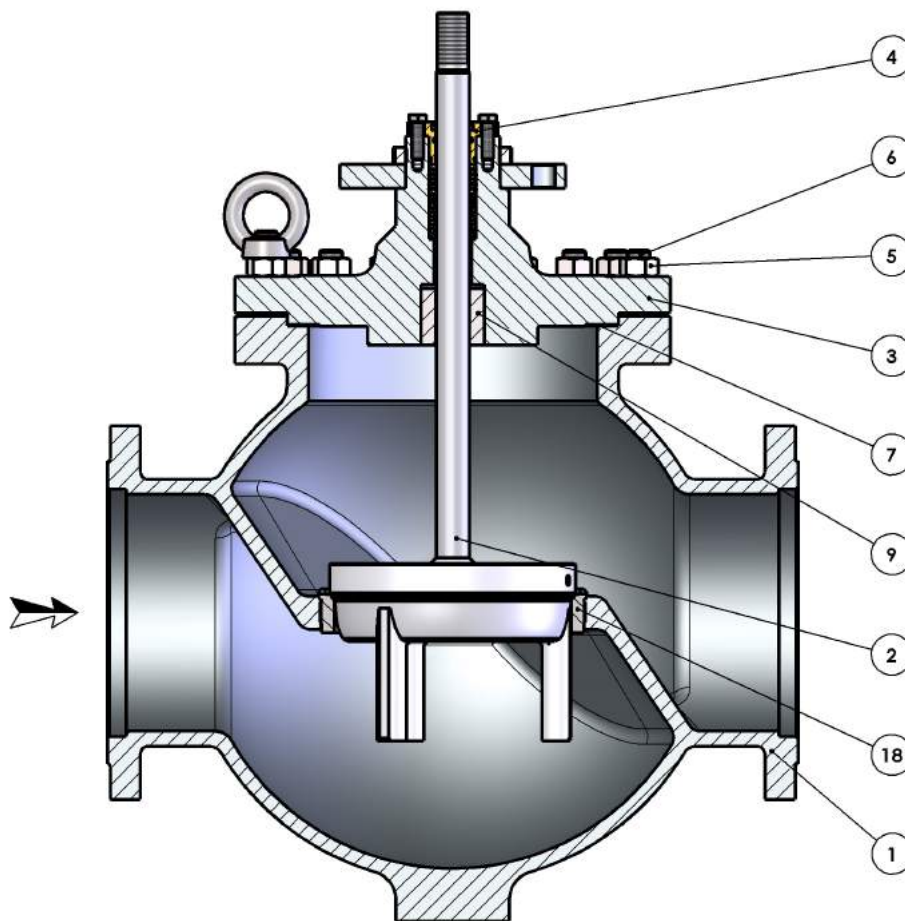
Part List - DN125 - 200 Balanced



Item	Description	Material
1	Body	1.0619- A216 WCB - 1.4408- A351 CF8M – 1.7357 - A217 WC6
2	Cone	Stainless steel
3	Cover	1.0570 - 1.0619 - WCB / 1.4404 - 1.4408 - CF8M
4*	Stuffing box	Brass - Stainless steel
5	Nut	8.8 / A2-70 / A193 B7
6	Stud	8.8 / A2-70 / A193 B7
7*	Gasket	Graphite
19*	Gasket EQ	PTFE / 1.4310

* Spare parts

Part List – DN250 – DN300



Item	Description	Material
1	Body	1.0619- A216 WCB - 1.4408- A351 CF8M
2	Cone	Stainless steel
3	Cover	1.0570 - 1.0619 - WCB / 1.4404 - 1.4408 - CF8M
4*	Stuffing box	Brass - Stainless steel
5	Nut	8.8 / A2-70 / A193 B7
6	Stud	8.8 / A2-70 / A193 B7
7*	Gasket	Graphite
9	Guiding bush	1.4542
18	Seat	Stainless steel

* Spare parts