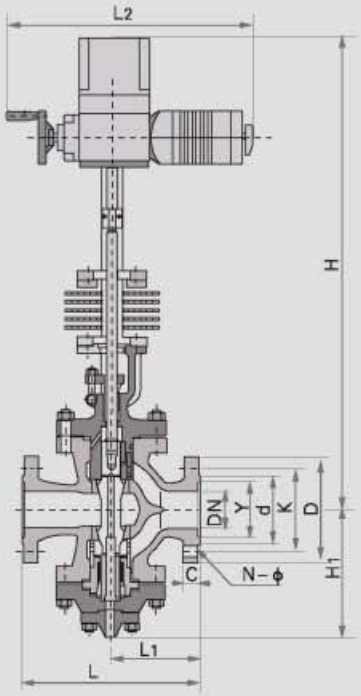
TANA

Pressure Reducing Valve

Wenzhou Topnotch Machine Co.,Ltd.

The power-driven double of WYs945H/Y's mould value (brining the cooling fin mould)



Structural features and uses

This the set pressure reducing value chiefly consists of the spare parts such as valve part of the body , valve pedestal , valve fragment and valve shade and so on , and adopts twin valve pedestal and the taper form post stopper compositions , and broadend to pass through to run area and may shiftting contrasing . Possess choke Kong Zhao inner place the valve , and broadend the scope decompresing , and averts moreover reduceing warm water directly to spurt in the valve part of the body , and safeguarded the valve part of the body .

This the set produce is chiefly used thermal power generation , forms a complete system to reduce the temperature and decompresss on the unit at the third generation , employ when regulateing the temperature when regulateing pressure and temperature will against gives the water regulating valve forms a complete system the use .

Flow capacity parameters

DN(mm)	50	65	80	100	125	150	200	250	300	350	400
Max flow area	5	9.5	12	24	38	44	71.5	108	190	270	317.1
Nets circulation area	60.3	78	98.5	133.7	191	221.6	253.3	452.4	615.7	875	1160.4

Main parts and materials

Dielectric materials for oxygen

Parts	Material
Valve valve cover caps	WCB
Seat valve disc	304
Valve shade	304
Valve fragment	304
Valve staff	38CrMoAlA
Spacer	Graphite/Cr18Ni9
Packing	Graphite
Bolt	35CrMoA
Nut	45

The main technical parameters and performance indicators

Nominal Pressure(Mpa)	6.4	10.0
Shell Test Pressure(Mpa)	9.6	15.0
Seal Test Pressure(Mpa)	7.04	11.0
Max Inlet Pressure(Mpa)	6.4	10.0
Outlet Pressure Range(Mpa)	0.6	
Leakage	0.5%QMax	
Temperature-Pressure Rating	ANSI B16.34	

Main dimensions

(PN6.4–10.0) mm

DN	Dimensions				
	L	L1	H	H1	Path Taken Over By Warm Water
50	300	150	1030	260	10
65	340	170	1040	285	10
80	380	190	1060	305	20
100	400	215	1100	330	20
125	430	225	1140	380	32
150	450	230	1240	410	32
200	500	260	1310	435	32
250	550	285	1380	470	32
300	750	395	1570	580	32
350	850	445	1650	660	40
400	950	550	1770	800	50

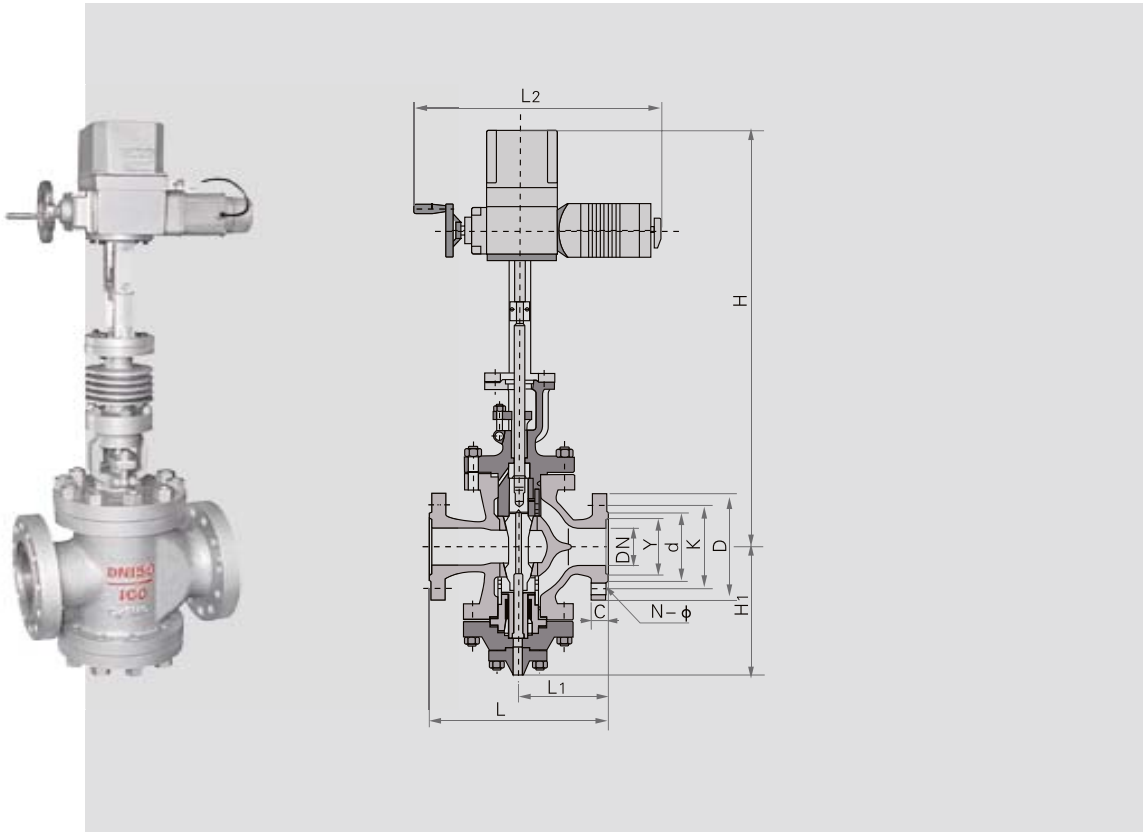
Electric actuator matching and performance indicators

