

CATALOGUE SERIES



GATE / GLOBE / CHECK VALVE
2014

YONGJIA NICE TRADE CO.,LTD.
HUANQIU VALVE GROUP

COMPANY BREIF

Nice Trade is import & export company, built in 2013, belongs to HUANQIU VALVE GROUP. There are fourteen sub-branch factories in HUANQIU VALVE GROUP now, according to HUANQIU VALVE GROUP develop plan, Nice Trade is new face to show in front of clients for group export and import business, and collect possible products resource inside and outside group, help clients to find good and more competitive products resource.

Nice trade company focus in valves sales area,

Product scope is following:

- A. Special valves: High performance ball valve, Control valves, Reduce temperature & pressure control valve, Eccentric half ball valve, Special power station high pressure & temperature valves, Large size butterfly valves, PTFE lining ball & butterfly valve, Breath valve etc.
- B. Widely used valves: Gate valve, Globe valve, Check valve, Triple offsets butterfly valve, Double offsets butterfly valve, Floating ball valve, Trunnion ball valve.
- C. Other valves: Needle valves, Filter, etc

There are two special and professional teams to support us:

- HUANQIU VALVE GROUP Quality Control Team,
- HUANQIU VALVE GROUP Technology Control Team.

They have enough experience to develop and control products quality. This is our products control basis.

Valves resource: We have a lot!

Products quality: We can control it!

Delivery time: We will make it fast!

VALVE SHOW



CONTENT

>>150Lb-900Lb Gate / Globe / Check Valve

- Gate valve

2"- 36"	150Lb	Hand wheel or Gear
2"-36"	300Lb	Hand wheel or Gear
2"-24"	600Lb	Hand wheel or Gear
2"-16"	900Lb	Hand wheel or Gear
- Globe valve

2"-12"	150Lb	Hand wheel or Gear
2"-12"	300Lb	Hand wheel or Gear
2"-8"	600Lb	Hand wheel or Gear
2"-6"	900Lb	Hand wheel or Gear
- Check valve

2"-30"	150Lb	Swing or Lift
2"-30"	300Lb	Swing or Lift
2"-24"	600Lb	Swing or Lift
2"-24"	900Lb	Swing or Lift

>>PN16-PN250 Gate / Globe / Check Valve

- Gate valve

0.5"- 24"	PN16-PN25	Hand wheel
0.5"-16"	PN40-PN64	Hand wheel
0.5"-12"	PN100-160	Hand wheel
2"-8"	PN250	Hand wheel
- Globe valve

0.5"- 12"	PN16-PN25	Hand wheel
0.5"-8"	PN40-PN64	Hand wheel
0.5"-8"	PN100-160	Hand wheel
- Check valve

2"- 20"	PN16-PN25	Swing
2"-20"	PN40-PN64	Swing
2"-10"	PN100-160	Swing
2"-10"	PN250	Swing

150Lb Casting steel gate valve

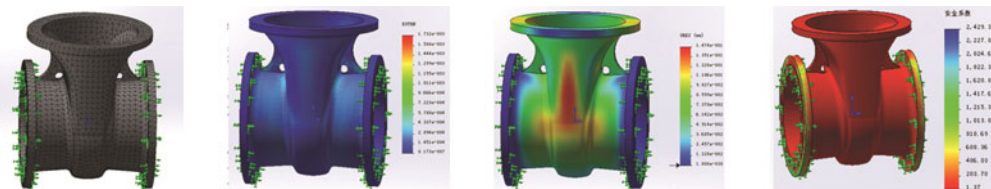


>>Basic information:

Class	150Lb	End	RF
Structure	OS&Y-Flexible Wedge	Actuator	HandWheel
Related standards			
Design	API 600	Test	API 598
End	ASME B16.5	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

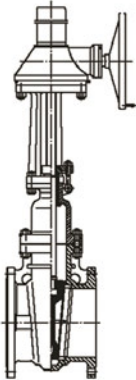
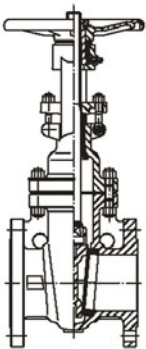
>>Introduction:

1. Using solidwork and Finite Element Analysis design tools, optimize working parts moving action.
2. COSMOSXpress software help engineer to optimize valve's structure.
3. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		CF8	CF8M	WCB	WCB	WCB
1	Body	CF8	CF8M	WCB	WCB	WCB
2	Seat	SS304	SS316	13Cr	Stellite	
3	Wedge	CF8	CF8M	WCB	WCB	WCB
4	Seal Ring	SS304	SS316	13Cr	Stellite	13Cr
5	Stem	F304	F316	F6a		
6	Stem Nut	D2				
7	Backseat Bushing	F304	F316	F6a	F6a	F6a



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
2"(DN50)	178	400	75	200			19Kg
2.5"(DN65)	191	435	90	200			25Kg
3"(DN80)	203	515	95	250			33Kg
4"(DN100)	229	595	115	280			49Kg
5"(DN125)	254	725	128	280			62Kg
6"(DN150)	267	780	140	300			77Kg
8"(DN200)	292	975	173	350			123Kg
10"(DN250)	330	1150	203	400			188Kg
12"(DN300)	356	1380	243	450			288Kg
14"(DN350)	381	1545	268	500			385Kg
16"(DN400)	406	1733	298	500			500Kg
18"(DN450)	432	1915	318	500			601Kg
20"(DN500)	457	2122	350	600			764Kg
24"(DN600)	508	2520	408	600			1007Kg

150Lb Gear Operate Casting steel gate valve

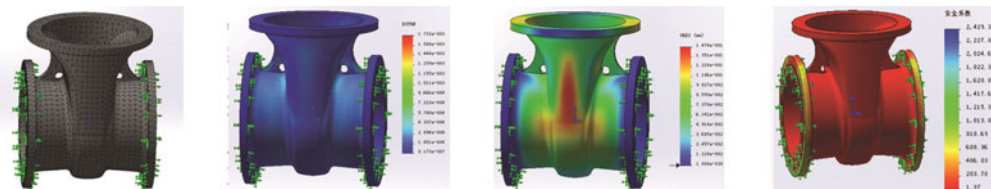


>>Basic information:

Class	150Lb	End	RF
Structure	OS&Y-Flexible Wedge	Actuator	Conical Gear
Related standards			
Design	API 600	Test	API 598
End	ASME B16.5	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

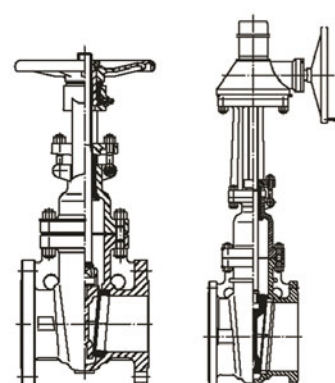
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>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
6"(DN150)	267	820	140	310			104Kg
8"(DN200)	292	1020	173	310			150Kg
10"(DN250)	330	1200	203	310			215Kg
12"(DN300)	356	1430	243	310			315Kg
14"(DN350)	381	1580	268	310			435Kg
16"(DN400)	406	1780	298	460			552Kg
18"(DN450)	432	1990	318	460			653Kg
20"(DN500)	457	2220	350	460			816Kg
24"(DN600)	508	2600	408	460			1185Kg
26"(DN650)	559	2800		600			1550Kg
28"(DN700)	610	3050		600			1880Kg
30"(DN750)	610	3130		600			2300Kg
32"(DN800)	711	3280		600			2550Kg
34"(DN850)	762	3500		600			2950Kg
36"(DN900)	711	3720		600			3390Kg

300Lb Casting steel gate valve

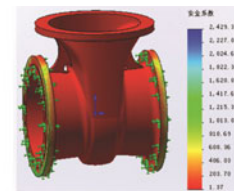
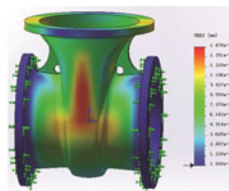
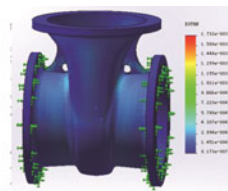


>>Basic information:

Class	300Lb	End	RF
Structure	OS&Y-Flexible Wedge	Actuator	HandWheel
Related standards			
Design	API 600	Test	API 598
End	ASME B16.5	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

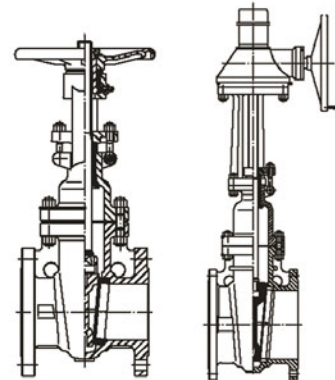
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>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
2"(DN50)	216	420	83	200			25Kg
2.5"(DN65)	241	446	95	200			30Kg
3"(DN80)	283	537	105	250			48Kg
4"(DN100)	305	619	128	280			73Kg
5"(DN125)	381	722	140	300			99Kg
6"(DN150)	403	806	160	350			130Kg
8"(DN200)	419	1000	190	400			208Kg
10"(DN250)	457	1240	223	450			334Kg
12"(DN300)	502	1425	260	500			450Kg
14"(DN350)	762	1585	293	600			704Kg
16"(DN400)	838	1790	325	500			923Kg
18"(DN450)	914	1960	355	650			1131Kg
20"(DN500)	991	2158	388	750			1345Kg
24"(DN600)	1143	2576	458	900			2122Kg

300Lb Gear Operate Casting steel gate valve

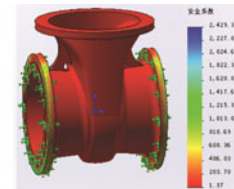
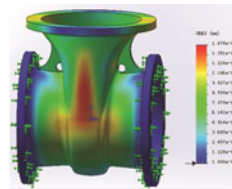
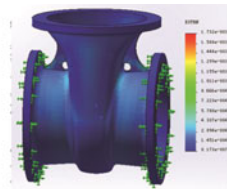
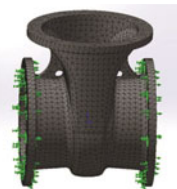


>>Basic information:

Class	300Lb	End	RF
Structure	OS&Y-Flexible Wedge	Actuator	Conical Gear
Related standards			
Design	API 600	Test	API 598
End	ASME B16.5	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