DN(mm)	50	65	80	100	125	150	200	250	300	350	400
Actuator Model	ZKZ–310BC		ZKZ–410BC/ZKZ–510BC				ZKZ–510BC		ZKZ–610BC		
Stroke	25		30				50/30		50		60
Thrust	4000		6400/1600				16000		25000		
Full stroke time	20		32				37		62		
Input Signal					4–20mA	DC					
Power Supply				220V	50Hz						
Basic error					≤ ±2.5						
Backlash					≤ ±1.5						
Stroke deviation					≤2						

Connection Type
Flange:FM RJ
Standard:JB79 GB9113

Ordering Information: Model / Metal / nominal Path / semi–connected law standards / rated flow / import pressure / Surge of pressure or export / working medium and medium temperature

The power-driven double-seater of WY945H/Y's mould reduces the mild pressure value



Structural features and uses

This the set pressure reducing value chiefly consists of the spare parts such as valve part of the body , valve pedestal , valve fragment and valve shade and so on , and the form adoptd twinly valve pedestal and taper post is squeezeed in the knot , and broadend to pass through to run area and may and shifts contrasing . Possess choke Kong Zhao inner place the valve , and broadend the scope decompresing , and averts moreover reduceing warm water directly to spurt in the valve part of the body , and safeguarded the valve part of the body

This the set produce is chiefly used thermal power generation , forms a complete system to reduce the temperature and decompresss on the unit at the third generation , employ when regulateing the temperature when regulateing pressure and temperature will against gives the water regulating valve forms a complete system the use .

Flow capacity parameters

DN(mm)	50	65	80	100	125	150	200	250	300	350	400
Max flow area	5	9.5	12	24	38	44	71.5	108	190	270	317.1
Nets circulation area	60.3	78	98.5	133.7	191	221.6	253.3	452.4	615.7	875	1160.4

Main parts and materials

Dielectric materials for oxygen

Parts	Material
Valve valve cover caps	WCB
Seat valve disc	304
Valve shade	304
Valve Fragment	304
Valve staff	38CrMoAIA
Spacer	Graphite/Cr18Ni9
Packing	Graphite
Bolt	35CrMoA
Nut	45

The main technical parameters and performance indicators

Shell test not include diaphragm and cover

Nominal Pressure(Mpa)	6.4	10.0
Shell Test Pressure(Mpa)	9.6	15.0
Seal Test Pressure(Mpa)	7.04	11.0
Max Inlet Pressure(Mpa)	6.4	10.0
Outlet Pressure Range(Mpa)	Best decompression ratio 0.6	
Leakage	0.5%QMAX	
Temperature-Pressure Rating	ANSI B16.34	

Main dimensions

(PN6.4–10.0) mm

DN	Dimensions				
	L	L1	H	H1	Path Taken Over By Warm Water
50	300	150	880	260	10
65	340	170	890	285	10
80	380	190	910	305	20
100	400	215	950	330	20
125	430	225	990	380	32
150	450	230	1090	410	32
200	500	260	1160	435	32
250	550	285	1230	470	32
300	750	395	1370	580	32
350	850	445	1450	660	40
400	950	550	1570	800	50

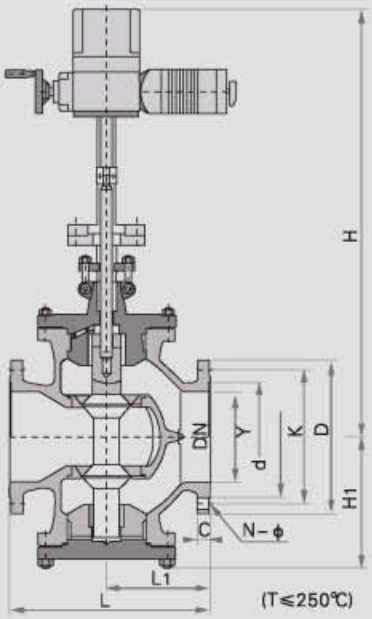
Electric actuator matching and performance indicators

DN(mm)	50	65	80	100	125	150	200	250	300	350	400
Actuator Model	ZKZ-310BC		ZKZ-410BC/ZKZ-510BC				ZKZ-510BC		ZKZ-610BC		
Stroke	25		30				50/30		50		60
Thrust	4000		6400/1600				16000		25000		
Full stroke time	20		32				37		62		
Input Signal			4-20mA DC								
Power Supply			220V 50Hz								
Basic error			≤±2.5								
Backlash			≤±1.5								
Stroke deviation			≤2								

Connection Type
Flange:FM RJ
Standard:JB79 GB9113

Ordering Information: Model / Metal / nominal Path / semi-connected law standards / rated flow / import pressure / Surge of pressure or export / working medium and medium temperature

Power-driven pressure reducing (brining the cooling fin mould) of Ys945H/Y's mould



Structural features and uses

This the set pressure reducing value chiefly consists of the spare parts such as valve part of the body , valve pedestal and valve fragment and so on , and adopts twin valve pedestals and twin cone valve fragments compositions . The pressure right side adoptd the pressure balancing style valve fragment and by means of the valve fragment gos up and down regulateing matchs somebody with somebody in the way of ZKZ-BC's mould either else mould power-driven actuartor of upright stroke achieves to telecontrol and the automatic control .

This set produce decompresss than employs and is relatively appropriate up 0.6

This produce is main in the way of the steam pipe route , and regulates pressure .

The extensive use is living , and the pyroelectricity unities professions such as produce , light spinning , printing and dyeing and Shi Hua refines sugar and so on .

DN	50	65	80	100	125	150	200	250	300	350	400	500
Cv	20	25	50	60	70	110	150	230	420	540	710	1020

Main parts and materials

Dielectric materials for oxygen

Parts	Material
Valve valve cover caps	WCB
Seat valve disc	304
Valve fragment	2Cr13
Valve staff	2Cr13
Spacer	Graphite/Cr18Ni9
Direction case	2Cr13
Packing	Graphite
Bolt	35CrMoA
Nut	45

The main technical parameters and performance indicators

Shell test not include diaphragm and cover

Nominal Pressure(Mpa)	1.6	2.5	4.0	6.4	10.0	16.0
Shell Test Pressure(Mpa)	2.4	3.75	6.0	9.6	15.0	24
Seal Test Pressure(Mpa)	1.76	2.75	4.4	7.04	11.0	17.6
Max Inlet Pressure(Mpa)	1.6	2.5	4.0	6.4	10.0	16.0
Outlet Pressure Range(Mpa)	Best decompression ratio 0.6					
Leakage	0.5%QMax					
Temperature-Pressure Rating	ANSI B16.34					

Main connection size

(PN1.6–4.0) mm

DN	Dimension			
	L	L1	H	H1
50	300	150	1030	190
65	340	170	1040	205
80	380	190	1060	215
100	400	215	1100	240
125	430	225	1140	275
150	450	230	1240	320
200	500	260	1310	340
250	550	285	1380	370
300	750	395	1570	460
350	850	445	1650	530
400	950	550	1770	660
500	1130	680	1980	800

(PN6.4–16.0) mm

	Dimension			
	L	L1	H	H1
50	300	150	1030	200
65	340	170	1040	215
80	380	190	1060	225
100	400	215	1100	250
125	430	225	1140	285
150	450	230	1240	330
200	500	260	1310	355
250	550	285	1380	390
300	750	395	1570	480
350	850	445	1650	550
400	950	550	1770	700
500	1130	680	1980	820

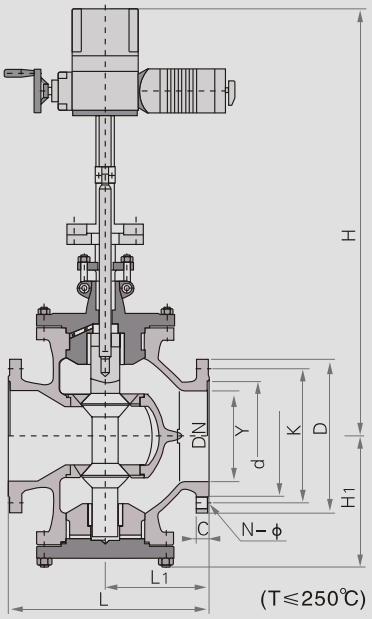
Electric actuator matching and performance indicators

DN(mm)	50	65	80	100	125	150	200	250	300	350	400	500
Actuator Model	ZKZ-310BC		ZKZ-410BC/ZKZ-510BC				ZKZ-510BC		ZKZ-610BC/ B+Z250/F1800			
Stroke	25		30				50/30		50		60	100
Thrust	4000		6400/1600				16000		25000			
Full stroke time	20		32				37		62			
Input Signal	4-20mA DC											
Power Supply	220V 50Hz										380V 50Hz	
Basic error	≤±2.5											
Backlash	≤±1.5											
Stroke deviation	≤2											

Connection Type
Flange:RF FM RJ
Standard:JB79 GB9113

Ordering Information: Model / Metal / nominal Path / semi-connected law standards / rated flow / import pressure / Surge of pressure or export / working medium and medium temperature

The high response huge current of YGa43H/Y's mould



Structural features and uses

This the set pressure reducing value chiefly consists of the spare parts such as valve part of the body , valve pedestal and valve fragment and so on , and adopts twin valve pedestals and twin cone valve fragments compositions . The pressure right side adoptd the pressure balancing style valve fragment and by means of the valve fragment gos up and down regulateing matchs somebody with somebody in the way of ZKZ–BC's mould either else mould power–driven actuartor of upright stroke achieves to telecontrol and the automatic control . This set produce decompresss than employs up 0.6 relatively suitably that native produce is main in the way of the steam pipe route , and regulates pressure . The extensive use is living , and the pyroelectricity unities professions such as produce , light spinning , printing and dyeing and Shi Hua refines sugar and so on .

CV

DN	50	65	80	100	125	150	200	250	300	350	400	500
Cv	15	20	35	60	70	110	150	230	420	540	710	1020

Main parts and materials

Dielectric materials for oxygen

Parts	Material
Valve valve cover caps	WCB
Seat valve disc	304
Valve fragment	2Cr13
Valve Staff	2Cr13
Spacer	Graphite/Cr18Ni9
Direction case	2Cr13
Packing	Graphite
Bolt	35CrMoA
Nut	45

The main technical parameters and performance indicators

Shell test not include diaphragm and cover

Nominal Pressure(Mpa)	1.6	2.5	4.0	6.4	10.0	16.0
Shell Test Pressure(Mpa)	2.4	3.75	6.0	9.6	15.0	24
Seal Test Pressure(Mpa)	1.76	2.75	4.4	7.04	11.0	17.6
Max Inlet Pressure(Mpa)	1.6	2.5	4.0	6.4	10.0	16.0
Outlet Pressure Range(Mpa)	Best decompression ratio 0.6					
Leakage			0.5%QMax			
Temperature-Pressure Rating			ANSI B16.34			

Main connection size

(PN1.6–4.0) mm

	L	L1	H	H1
50	300	150	880	190
65	340	170	890	205
80	380	190	910	215
100	400	215	950	240
125	430	225	990	275
150	450	230	1090	320
200	500	260	1160	340
250	550	285	1230	370
300	750	395	1370	460
350	850	445	1450	530
400	950	550	1570	660
500	1130	680	1780	800

(PN6.4–16.0) mm

	L	L1	H	H1
50	300	150	880	200
65	340	170	890	215
80	380	190	910	225
100	400	215	950	250
125	430	225	990	285
150	450	230	1090	330
200	500	260	1160	355
250	550	285	1230	390
300	750	395	1370	480
350	850	445	1450	550
400	950	550	1570	700
500	1130	680	1780	820

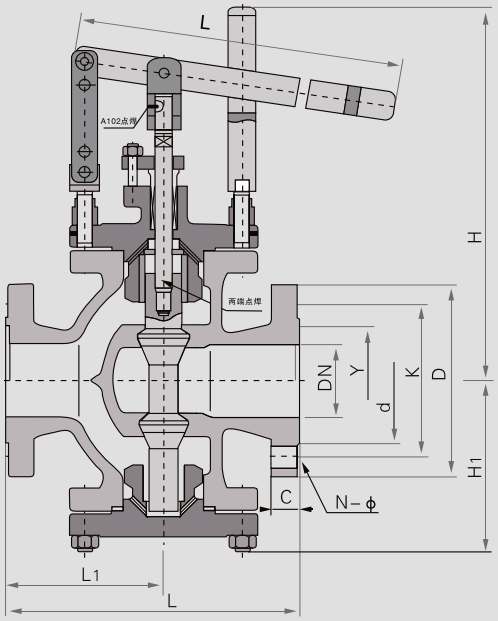
Electric actuator matching and performance indicators