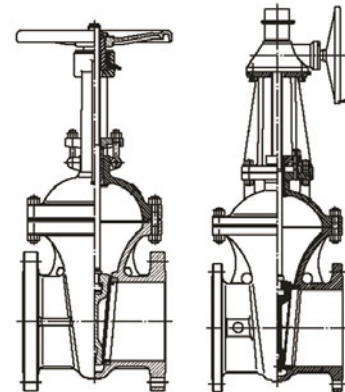
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>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
4"(DN100)	305	650	128	310			100Kg
5"(DN125)	381	750	140	310			126Kg
6"(DN150)	403	835	160	310			186Kg
8"(DN200)	419	1030	190	310			235Kg
10"(DN250)	457	1280	223	310			386Kg
12"(DN300)	502	1460	260	310			502Kg
14"(DN350)	762	1620	293	460			756Kg
16"(DN400)	838	1830	325	460			965Kg
18"(DN450)	914	2000	355	460			1224Kg
20"(DN500)	991	2220	388	460			1400Kg
24"(DN600)	1143	2620	458	600			2385Kg
26"(DN650)	1245	2850		600			3000Kg
28"(DN700)	1346	3080		600			3300Kg
32"(DN800)	1524	3300		600			4400Kg
36"(DN900)	1727	3760		600			6050Kg

600Lb Casting steel gate valve

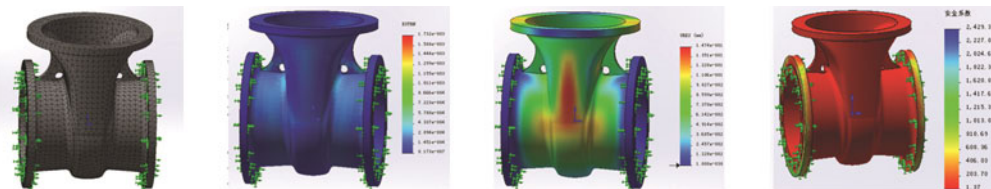


>>Basic information:

Class	600Lb	End	RF
Structure	OS&Y-Flexible Wedge	Actuator	HandWheel
Related standards			
Design	API 600	Test	API 598
End	ASME B16.5	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

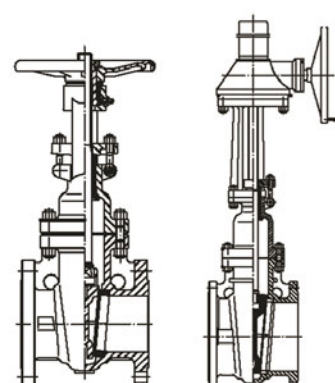
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>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
2"(DN50)	292	444	83	200			32Kg
2.5"(DN65)	330	500	95	250			52Kg
3"(DN80)	356	558	105	280			60Kg
4"(DN100)	432	665	138	300			107Kg
5"(DN125)	508	750	165	350			175Kg
6"(DN150)	559	868	178	450			216Kg
8"(DN200)	660	1073	210	500			399Kg
10"(DN250)	787	1263	255	650			605Kg
12"(DN300)	838	1600	280	700			851Kg
14"(DN350)	889	1705	303	900			1177Kg
16"(DN400)	991	1835	343	900			1513Kg

600Lb Gear Operate Casting steel gate valve

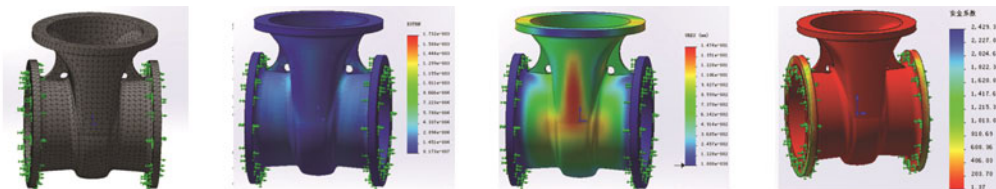


>>Basic information:

Class	600Lb	End	RF
Structure	OS&Y-Flexible Wedge	Actuator	Conical Gear
Related standards			
Design	API 600	Test	API 598
End	ASME B16.5	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

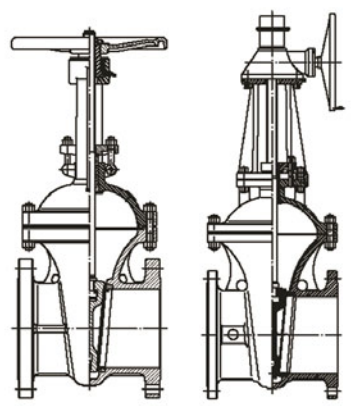
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>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
3"(DN80)	356	585	105	310			87Kg
4"(DN100)	432	695	138	310			134Kg
5"(DN125)	508	790	165	310			227Kg
6"(DN150)	559	900	178	310			268Kg
8"(DN200)	660	1110	210	310			451Kg
10"(DN250)	787	1300	255	460			657Kg
12"(DN300)	838	1650	280	460			893Kg
14"(DN350)	889	1750	303	460			1232Kg
16"(DN400)	991	1900	343	460			1568Kg
18"(DN450)	1092	2020	373	600			1980Kg
20"(DN500)	1194	2172	408	600			2460Kg
24"(DN600)	1397	2650	470	600			3650Kg

900Lb Casting steel gate valve

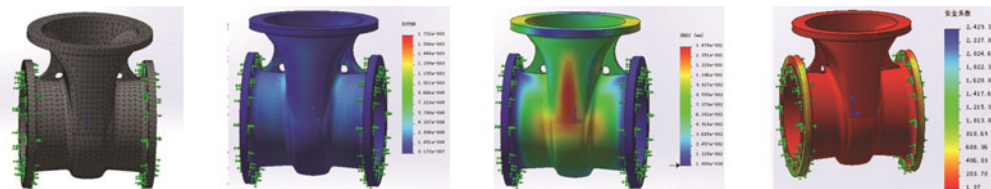


>>Basic information:

Class	900Lb	End	RF
Structure	OS&Y-Flexible Wedge	Actuator	HandWheel
Related standards			
Design	API 600	Test	API 598
End	ASME B16.5	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

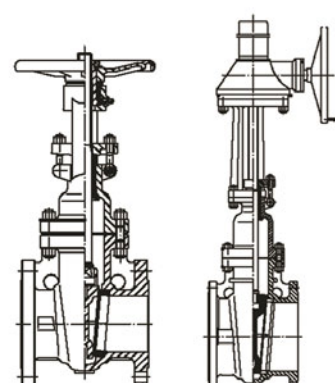
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>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
2"(DN50)	368	500	108	280			70Kg
2.5"(DN65)	419	550	123	280			110Kg
3"(DN80)	381	610	120	300			140Kg
4"(DN100)	457	702	140	350			200Kg
5"(DN125)	559	850	175	400			258Kg
6"(DN150)	610	980	190	500			358Kg
8"(DN200)	737	1100	235	650			550Kg
10"(DN250)	838	1320	273	700			1000Kg
12"(DN300)	965	1500	305	900			1215Kg
14"(DN350)	1029	1900	320	900			1600Kg
16"(DN400)	1130	2050	353	900			2150Kg

900Lb Gear Operate Casting steel gate valve

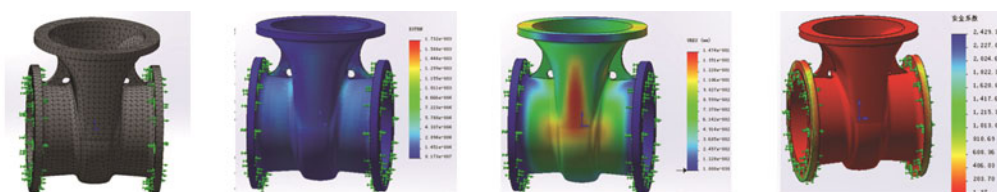


>>Basic information:

Class	900Lb	End	RF
Structure	OS&Y-Flexible Wedge	Actuator	Conical Gear
Related standards			
Design	API 600	Test	API 598
End	ASME B16.5	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

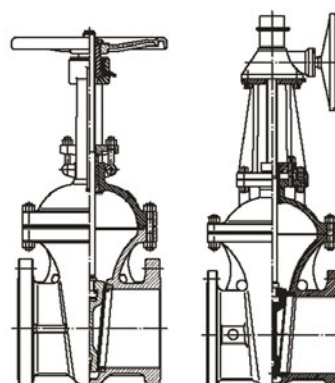
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>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
3"(DN80)	381	660	120	310			167Kg
4"(DN100)	457	750	145	310			227Kg
5"(DN125)	559	900	175	310			285Kg
6"(DN150)	610	1060	190	460			410Kg
8"(DN200)	737	1140	235	460			600Kg
10"(DN250)	838	1370	273	460			1100Kg
12"(DN300)	965	1560	305	460			1310Kg
14"(DN350)	1029	1950	320	600			1700Kg
16"(DN400)	1130	2100	353	600			2330Kg

150Lb Casting steel globe valve

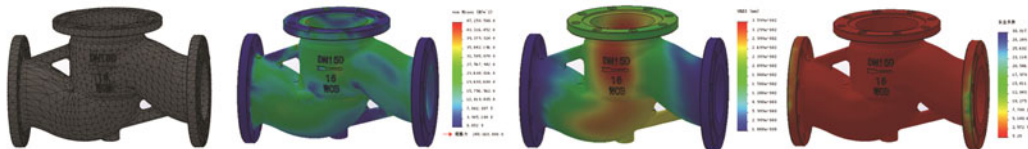


>>Basic information:

Class	150Lb	End	RF
Structure	Through Way	Actuator	HandWheel
Related standards			
Design	BS 1873	Test	API 598
End	ASME B16.5	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

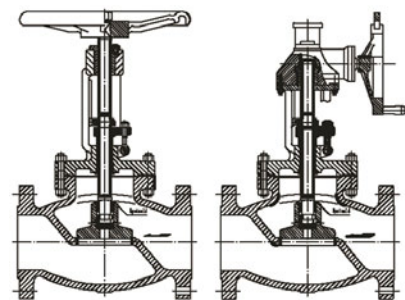
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3. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
2"(DN50)	203	330	75	200			25Kg
2.5"(DN65)	216	360	90	250			42Kg
3"(DN80)	241	390	95	280			46Kg
4"(DN100)	292	445	115	300			74Kg
5"(DN125)	356	480	128	350			111Kg
6"(DN150)	406	520	140	350			165Kg
8"(DN200)	495	600	173	400			275Kg
10"(DN250)	622	773	203	450			400Kg
12"(DN300)	698	880	243	500			624Kg