DN(mm)	50	65	80	100	125	150	200	250	300	350	400	500
Actuator Model	ZKZ–310BC		ZKZ–410BC/ZKZ–510BC				ZKZ–510BC		ZKZ–610BC/ B+Z250/F1800			
Stroke	25		30				50/30		50		60	100
Thrust	4000		6400/1600				16000		25000			
Full stroke time	20		32				37		62			
Input Signal	4–20mA DC											
Power Supply	220V 50Hz								380V 50Hz			
Basic error	⩽ ±2.5											
Backlash	⩽ ±1.5											
Stroke deviation	⩽2											

Connection Type
Flange:RF FM RJ
Standard:JB79 GB9113

Ordering Information: Model / Metal / nominal Path / semi–connected law standards / rated flow / import pressure / Surge of pressure or export / working medium and medium temperature

Power-driven double-seater steam pressure reducing value of Y45H/Y's mould



Structural features and uses

This the set pressure reducing value chiefly consists of the spare parts such as valve part of the body , valve pedestal and valve fragment and so on , and adopts twin valve pedestals and twin cone valve fragments compositions . Adopt the pressure balancing style valve fragment and gos up and down regulateing . Such is regulateed , and the organization adopts the staff the carrying on shoulder style , and may match somebody with somebody in the way of DKJ managees either else mould horn power-driven actuartor of stroke , and achieves to telecontrol and the automatic control

This set produce decompresss than relatively appropriate in the way of 0.6

This produce is chiefly used the steam pipe route , and regulates pressure . The extensive use is living , and the pyroelectricity unities professions such as produce. Shi Hua refines sugar and so on .

CV

DN	50	65	80	100	125	150	200	250	300	350	400	500
Cv	20	25	50	60	70	110	150	230	420	540	710	1020

Main parts and materials

Dielectric materials for oxygen

Parts	Material
Valve valve cover caps	WCB
Seat valve disc	304
Valve fragment	2Cr13
Valve Staff	2Cr13
Spacer	Graphite/Cr18Ni9
Direction case	2Cr13
Packing	Graphite
Bolt	35CrMoA
Nut	45

The main technical parameters and performance indicators

Shell test not include diaphragm and cover

Nominal Pressure(Mpa)	1.6	2.5	4.0	6.4	10.0	16.0
Shell Test Pressure(Mpa)	2.4	3.75	6.0	9.6	15.0	24
Seal Test Pressure(Mpa)	1.76	2.75	4.4	7.04	11.0	17.6
Max Inlet Pressure(Mpa)	1.6	2.5	4.0	6.4	10.0	16.0
Outlet Pressure Range(Mpa)	Best decompression ratio 0.6					
Leakage			0.5%QMax			
Temperature-Pressure Rating			ANSI B16.34			

Main connection size

(PN1.6–4.0) mm

	L	L1	H	H1	I
50	300	150	520	190	565
65	340	170	540	205	650
80	380	190	555	215	650
100	400	215	580	240	800
125	430	225	620	275	800
150	450	230	650	320	800
200	500	260	790	340	800
250	550	285	850	370	800
300	750	395	940	460	900
350	850	445	990	530	900
400	950	550	1120	660	1000
500	1130	680	1660	800	1000

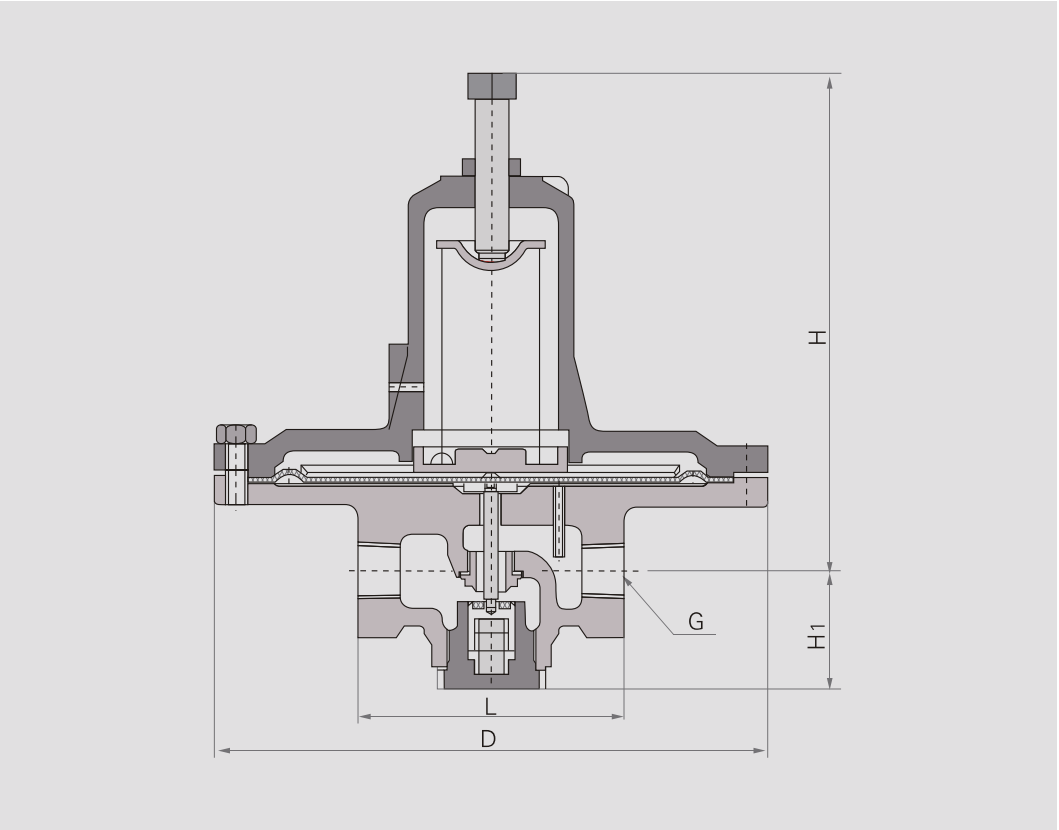
(PN6.4–16.0) mm

	L	L1	H	H1	I
50	300	150	520	200	565
65	340	170	540	215	650
80	380	190	555	225	650
100	400	215	580	250	800
125	430	225	620	285	800
150	450	230	650	330	800
200	500	260	790	355	800
250	550	285	850	390	800
300	750	395	940	480	900
350	850	445	990	550	900
400	950	550	1120	700	1000
500	1130	680	1660	820	1000