150Lb Gear operation casting steel globe valve

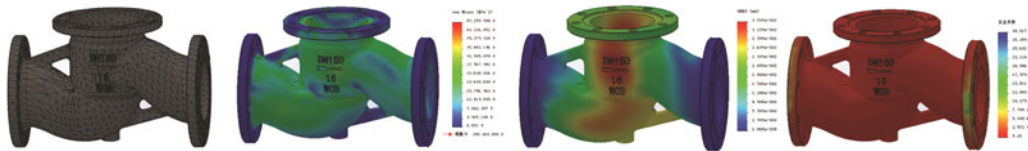


>>Basic information:

Class	150Lb	End	RF
Structure	Through Way	Actuator	Conical Gear
Related standards			
Design	BS 1873	Test	API 598
End	ASME B16.5	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

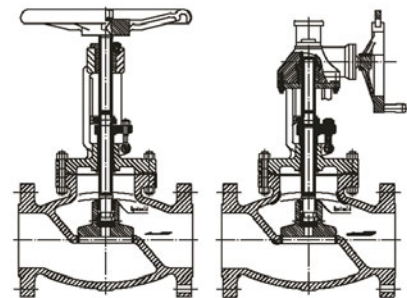
>>Introduction:

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3. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
6"(DN150)	406	556	140	310			258Kg
8"(DN200)	495	658	173	310			300Kg
10"(DN250)	622	805	203	460			450Kg
12"(DN300)	698	955	243	460			725Kg

300Lb Casting steel globe valve

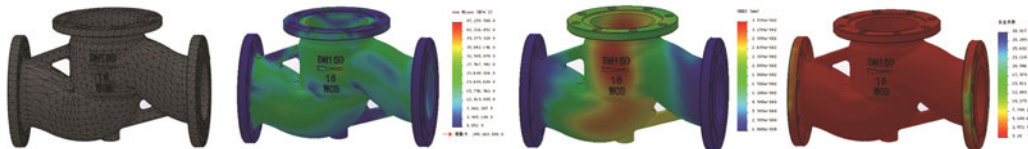


>>Basic information:

Class	300Lb	End	RF
Structure	Through Way	Actuator	HandWheel
Related standards			
Design	BS 1873	Test	API 598
End	ASME B16.5	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

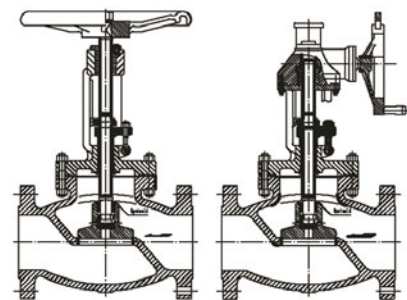
>>Introduction:

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2. COSMOSXpress software help engineer to optimize valve's structure.
3. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
2"(DN50)	267	385	83	200			25Kg
2.5"(DN65)	292	420	95	200			42Kg
3"(DN80)	318	440	105	280			46Kg
4"(DN100)	356	515	128	350			74Kg
5"(DN125)	400	580	140	350			111Kg
6"(DN150)	444	660	160	400			165Kg
8"(DN200)	559	900	190	550			275Kg
10"(DN250)	622	950	223	600			400Kg
12"(DN300)	711	1030	260	700			624Kg

300Lb Gear operation casting steel globe valve

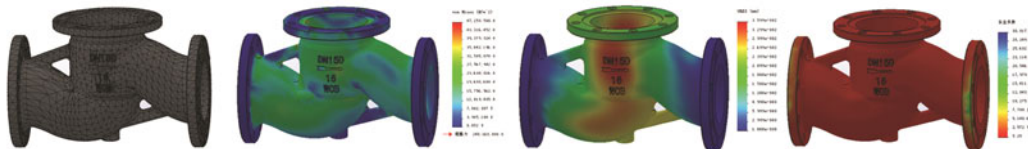


>>Basic information:

Class	300Lb	End	RF
Structure	Through Way	Actuator	Conical Gear
Related standards			
Design	BS 1873	Test	API 598
End	ASME B16.5	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

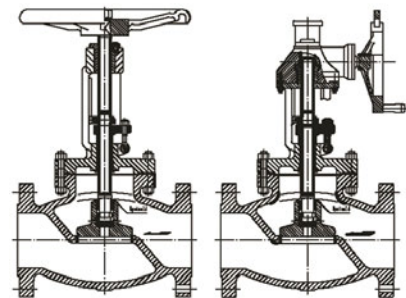
>>Introduction:

1. Using solidwork and Finite Element Analysis design tools, optimize working parts moving action.
2. COSMOSXpress software help engineer to optimize valve's structure.
3. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
6"(DN150)	444	690	160	310			195Kg
8"(DN200)	559	950	190	460			327Kg
10"(DN250)	622	990	223	460			452Kg
12"(DN300)	711	1080	260	460			725Kg

600Lb Casting steel globe valve

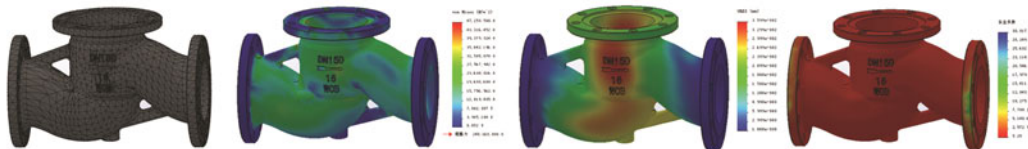


>>Basic information:

Class	600Lb	End	RF
Structure	Through Way	Actuator	HandWheel
Related standards			
Design	BS 1873	Test	API 598
End	ASME B16.5	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

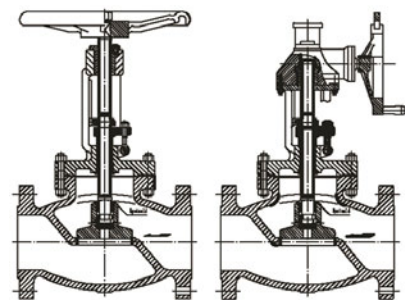
>>Introduction:

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3. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
2"(DN50)	292	360	83	250			32Kg
2.5"(DN65)	330	410	95	280			42Kg
3"(DN80)	356	465	105	300			63Kg
4"(DN100)	432	545	138	400			107Kg
5"(DN125)	508	625	165	500			185Kg
6"(DN150)	559	785	178	550			290Kg
8"(DN200)	660	930	210	650			540Kg

600Lb Gear operation casting steel globe valve

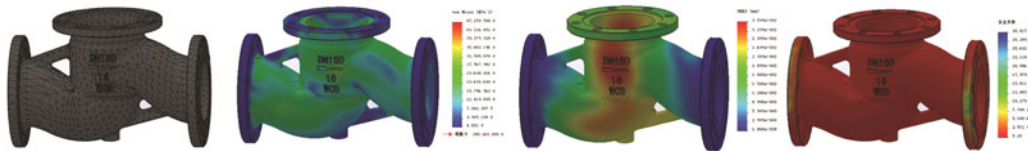


>>Basic information:

Class	600Lb	End	RF
Structure	Through Way	Actuator	Conical Gear
Related standards			
Design	BS 1873	Test	API 598
End	ASME B16.5	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

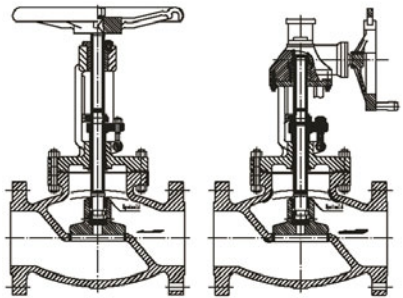
>>Introduction:

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3. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavitation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
4"(DN100)	432	575	138	310			138Kg
5"(DN125)	508	660	165	310			215Kg
6"(DN150)	559	820	178	460			342Kg
8"(DN200)	660	960	210	460			645Kg

900Lb Casting steel globe valve

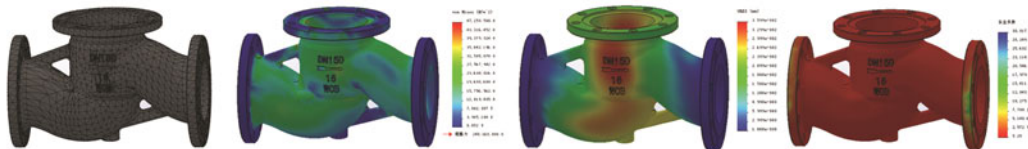


>>Basic information:

Class	900Lb	End	RF
Structure	Through Way	Actuator	HandWheel
Related standards			
Design	BS 1873	Test	API 598
End	ASME B16.5	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

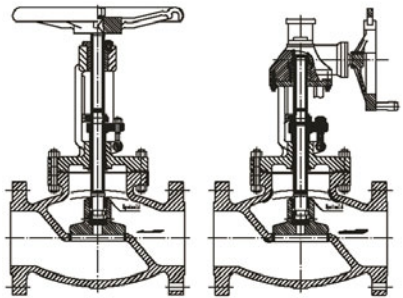
>>Introduction:

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3. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
2"(DN50)	368	480	108	350			55Kg
2.5"(DN65)	419	520	123	350			68Kg
3"(DN80)	381	564	120	400			95Kg
4"(DN100)	457	685	145	450			160Kg
5"(DN125)	559	780	175	550			270Kg
6"(DN150)	610	950	190	650			410Kg

900Lb Gear operation casting steel globe valve

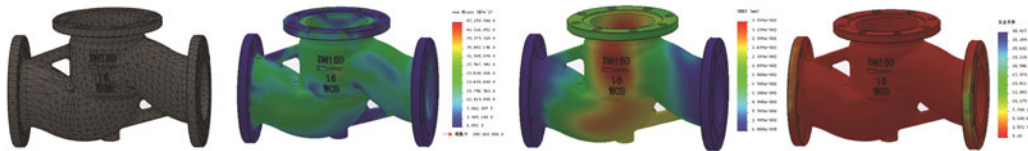


>>Basic information:

Class	900Lb	End	RF
Structure	Through Way	Actuator	Conical Gear
Related standards			
Design	BS 1873	Test	API 598
End	ASME B16.5	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

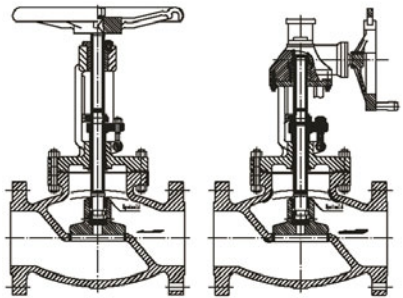
>>Introduction:

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3. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavitation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
3"(DN80)	381	630	120	310			128Kg
4"(DN100)	457	720	145	310			210Kg
5"(DN125)	559	840	175	460			325Kg
6"(DN150)	610	1015	190	460			480Kg

150Lb Casting steel swing check valve

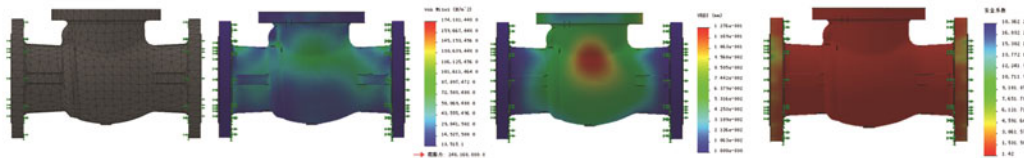


>>Basic information:

Class	150Lb	End	RF
Structure	Swing Single Disc	Actuator	N/A
Related standards			
Design	API 6D	Test	API 598
End	ASME B16.5	Top flange	
Medium: Oil, Gas, Water, Air			

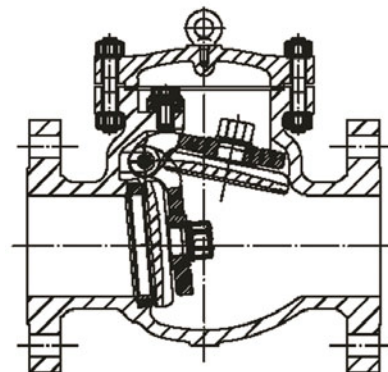
>>Introduction:

1. Using solidwork and Finite Element Analysis design tools, optimize working parts moving action.
2. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Bonnet	WCB	WCB	WCB	CF8	CF8M



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
2"(DN50)	203	132	75				15Kg
2.5"(DN65)	216	147	90				20Kg
3"(DN80)	241	176	95				27Kg
4"(DN100)	292	198	115				45Kg
5"(DN125)	330	255	128				58Kg
6"(DN150)	356	320	140				69Kg
8"(DN200)	495	380	173				131Kg
10"(DN250)	622	440	203				219Kg
12"(DN300)	699	480	243				321Kg
14"(DN350)	787	530	268				380Kg
16"(DN400)	864	580	298				560Kg
18"(DN450)	978	618	318				630Kg
20"(DN500)	978	657	350				770Kg
24"(DN600)	1295	760	408				960Kg
26"(DN650)	1295	840	435				1250Kg
28"(DN700)	1448	920	463				1580Kg
30"(DN750)	1524	980	493				1950Kg

300Lb Casting steel swing check valve

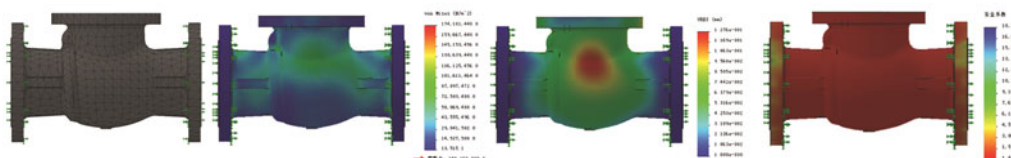


>>Basic information:

Class	300Lb	End	RF
Structure	Swing Single Disc	Actuator	N/A
Related standards			
Design	API 6D	Test	API 598
End	ASME B16.5	Top flange	
Medium: Oil, Gas, Water, Air			

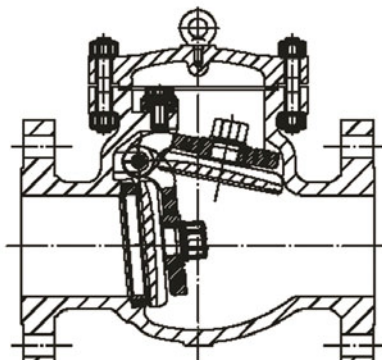
>>Introduction:

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2. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Bonnet	WCB	WCB	WCB	CF8	CF8M



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
2"(DN50)	267	144	83				20Kg
2.5"(DN65)	292	169	95				35Kg
3"(DN80)	318	210	105				40Kg
4"(DN100)	356	260	128				61Kg
5"(DN125)	400	295	140				80Kg
6"(DN150)	445	326	160				130Kg
8"(DN200)	533	380	190				190Kg
10"(DN250)	622	440	223				296Kg
12"(DN300)	711	520	260				450Kg
14"(DN350)	838	540	293				640Kg
16"(DN400)	864	588	325				850Kg
18"(DN450)	978	670	355				1030Kg
20"(DN500)	1016	720	388				1330Kg
24"(DN600)	1346	850	458				1950Kg
26"(DN650)	1346	920	485				2300Kg
28"(DN700)	1499	1150	518				2600Kg
30"(DN750)	1594	1260	545				3200Kg

600Lb Casting steel swing check valve

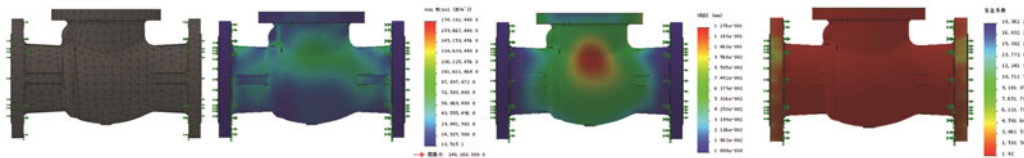


>>Basic information:

Class	600Lb	End	RF
Structure	Swing Single Disc	Actuator	N/A
Related standards			
Design	API 6D	Test	API 598
End	ASME B16.5	Top flange	
Medium: Oil, Gas, Water, Air			

>>Introduction:

1. Using solidwork and Finite Element Analysis design tools, optimize working parts moving action.
2. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Bonnet	WCB	WCB	WCB	CF8	CF8M

>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
2"(DN50)	292	170	83				28Kg
2.5"(DN65)	330	178	95				40Kg
3"(DN80)	356	246	105				68Kg
4"(DN100)	432	290	138				117Kg
5"(DN125)	508	320	165				155Kg
6"(DN150)	559	360	178				192Kg
8"(DN200)	660	430	210				340Kg
10"(DN250)	787	502	255				515Kg
12"(DN300)	838	554	280				750Kg
14"(DN350)	889	595	303				890Kg
16"(DN400)	991	680	343				1303Kg
18"(DN450)	1092	778	373				1800Kg
20"(DN500)	1194	970	408				2150Kg
24"(DN600)	1397	1100	470				3200Kg

900Lb Casting steel swing check valve

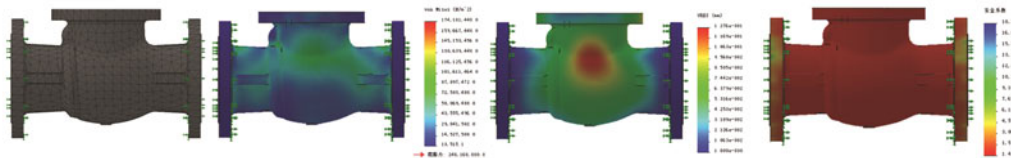


>>Basic information:

Class	900Lb	End	RF
Structure	Swing Single Disc	Actuator	N/A
Related standards			
Design	API 6D	Test	API 598
End	ASME B16.5	Top flange	
Medium: Oil, Gas, Water, Air			

>>Introduction:

1. Using solidwork and Finite Element Analysis design tools, optimize working parts moving action.
2. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Bonnet	WCB	WCB	WCB	CF8	CF8M

>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
2"(DN50)	368	200	108				48Kg
2.5"(DN65)	419	220	123				75Kg
3"(DN80)	381	280	120				95Kg
4"(DN100)	457	320	145				135Kg
5"(DN125)	559	360	175				200Kg
6"(DN150)	610	400	190				264Kg
8"(DN200)	737	480	235				424Kg
10"(DN250)	838	560	273				730Kg
12"(DN300)	965	632	305				1070Kg
14"(DN350)	1029	680	320				1180Kg
16"(DN400)	1130	780	353				1790Kg
18"(DN450)	1219	880	393				2500Kg
20"(DN500)	1321	1050	428				3080Kg
24"(DN600)	1549	1200	520				4600Kg

150Lb Casting steel lift check valve

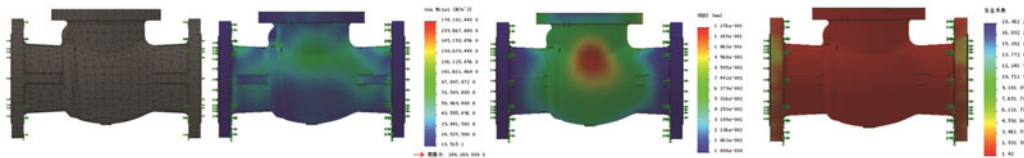


>>Basic information:

Class	150Lb	End	RF
Structure	Lift Through Way	Actuator	N/A
Related standards			
Design	API 6D	Test	API 598
End	ASME B16.5	Top flange	
Medium: Oil, Gas, Water, Air			

>>Introduction:

1. Using solidwork and Finite Element Analysis design tools, optimize working parts moving action.
2. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Bonnet	WCB	WCB	WCB	CF8	CF8M

>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
2"(DN50)	203	140	75				15Kg
2.5"(DN65)	216	162	90				22Kg
3"(DN80)	241	168	95				28Kg
4"(DN100)	292	194	115				42Kg
5"(DN125)	356	210	128				60Kg
6"(DN150)	406	226	140				75Kg
8"(DN200)	495	250	173				118Kg
10"(DN250)	622	275	203				194Kg
12"(DN300)	699	332	243				320Kg

300Lb Casting steel lift check valve

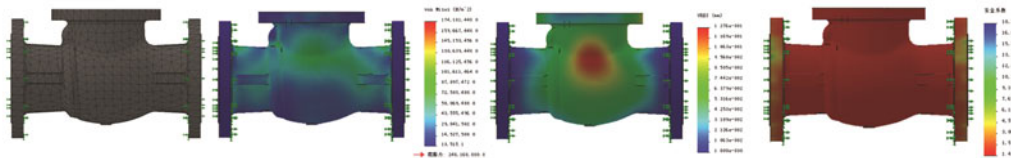


>>Basic information:

Class	300Lb	End	RF
Structure	Lift Through Way	Actuator	N/A
Related standards			
Design	API 6D	Test	API 598
End	ASME B16.5	Top flange	
Medium: Oil, Gas, Water, Air			

>>Introduction:

1. Using solidwork and Finite Element Analysis design tools, optimize working parts moving action.
2. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Bonnet	WCB	WCB	WCB	CF8	CF8M