Connection Type
Flange:RF FM RJ
Standard:JB79 GB9113

Ordering Information: Model / Metal / nominal Path / semi–connected law standards / rated flow / import pressure / Surge of pressure or export / working medium and medium temperature

High response water pressure reducing value of huge membrane mould of Ya11X



Structural features and uses

This the set pressure reducing value is refered to external same's product development development , and pertains to the direct action style membrane spring pressure reducing value , and that such is stressed the distinguishing feature is wideing the iris work area enormously , hence being contrastd with same's pressure reducing value , that the iris changes (for instance 0.005MPa) to downsteam pressure wholly shall stretch the obvious movement regulateing of iris and valve rush pith , thereby lift the voltage regulation meritorous service capacity enormously .

The produce of this set particularly is applicable to import pressure changing greatly , and exporting the rate of flow changing greatly , the necessaries are exported the steady water service route of pressure .

CV

DN	15(1/2")	20(3/4")	25(1")	32(1-1/4")	40(1-1/2")	50(2")
Cv	1.2	2.2	4	7	12	19

Main parts and materials

Dielectric materials for oxygen

Parts	Materials
Valve valve cover caps	WCB
Seat valve disc	H62
Valve fragment	H62
Valve fragment pedestal	2Cr13
Valve staff	2Cr13
Patch	NBR
Conditioning Spring	60SiMn2

The main technical parameters and performance indicators

Shell test not include diaphragm and cover

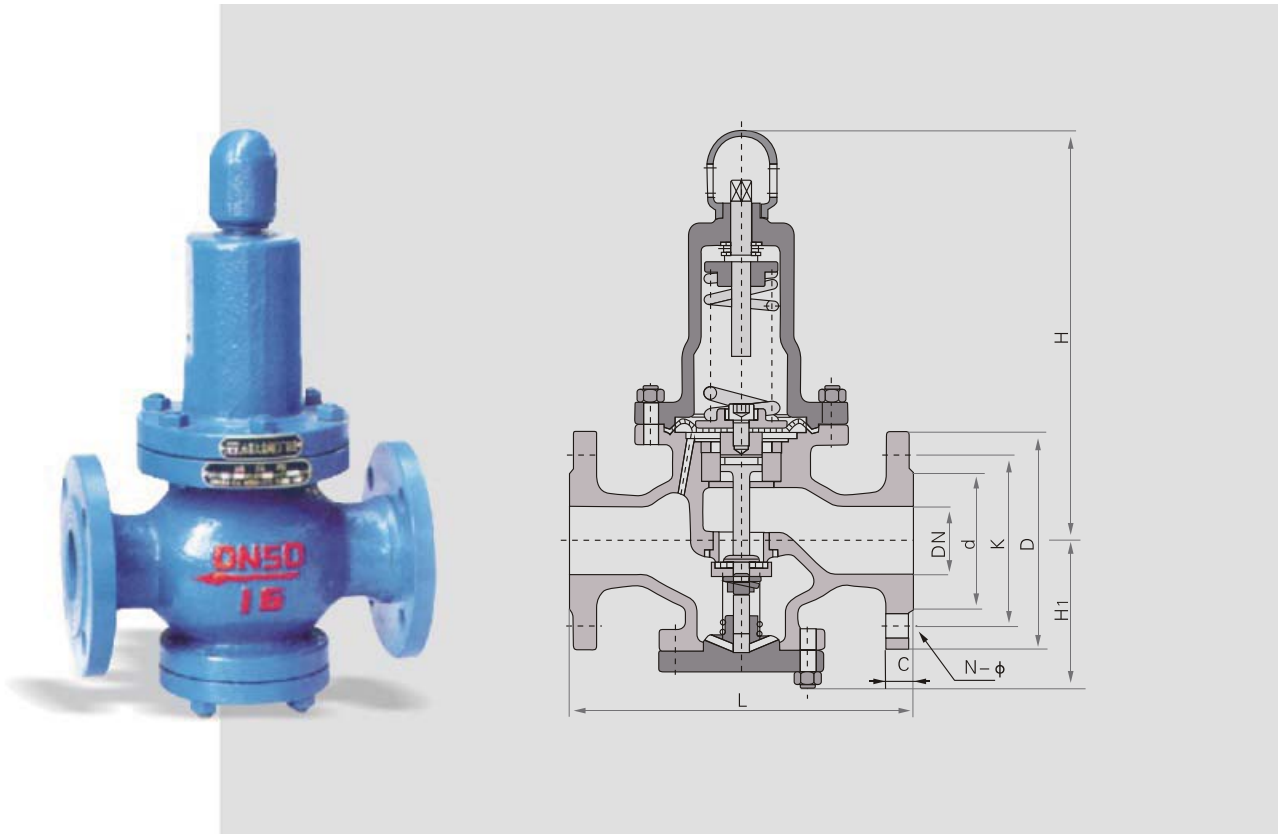
Nominal Pressure(Mpa)	1.0
Shell Test Pressure(Mpa)	1.5
Seal Test Pressure(Mpa)	1.0
Max Inlet Pressure(Mpa)	1.0
Outlet Pressure Range(Mpa)	0.02-0.2
Pressure Deviation	GB12244-1989
Flow Deviation	GB12244-1989
Leakage	0
Temperature	0℃-80℃