>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
2"(DN50)	267	140	83				26Kg
2.5"(DN65)	292	164	95				33Kg
3"(DN80)	318	178	105				50Kg
4"(DN100)	356	195	128				86Kg
5"(DN125)	400	223	140				120Kg
6"(DN150)	445	245	160				180Kg
8"(DN200)	533	280	190				220Kg
10"(DN250)	622	336	223				310Kg
12"(DN300)	711	380	260				510Kg

600Lb Casting steel lift check valve

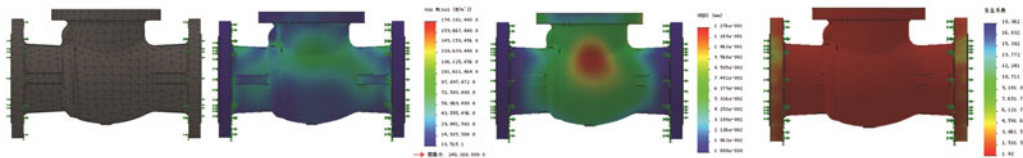


>>Basic information:

Class	600Lb	End	RF
Structure	Lift Through Way	Actuator	N/A
Related standards			
Design	API 6D	Test	API 598
End	ASME B16.5	Top flange	
Medium: Oil, Gas, Water, Air			

>>Introduction:

1. Using solidwork and Finite Element Analysis design tools, optimize working parts moving action.
2. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Bonnet	WCB	WCB	WCB	CF8	CF8M

>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
2"(DN50)	292	152	83				32Kg
2.5"(DN65)	330	167	95				45Kg
3"(DN80)	356	178	105				68Kg
4"(DN100)	432	215	138				98Kg
5"(DN125)	508	240	165				155Kg
6"(DN150)	559	279	178				230Kg
8"(DN200)	660	328	210				300Kg

900Lb Casting steel lift check valve

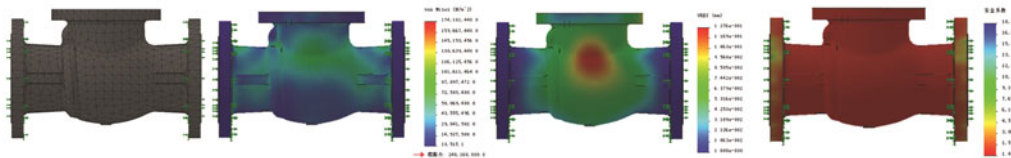


>>Basic information:

Class	900Lb	End	RF
Structure	Lift Through Way	Actuator	N/A
Related standards			
Design	API 6D	Test	API 598
End	ASME B16.5	Top flange	
Medium: Oil, Gas, Water, Air			

>>Introduction:

1. Using solidwork and Finite Element Analysis design tools, optimize working parts moving action.
2. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Bonnet	WCB	WCB	WCB	CF8	CF8M

>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
2"(DN50)	368	180	108				50Kg
2.5"(DN65)	419	200	123				65Kg
3"(DN80)	381	235	120				88Kg
4"(DN100)	457	270	145				140Kg
5"(DN125)	559	300	175				210Kg
6"(DN150)	610	350	190				300Kg
8"(DN200)	737	400	235				390Kg

PN16 Casting steel gate valve

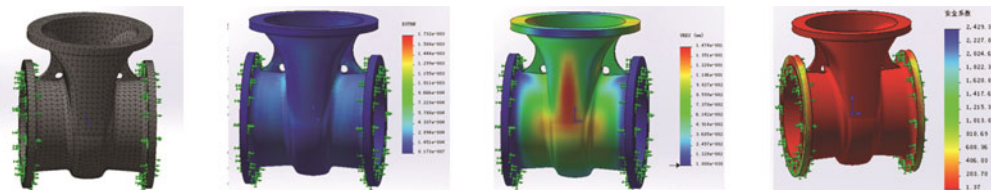


>>Basic information:

Class	PN16	End	RF
Structure	OS&Y-Flexible Wedge	Actuator	HandWheel
Related standards			
Design	GB/T 12234	Test	GB/T 13927
End	GB/T 9113	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

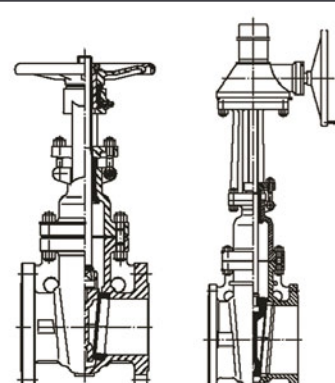
>>Introduction:

1. Using wedge gate structure, there is one bear for large size gate valve, and easy to operate.
2. Special stem heattreat, N-Coating surface, and make stem long life working.
3. There are many kinds of welding material for seat surface, to suit special working condition.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
3/4"(DN20)	150	190	53	140			
1"(DN25)	160	205	58	160			
1.25"(DN32)	180	270	68	180			
1.5"(DN40)	200	310	73	200			
2"(DN50)	250	358	80	240			
2.5"(DN65)	265	373	90	240			
3"(DN80)	280	435	98	280			
4"(DN100)	300	500	108	300			
5"(DN125)	325	614	123	320			
6"(DN150)	350	674	140	360			
8"(DN200)	400	818	168	400			
10"(DN250)	450	969	203	450			
12"(DN300)	500	1145	230	560			
14"(DN350)	550	1280	260	640			
16"(DN400)	600	1452	290	640			
18"(DN450)	650	1541	320	720			
20"(DN500)	700	1676	353	720			
24"(DN600)	800	1874	420	800			

PN25 Casting steel gate valve

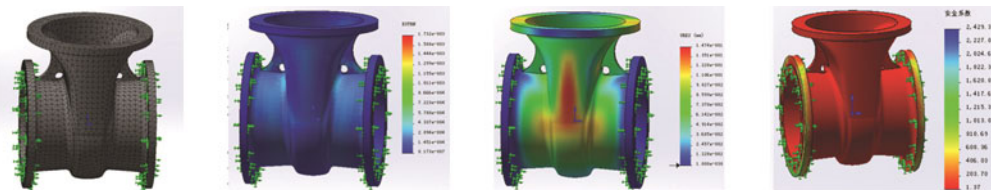


>>Basic information:

Class	PN25	End	RF
Structure	OS&Y-Flexible Wedge	Actuator	HandWheel
Related standards			
Design	GB/T 12234	Test	GB/T 13927
End	GB/T 9113	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

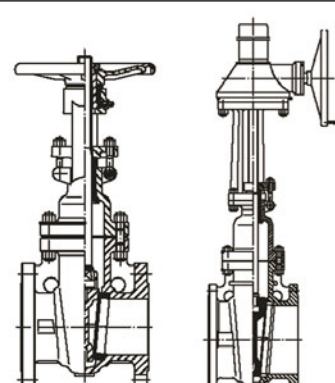
>>Introduction:

1. Using wedge gate structure, there is one bear for large size gate valve, and easy to operate.
2. Special stem heattreat, N-Coating surface, and make stem long life working.
3. There are many kinds of welding material for seat surface, to suit special working condition.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
1"(DN25)	160	205	58	160			
1.25"(DN32)	180	270	68	180			
1.5"(DN40)	200	310	73	200			
2"(DN50)	250	358	80	240			
2.5"(DN65)	265	373	90	240			
3"(DN80)	280	435	98	280			
4"(DN100)	300	500	108	300			
5"(DN125)	325	614	123	320			
6"(DN150)	350	674	140	360			
8"(DN200)	400	818	168	400			
10"(DN250)	450	969	203	450			
12"(DN300)	500	1145	230	560			
14"(DN350)	550	1280	260	640			
16"(DN400)	600	1452	290	640			
18"(DN450)	650	1541	320	720			
20"(DN500)	700	1676	353	720			
24"(DN600)	800	1874	420	800			

PN40 Casting steel gate valve

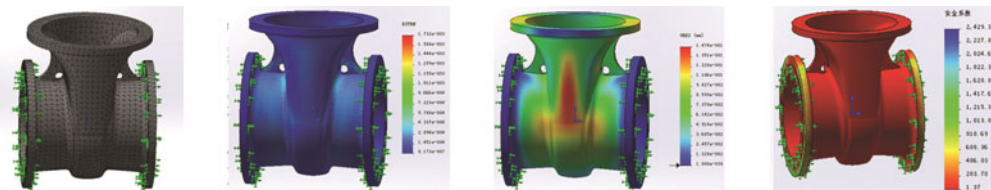


>> Basic information:

Class	PN40	End	RF
Structure	OS&Y-Flexible Wedge	Actuator	HandWheel
Related standards			
Design	GB/T 12234	Test	GB/T 13927
End	GB/T 9113	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

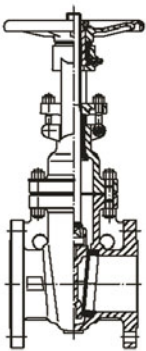
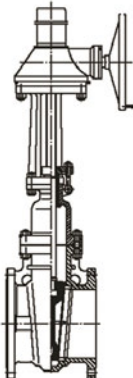
>> Introduction:

1. Using wedge gate structure, there is one bear for large size gate valve, and easy to operate.
2. Special stem heattreat, N-Coating surface, and make stem long life working.
3. There are many kinds of welding material for seat surface, to suit special working condition.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316

>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
1/2"(DN15)	130	135	48	120			
3/4"(DN20)	150	190	53	140			
1"(DN25)	160	205	58	160			
1.25"(DN32)	180	270	68	180			
1.5"(DN40)	200	310	73	200			
2"(DN50)	250	371	80	280			
2.5"(DN65)	280	391	90	280			
3"(DN80)	310	455	98	320			
4"(DN100)	350	551	115	360			
5"(DN125)	400	628	135	400			
6"(DN150)	450	708	150	400			
8"(DN200)	550	885	188	450			
10"(DN250)	650	906	223	560			
12"(DN300)	750	1203	255	640			
14"(DN350)	850	1341	285	640			
16"(DN400)	950	1492	328	720			

PN64 Casting steel gate valve

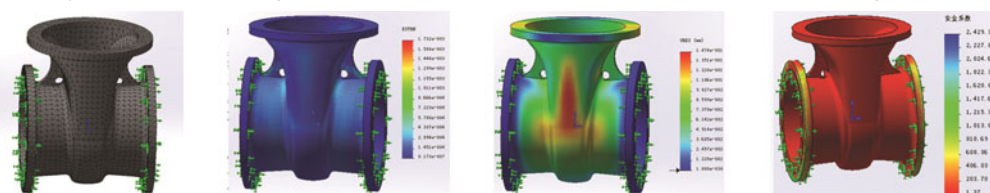


>>Basic information:

Class	PN64	End	RF
Structure	OS&Y-Flexible Wedge	Actuator	HandWheel
Related standards			
Design	GB/T 12234	Test	GB/T 13927
End	GB/T 9113	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

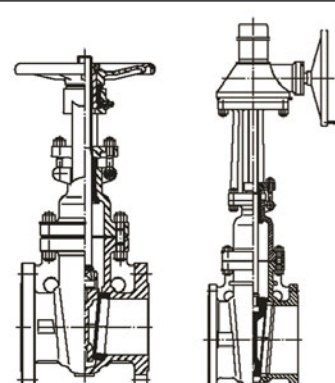
>>Introduction:

1. Using wedge gate structure, there is one bear for large size gate valve, and easy to operate.
2. Special stem heattreat, N-Coating surface, and make stem long life working.
3. There are many kinds of welding material for seat surface, to suit special working condition.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
1/2"(DN15)	170	140	53	120			
3/4"(DN20)	190	140	63	140			
1"(DN25)	210	215	68	180			
1.25"(DN32)	230	270	75	180			
1.5"(DN40)	240	345	83	200			
2"(DN50)	250	470	88	200			
2.5"(DN65)	280	520	100	250			
3"(DN80)	310	570	105	300			
4"(DN100)	350	700	125	300			
5"(DN125)	400	780	148	350			
6"(DN150)	450	850	170	350			
8"(DN200)	550	1035	203	400			
10"(DN250)	650	1050	235	560			
12"(DN300)	750	1470	265	640			

PN100 Casting steel gate valve

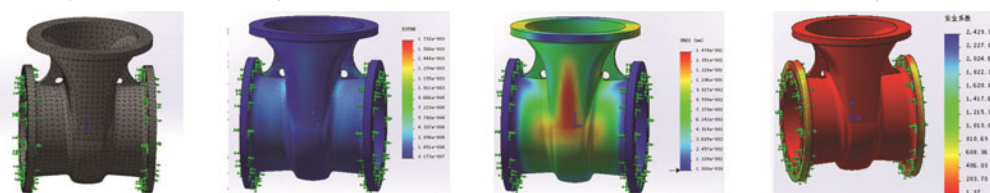


>>Basic information:

Class	PN100	End	RTJ
Structure	OS&Y-Flexible Wedge	Actuator	HandWheel
Related standards			
Design	GB/T 12234	Test	GB/T 13927
End	GB/T 9113	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

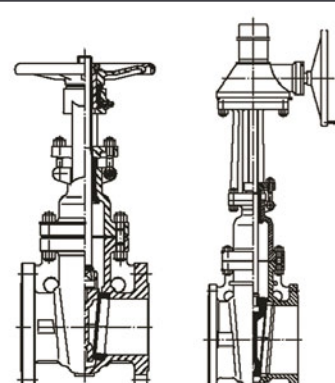
>>Introduction:

1. Using wedge gate structure, there is one bear for large size gate valve, and easy to operate.
2. Special stem heattreat, N-Coating surface, and make stem long life working.
3. There are many kinds of welding material for seat surface, to suit special working condition.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
1/2"(DN15)	170	140	58	120			
3/4"(DN20)	190	140	63	120			
1"(DN25)	210	310	68				
1.25"(DN32)	230	320	75				
1.5"(DN40)	240	360	83				
2"(DN50)	250	490	98	360			
2.5"(DN65)	280	540	110	400			
3"(DN80)	310	572	115	400			
4"(DN100)	350	572	133	400			
5"(DN125)	400	744	155	560			
6"(DN150)	450	800	175	560			
8"(DN200)	550	800	215	560			
10"(DN250)	650	1050	250				
12"(DN300)	750	1200	293				

PN160 Casting steel gate valve

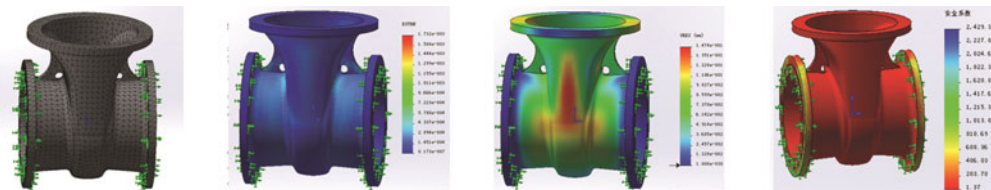


>>Basic information:

Class	PN160	End	RTJ
Structure	OS&Y-Flexible Wedge	Actuator	HandWheel
Related standards			
Design	GB/T 12234	Test	GB/T 13927
End	GB/T 9113	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

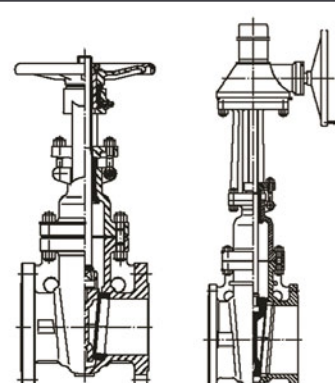
>>Introduction:

1. Using wedge gate structure, there is one bear for large size gate valve, and easy to operate.
2. Special stem heattreat, N-Coating surface, and make stem long life working.
3. There are many kinds of welding material for seat surface, to suit special working condition.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
1/2"(DN15)	170	230	55	200			
3/4"(DN20)	190	260	65	200			
1"(DN25)	210	280	70	280			
1.25"(DN32)	230	312	83	320			
1.5"(DN40)	260	350	88	320			
2"(DN50)	300	512	108	360			
2.5"(DN65)	340	560	123	360			
3"(DN80)	390	585	130	400			
4"(DN100)	450	631	150	450			
5"(DN125)	525	723	178	560			
6"(DN150)	600	820	195	640			
8"(DN200)	750	990	240	720			

PN250 Casting steel gate valve

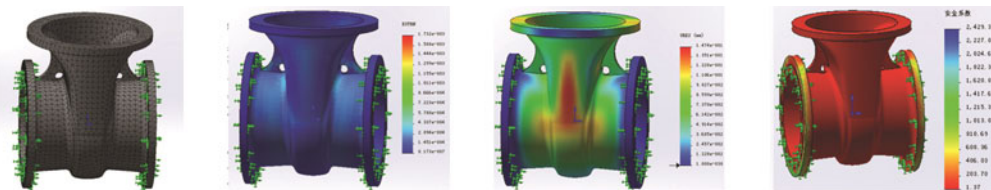


>>Basic information:

Class	PN250	End	RTJ
Structure	OS&Y-Flexible Wedge	Actuator	HandWheel
Related standards			
Design	GB/T 12234	Test	GB/T 13927
End	GB/T 9113	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

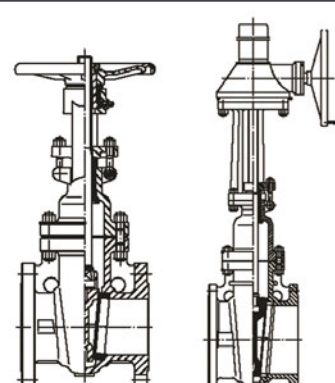
>>Introduction:

1. Using wedge gate structure, there is one bear for large size gate valve, and easy to operate.
2. Special stem heattreat, N-Coating surface, and make stem long life working.
3. There are many kinds of welding material for seat surface, to suit special working condition.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
2"(DN50)	350	493	105	360			
2.5"(DN65)	410	535	130	400			
3"(DN80)	470	576	145	400			
4"(DN100)	550	659	180	560			
5"(DN125)	650	710	193	560			
6"(DN150)	750	790	220	600			
8"(DN200)	832		268				
10"(DN250)	991		335				

PN16 Casting steel globe valve

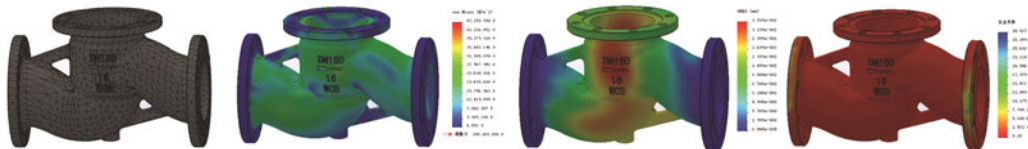


>>Basic information:

Class	PN16	End	RF
Structure	Through Way	Actuator	HandWheel
Related standards			
Design	GB/T 12235	Test	GB/T 13927
End	GB/T 9113	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

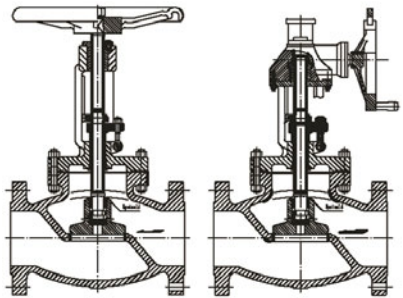
>>Introduction:

1. Using solidwork and Finite Element Analysis design tools, optimize working parts moving action.
2. COSMOSXpress software help engineer to optimize valve's structure.
3. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
3/8"(DN10)	130	198	45	120			
1/2"(DN15)	130	218	48	120			
3/4"(DN20)	150	258	53	140			
1"(DN25)	160	275	58	160			
1.25"(DN32)	180	280	68	180			
1.5"(DN40)	200	330	73	200			
2"(DN50)	230	350	80	240			
2.5"(DN65)	290	400	90	280			
3"(DN80)	310	355	98	280			
4"(DN100)	350	415	108	320			
5"(DN125)	400	460	123	360			
6"(DN150)	480	510	140	400			
8"(DN200)	600	710	168	400			
10"(DN250)	650	786	203	450			
12"(DN300)	750	925	230	500			

PN25 Casting steel globe valve

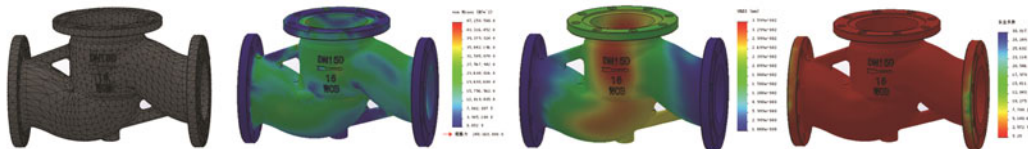


>>Basic information:

Class	PN25	End	RF
Structure	Through Way	Actuator	HandWheel
Related standards			
Design	GB/T 12235	Test	GB/T 13927
End	GB/T 9113	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