Dimensions

DN	G	L	H1	H	D
15(1/2")	Rc1/2"	112	55	290	200
20(3/4")	Rc3/4"	125	60	300	260
25(1")	Rc1"	140	75	340	275
32(1-1/4")	Rc1-1/4"	165	95	380	290
40(1-1/2")	Rc1-1/2"	190	105	420	305
50(2")	Rc2"	200	120	460	320

Connection: Thread

The Y42X's mould direct action brane style pressure reducing value seals the ring



Structural features and uses

This the set pressure reducing value pertains to direct action style membrane spring pressure reducing value and chiefly consists of regulateing spare parts such as spring , iris , piston , valve pedestal and valve fragment and so on . Utilizing the iris directly to pass on senseing the downsteam pressure drive valve fragment , the pilot valve fragment degree of turning on is completeed decompresing voltage regulation meritorous service capacity native produce is living that town structure and high–rise is cooled in the warmhearted water supply system , and the advisable rule partition waterpipe is saved installation . Also may be living generally cools in the warmhearted waterpipe net , voltage regulation action native produce taking to decompress shifts and is getting near and the voltage regulation movement smoothly , Guan Lu to water and non– corrosiveness liquid dielectric is applicable .

CV

DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	500
Cv	2	3.5	4	4.5	14	14.5	15	60	64	120	140	230	350	520	690	950	1400

Main parts and materials

Dielectric materials for oxygen

Parts	Material
Valve valve cover caps	WCB
Seat valve disc	2Cr13
Valve fragment	2Cr13
Valve Staff	2Cr13
Vat case	2Cr13/25
Piston	2Cr13
O's mould ring	NBR
Closely encircle	NBR
Patch	NBR
Conditioning Spring	60SiMn

The main technical parameters and performance indicators

Shell test not include diaphragm and cover

Nominal Pressure(Mpa)	1.0	1.6	2.5
Shell Test Pressure(Mpa)	1.5	2.4	3.75
Seal Test Pressure(Mpa)	1.0	1.6	2.5
Max Inlet Pressure(Mpa)	1.0	1.6	2.5
Outlet Pressure Range(Mpa)	0.2–0.8	0.2–1.0	0.4–1.6
Pressure Deviation		GB12244–1989	
Flow Deviation		GB12244–1989	
Leakage		0	
Temperature		0℃–80℃	

Dimensions

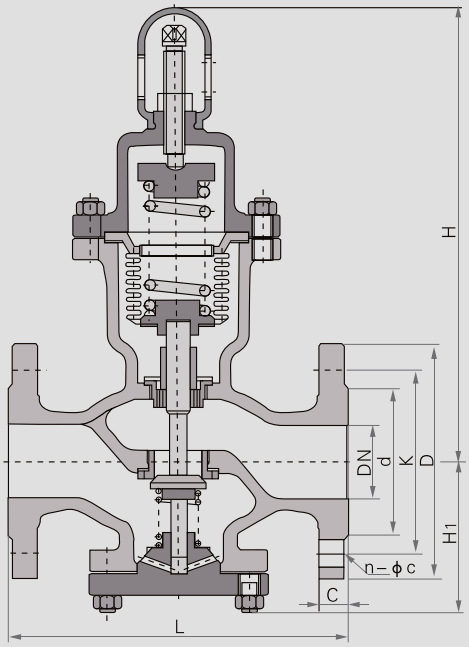
(PN1.0–2.5) mm

DN	Dimensions		
	L	H	H1
15	160	225	90
20	160	265	98
25	180	265	110
32	200	265	110
40	220	320	125
50	250	320	125
65	280	325	130
80	310	385	160
100	350	385	170
125	400	430	200
150	450	430	210
200	500	560	240
250	650	690	290
300	800	800	335
350	850	880	375
400	900	980	405
450	900	1100	455
500	950	1130	465

Connection type:
Flange:RF FF
Standard:JB79 GB9113
ANSI B16.5

Ordering Information: Model / Metal / nominal Path / semi–connected law standards / rated flow / import pressure / Surge of pressure/ working medium and medium temperature

Y44H/Y's mould direct action style corrugated pipe pressure reducing value



Structural features and uses

This the set pressure reducing value pertains to the direct action style corrugated pipe spring pressure reducing value . The use corrugated pipe is passed on senseing the valve downsteam pressure drive valve fragment spare parts such as chiefly consists of the corrugated pipe and regulates spring , valve pedestal and valve fragment and so on , and alteration and the control valve degree of turning on is achieved decompresing the voltage regulation meritorous service capacity . Fix export pressure by means of regulateing the bolt

This produce is shiftted and is getting near and the agile equilibrium of voltage regulation movement , Guan Lu who is applicable to gas and liquid dielectric employs .

CV

DN	15	20	25	32	40	50	65	80	100
Cv	1	2.5	4	6.5	9	16	25	36	64

Main parts and materials

Dielectric materials for oxygen

Parts	Material
Valve valve cover caps	WCB
Lid at base	WCB
Seat valve disc	2Cr13
Bellow pipe	1Cr18Ni9Ti
Pad on the bellow pipe	2Cr13
The coushion of the bellow pipe	2Cr13
Guide seat	2Cr13
Main valve spring	50CrVA
Control Spring	60Si2Mn

The main technical parameters and performance indicators

Shell test not include diaphragm and cover

Nominal pressure	0.6	1.0	1.6
Shell test pressure	0.9	1.5	2.4
Seal test pressure	0.6	1.0	1.6
Max inlet pressure	0.6	1.0	1.6
Outlet pressure range	0.05–0.4	0.1–0.8	0.1–1.0
Pressure deviation		GB12244–1989	
Flow deviation		GB12244–1989	
Min differential pressure	0.1	0.15	0.15
Leakage		GB12245–1989	

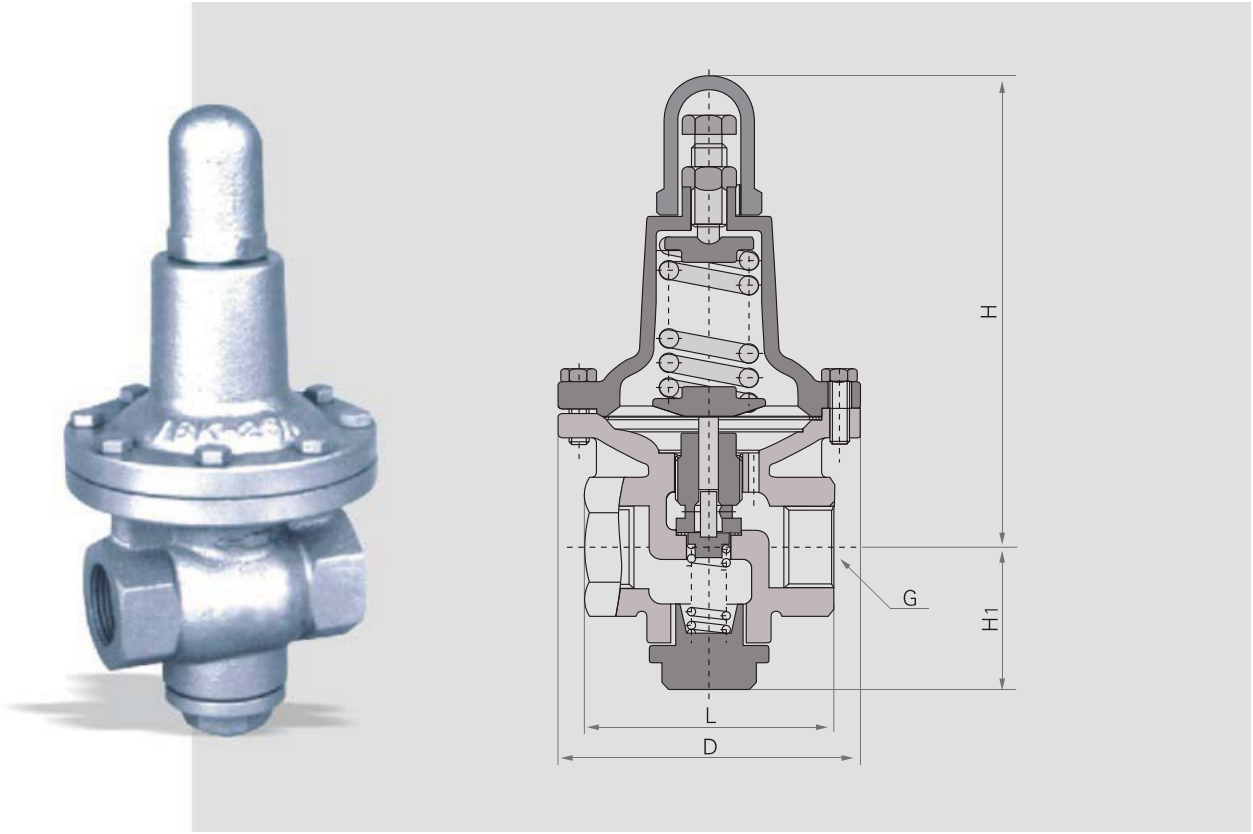
Y44H/Y series dimensions

(PN0.6–1.6) MPa

	L		H	H_1	PN 0.6MPa					PN 1.0MPa					PN 1.6MPa				
	0.6/1.0 MPa	1.6MPa			D	K	n–ϕ	d	C	D	K	n–ϕ	d	C	D	K	n–ϕ	d	C
15	140	140	290	90	80	55	4–12	40	12	95	65	4–14	45	12	95	65	4–14	45	14
20	140	140	295	98	90	65	4–12	50	12	105	75	4–14	55	14	105	75	4–14	55	14
25	160	160	295	110	100	75	4–12	60	14	115	85	4–14	65	14	115	85	4–14	65	14
32	180	180	295	110	120	90	4–14	70	14	135	100	4–18	78	16	135	100	4–18	78	16
40	200	200	325	125	130	100	4–14	80	14	145	110	4–18	85	16	145	110	4–18	85	16
50	230	230	325	125	140	110	4–14	90	14	160	125	4–18	100	16	160	125	4–18	100	16
65	280		325	130	160	130	4–14	110	14	180	145	4–18	120	18	180	145	4–18	120	18
80	310		380	160	185	150	4–18	125	16	195	160	4–18	135	18	195	160	8–18	135	20
100	350		380	170	205	170	4–18	145	16	215	180	8–18	155	20	215	180	8–18	155	20

Connection type:
Flange:RF FF
Standard:JB79 GB9113
ANSI B16.5

YT11H's mould is widend the high response value of membrane mould v



Structural features and uses

This the set pressure reducing value is refered to external same's product development development , and pertains to the direct action style membrane spring pressure reducing value , and that such is stressed the distinguishing feature is wideing the iris work area enormously , hence being contrastd with same's pressure reducing value , the passing on feeling that the iris changes to downsteam pressure is particularly obvious , the little alternation of downsteam pressure (for instance 0.01MPa) wholly shall arouse the obvious movement regulateing of iris and valve rush pith , thereby lift the voltage regulation meritorous service capacity enormously .

The produce of this set particularly is applicable to import pressure changing greatly , and exporting the rate of flow changing greatly , the necessaries are exported steady Guan Lu of pressure .

CV

DN	15(1/2")	20(3/4")	25(1")	32(1-1/4")	40(1-1/2")	50(2")
Cv	0.5	0.9	1.4	2.3	3.6	5.6

Main parts and materials

Dielectric materials for oxygen

Parts	Material
Body & Bonnet	WCB
Seat	2Cr13
Disc	2Cr13
Stem	2Cr13
Diaphragm	1Cr18Ni9Ti
Control spring	60Si2Mn