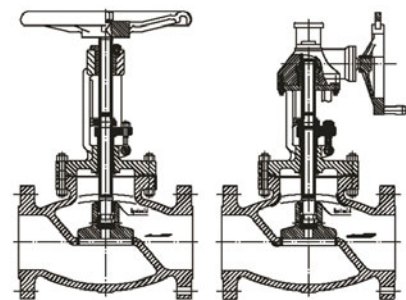
>>Introduction:

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2. COSMOSXpress software help engineer to optimize valve's structure.
3. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
3/8"(DN10)	130	198	45	120			
1/2"(DN15)	130	218	48	120			
3/4"(DN20)	150	258	53	140			
1"(DN25)	160	275	58	160			
1.25"(DN32)	180	280	68	180			
1.5"(DN40)	200	330	73	200			
2"(DN50)	230	350	80	240			
2.5"(DN65)	290	400	90	280			
3"(DN80)	310	355	98	280			
4"(DN100)	350	415	115	320			
5"(DN125)	400	460	135	360			
6"(DN150)	480	510	150	400			
8"(DN200)	600	710	180	400			
10"(DN250)	650	786	213	450			
12"(DN300)	750	925	243	500			

PN40 Casting steel globe valve

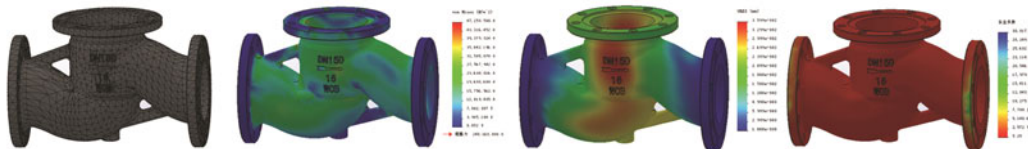


>>Basic information:

Class	PN40	End	RF
Structure	Through Way	Actuator	HandWheel
Related standards			
Design	GB/T 12235	Test	GB/T 13927
End	GB/T 9113	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

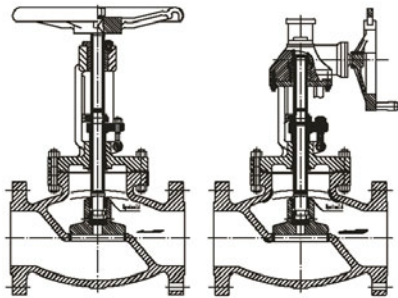
>>Introduction:

1. Using solidwork and Finite Element Analysis design tools, optimize working parts moving action.
2. COSMOSXpress software help engineer to optimize valve's structure.
3. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
3/8"(DN10)	130	198	45	120			
1/2"(DN15)	130	233	48	120			
3/4"(DN20)	150	275	53	140			
1"(DN25)	160	285	58	160			
1.25"(DN32)	180	302	68	180			
1.5"(DN40)	200	355	73	200			
2"(DN50)	230	373	80	240			
2.5"(DN65)	290	408	90	280			
3"(DN80)	310	436	98	320			
4"(DN100)	350	480	115	360			
5"(DN125)	400	558	135	400			
6"(DN150)	480	611	150	400			
8"(DN200)	600	720	188	400			

PN64 Casting steel globe valve

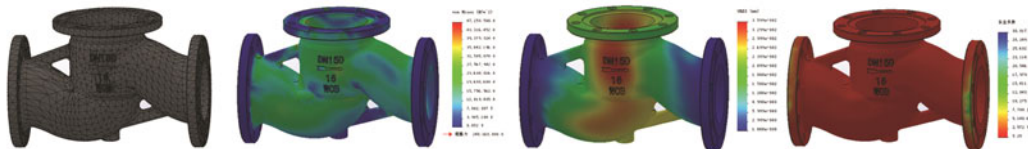


>>Basic information:

Class	PN64	End	RF
Structure	Through Way	Actuator	HandWheel
Related standards			
Design	GB/T 12235	Test	GB/T 13927
End	GB/T 9113	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

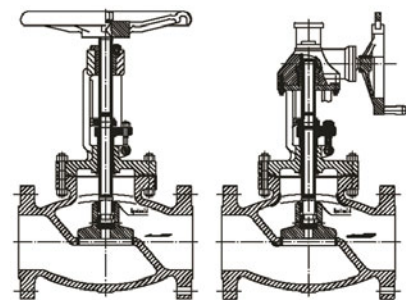
>>Introduction:

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2. COSMOSXpress software help engineer to optimize valve's structure.
3. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
3/8"(DN10)	170	198	50	120			
1/2"(DN15)	170	195	53	140			
3/4"(DN20)	190	228	63	160			
1"(DN25)	210	275	68	180			
1.25"(DN32)	230	325	75	200			
1.5"(DN40)	260	360	83	240			
2"(DN50)	300	410	88	280			
2.5"(DN65)	340	450	100	320			
3"(DN80)	380	485	105	360			
4"(DN100)	430	537	120	400			
5"(DN125)	500	631	125	400			
6"(DN150)	550	646	170	450			
8"(DN200)	650	813	203	500			

PN100 Casting steel globe valve

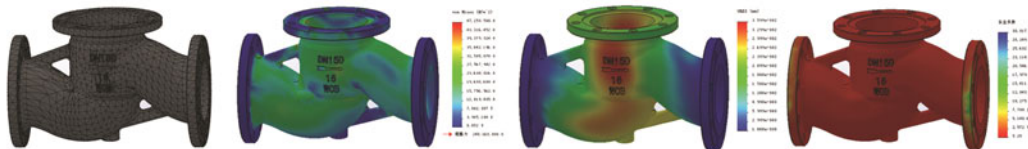


>>Basic information:

Class	PN100	End	RTJ
Structure	Through Way	Actuator	HandWheel
Related standards			
Design	GB/T 12235	Test	GB/T 13927
End	GB/T 9113	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

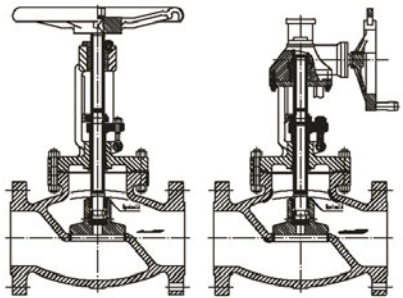
>>Introduction:

1. Using solidwork and Finite Element Analysis design tools, optimize working parts moving action.
2. COSMOSXpress software help engineer to optimize valve's structure.
3. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
3/8"(DN10)	170	198	50	120			
1/2"(DN15)	170	202	53	140			
3/4"(DN20)	190	228	63	160			
1"(DN25)	210	250	68	180			
1.25"(DN32)	230	326	75	220			
1.5"(DN40)	260	359	83	240			
2"(DN50)	300	414	98	280			
2.5"(DN65)	340	434	110	320			
3"(DN80)	380	547	115	400			
4"(DN100)	430	621	133	450			
5"(DN125)	500	732	105	450			
6"(DN150)	550	840	175	500			
8"(DN200)	650	925	215	550			

PN160 Casting steel globe valve

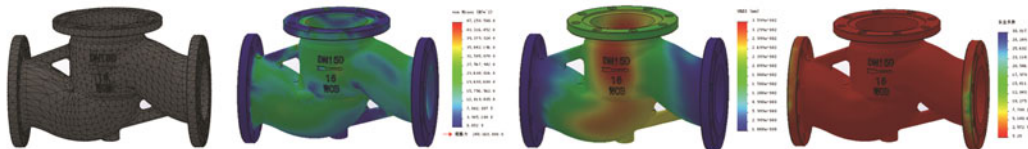


>>Basic information:

Class	PN160	End	RTJ
Structure	Through Way	Actuator	HandWheel
Related standards			
Design	GB/T 12235	Test	GB/T 13927
End	GB/T 9113	Top flange	ISO 5210
Medium: Oil, Gas, Water, Air			

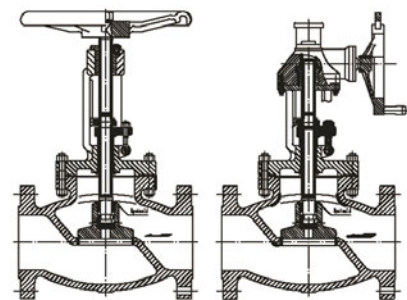
>>Introduction:

1. Using solidwork and Finite Element Analysis design tools, optimize working parts moving action.
2. COSMOSXpress software help engineer to optimize valve's structure.
3. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Stem Nut	D2				
7	Backseat Bushing	F6a	F6a	F6a	F304	F316



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
1/2"(DN15)	170	148	55	140			
3/4"(DN20)	190	156	65	160			
1"(DN25)	210	125	70	180			
1.25"(DN32)	230	200	83	220			
1.5"(DN40)	260	231	88	240			
2"(DN50)	300	262	108	250			
2.5"(DN65)	340	303	123	320			
3"(DN80)	380	341	130	400			
4"(DN100)	430	485	150	450			

PN16 Casting steel swing check valve

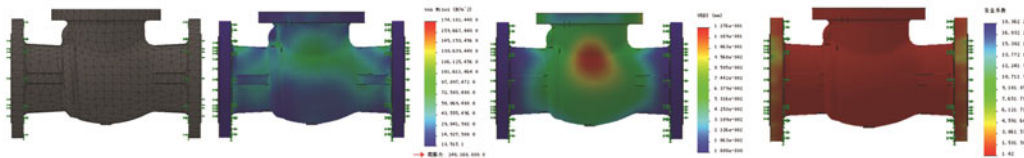


>>Basic information:

Class	PN16	End	RF
Structure	Swing Single Disc	Actuator	N/A
Related standards			
Design	GB/T 12236	Test	GB/T 13927
End	GB/T 9113	Top flange	
Medium: Oil, Gas, Water, Air			

>>Introduction:

1. Using solidwork and Finite Element Analysis design tools, optimize working parts moving action.
2. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavitation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Bonnet	WCB	WCB	WCB	CF8	CF8M

>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
2"(DN50)	230	160	80				
2.5"(DN65)	290	177	90				
3"(DN80)	310	187	98				
4"(DN100)	350	202	108				
5"(DN125)	400	227	123				
6"(DN150)	480	263	140				
8"(DN200)	550	293	168				
10"(DN250)	650	330	203				
12"(DN300)	750	382	230				
14"(DN350)	850	430	260				
16"(DN400)	950	480	290				
20"(DN500)	1150	560	353				

PN25 Casting steel swing check valve

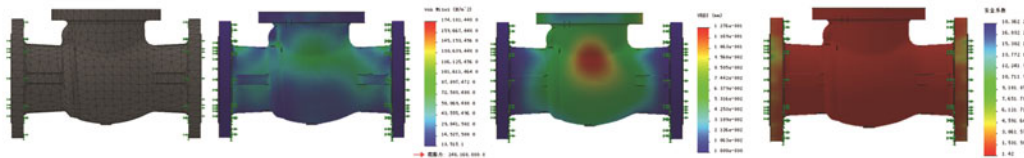


>>Basic information:

Class	PN25	End	RF
Structure	Swing Single Disc	Actuator	N/A
Related standards			
Design	GB/T 12236	Test	GB/T 13927
End	GB/T 9113	Top flange	
Medium: Oil, Gas, Water, Air			

>>Introduction:

1. Using solidwork and Finite Element Analysis design tools, optimize working parts moving action.
2. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavitation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Bonnet	WCB	WCB	WCB	CF8	CF8M

>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
2"(DN50)	230	177	80				
2.5"(DN65)	290	192	90				
3"(DN80)	310	192	98				
4"(DN100)	350	217	115				
5"(DN125)	400	250	123				
6"(DN150)	480	270	150				
8"(DN200)	550	350	180				
10"(DN250)	650	410	213				
12"(DN300)	750	430	243				
14"(DN350)	850	450	275				
16"(DN400)	950	560	305				
20"(DN500)	1150	618	365				

PN40 Casting steel swing check valve

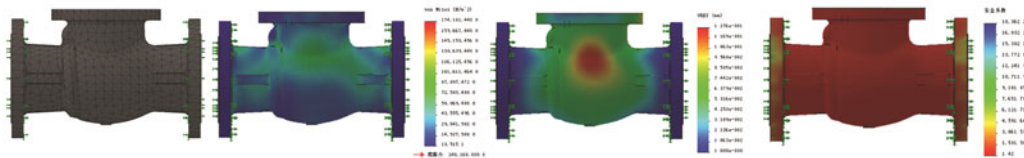


>>Basic information:

Class	PN40	End	RF
Structure	Swing Single Disc	Actuator	N/A
Related standards			
Design	GB/T 12236	Test	GB/T 13927
End	GB/T 9113	Top flange	
Medium: Oil, Gas, Water, Air			

>>Introduction:

1. Using solidwork and Finite Element Analysis design tools, optimize working parts moving action.
2. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavitation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Bonnet	WCB	WCB	WCB	CF8	CF8M

>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
2"(DN50)	230	177	80				
2.5"(DN65)	290	192	90				
3"(DN80)	310	192	98				
4"(DN100)	350	217	115				
5"(DN125)	400	259	135				
6"(DN150)	480	270	150				
8"(DN200)	550	340	188				
10"(DN250)	650	401	223				
12"(DN300)	750	423	255				
14"(DN350)	850	460	285				
16"(DN400)	950	490	328				
20"(DN500)	1150	618	388				

PN64 Casting steel swing check valve

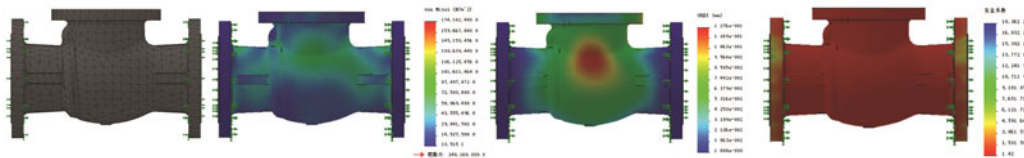


>>Basic information:

Class	PN64	End	RF
Structure	Swing Single Disc	Actuator	N/A
Related standards			
Design	GB/T 12236	Test	GB/T 13927
End	GB/T 9113	Top flange	
Medium: Oil, Gas, Water, Air			

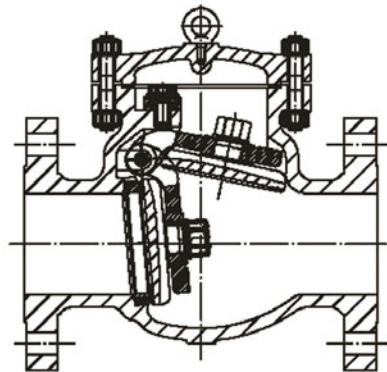
>>Introduction:

1. Using solidwork and Finite Element Analysis design tools, optimize working parts moving action.
2. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Bonnet	WCB	WCB	WCB	CF8	CF8M



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
1.25"(DN32)	230	162	75				
1.5"(DN40)	260	168	83				
2"(DN50)	300	170	88				
2.5"(DN65)	340	188	100				
3"(DN80)	380	205	105				
4"(DN100)	430	230	125				
5"(DN125)	500	265	148				
6"(DN150)	550	310	170				
8"(DN200)	600	350	203				

PN100 Casting steel swing check valve

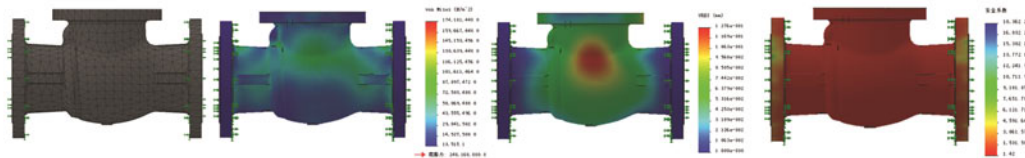


>>Basic information:

Class	PN100	End	RTJ
Structure	Swing Single Disc	Actuator	N/A
Related standards			
Design	GB/T 12236	Test	GB/T 13927
End	GB/T 9113	Top flange	
Medium: Oil, Gas, Water, Air			

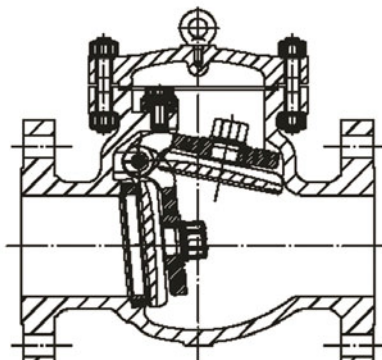
>>Introduction:

1. Using solidwork and Finite Element Analysis design tools, optimize working parts moving action.
2. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Bonnet	WCB	WCB	WCB	CF8	CF8M



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
2"(DN50)	300	192	98				
2.5"(DN65)	340	207	110				
3"(DN80)	380	235	115				
4"(DN100)	430	265	133				
5"(DN125)	500	313	155				
6"(DN150)	550	360	175				
8"(DN200)	650	420	215				
10"(DN250)	775	480	250				

PN160 Casting steel swing check valve

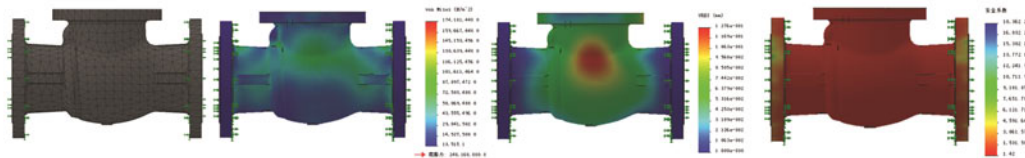


>>Basic information:

Class	PN160	End	RTJ
Structure	Swing Single Disc	Actuator	N/A
Related standards			
Design	GB/T 12236	Test	GB/T 13927
End	GB/T 9113	Top flange	
Medium: Oil, Gas, Water, Air			

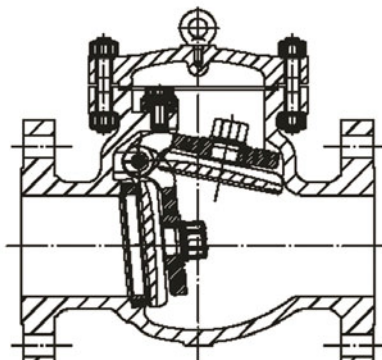
>>Introduction:

1. Using solidwork and Finite Element Analysis design tools, optimize working parts moving action.
2. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Bonnet	WCB	WCB	WCB	CF8	CF8M



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
2"(DN50)	300	251	108				
2.5"(DN65)	340	282	123				
3"(DN80)	380	320	130				
4"(DN100)	430	356	150				
5"(DN125)	500	393	178				
6"(DN150)	550	430	195				
8"(DN200)	650	470	240				
10"(DN250)	750	514	290				

PN250 Casting steel swing check valve

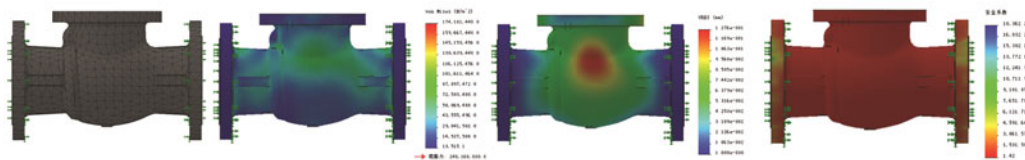


>>Basic information:

Class	PN250	End	RTJ
Structure	Swing Single Disc	Actuator	N/A
Related standards			
Design	GB/T 12236	Test	GB/T 13927
End	GB/T 9113	Top flange	
Medium: Oil, Gas, Water, Air			

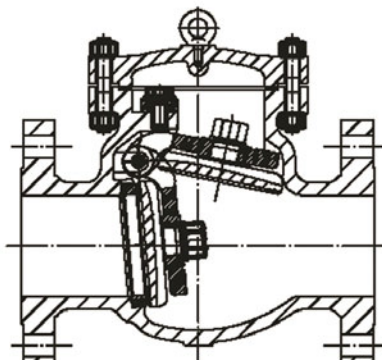
>>Introduction:

1. Using solidwork and Finite Element Analysis design tools, optimize working parts moving action.
2. Flow simulation simulate medium's flowing action, heat transfer process, and help engineer to decrease cavation, make less flowing resistance.



>>Main parts list:

No.	Part name	Material				
		WCB	WCB	WCB	CF8	CF8M
1	Body	WCB	WCB	WCB	CF8	CF8M
2	Seat	13Cr	Stellite		SS304	SS316
3	Wedge	WCB	WCB	WCB	CF8	CF8M
4	Seal Ring	13Cr	Stellite	13Cr	SS304	SS316
5	Stem	F6a			F304	F316
6	Bonnet	WCB	WCB	WCB	CF8	CF8M



>>Main dimension(mm):

Nominal DN	Face to face length	Top flange to pipe center	Bottom to pipe center	Hand wheel or lever	Torque (N.M)	Cv	Remark
2"(DN50)	368	310	105				
2.5"(DN65)	419	346	130				
3"(DN80)	470	385	145				
4"(DN100)	546	406	180				
5"(DN125)	673	534	193				
6"(DN150)	705	560	220				
8"(DN200)	832	618	268				
10"(DN250)	991	673	335				



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