Main technical parameter

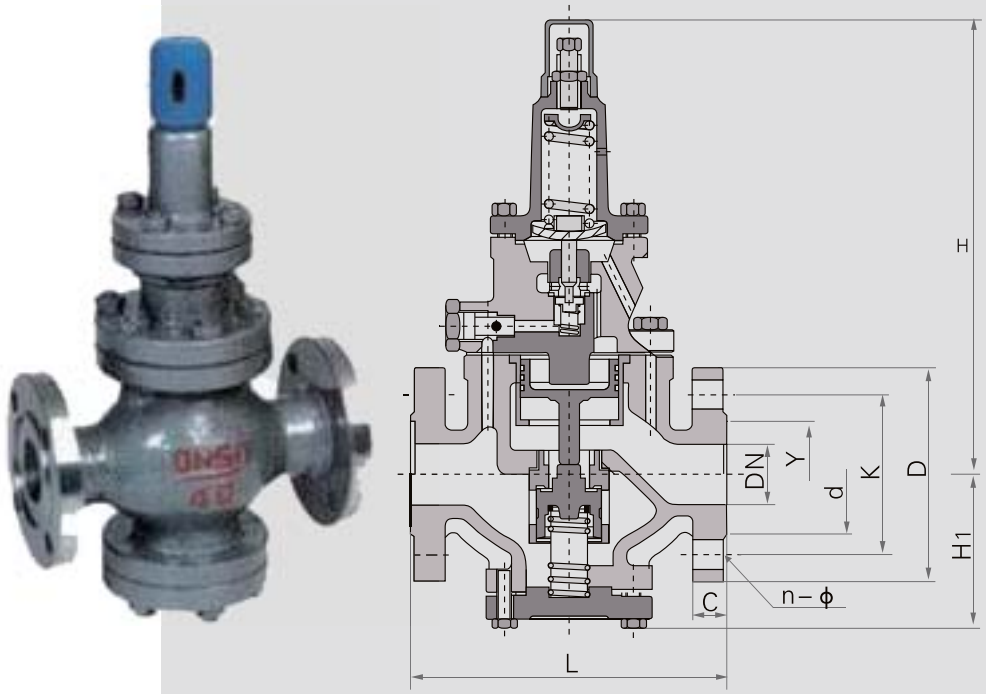
Nominal Pressure(Mpa)	1.6
Shell Test Pressure(Mpa)	2.4
Seal test pressure(Mpa)	1.6
Max Inlet Pressure(Mpa)	1.6
Outlet Pressure Range(Mpa)	0.03-1.0
Pressure Deviation	GB12246-1989
Flow Deviation	GB12246-1989
Leakage	GB12245-1989

Dimensions

DN	G	L	H1	H	D
15(1/2")	Rc1/2"	95	55	170	100
20(3-4")	Rc3-4"	95	55	170	100
25(1")	Rc1"	100	60	190	120
32(1-1/4")	Rc1-1/4"	165	75	220	150
40(1-1/2")	Rc1-1/2"	190	90	250	180
50(2")	Rc2"	200	110	300	220

Connection type:
Thread

The high response huge current of YT43H/Y's mould steam pressure reducing value



Structural features and uses

This the set pressure reducing value is a forerunner style piston pressure reducing value . Consist of the primary valve and guides two sections on the valve that the primary valve chiefly consists of the spare parts such as valve pedestal , valve fragment , piston , vat case and spring and so on . Guides that the valve chiefly consists of the valve pedestal , valve fragment , iris , spring and regulates the spring and so on piece . The produce is living to act as on the ordinary pressure reducing value base to improve very much , widend the piston area , and revised the choke composition , and revised the sealing airtight shape , and widend to pass through runing the area to wait , thereby is living to lift the response and the amount and life and so on the respect improved the performance enormously .

This produce is main in the way of the steam pipe route , and it is great to the rate of flow huge current quantitative changeization to be applicable , and import pressure changes the steam pipe route greatly .

Flow rate

DN	50	65	80	100	125	150	200	250	300	350	400	500
Cv	24	30	50	85	130	190	300	480	680	925	1150	1900

Main parts and materials

Dielectric materials for oxygen

Parts	Materials
Valve valve cover caps	WCB
Seat valve disc	2Cr13
Vat suit piston	AL-IR bronze
Patch	1Cr18Ni9Ti
Guide the valve pedestal	2Cr13
Primary valve spring	50CrVA
Guide by valve master's spring	50CrVA
Control Spring	60Si2Mn

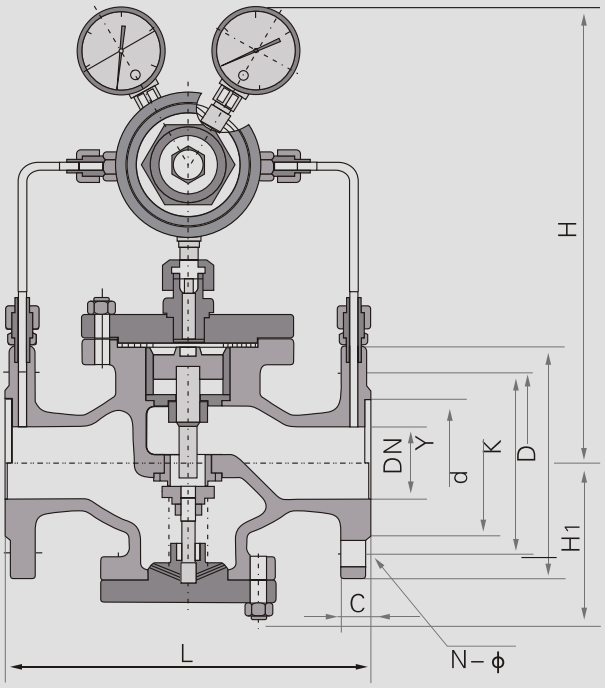
The main technical parameters and performance indicators

Shell test not include diaphragm and cover

Nominal Pressure(Mpa)	1.6	2.5	4.0	6.4	10.0	16.0
Shell Test Pressure(Mpa)	2.4	3.75	6.0	9.6	15.0	24.0
Seal Test Pressure(Mpa)	1.6	2.5	4.0	6.4	10.0	16.0
Max Inlet Pressure(Mpa)	1.6	2.5	4.0	6.4	10.0	16.0
Outlet Pressure Range(Mpa)	0.04–1.0	0.05–1.6	0.08–2.5	0.2–3.5	0.5–3.5	0.5–4.5
Pressure Deviation			GB12246–1989			
Flow Deviation			GB12246–1989			
Min differential pressure	0.07	0.1	0.15	0.3	0.5	0.8
Leakage			GB12245–1989			

Connection type:
Flange:RF FM RJ
Standard:JB79 GB9113
ANSI B16.5

YK43X/F/Y pilot piston–type gas pressure



Structural features and uses

This series of pilot pressure piston–type pressure. Guided by the main valve and valve consists of two parts. The main valve seat mainly by the main valve disc, Detroit, cylinder, Other parts of spring. Guided by the main valve seat and valve valve diaphragm, spring, spring–conditioning parts and components. By regulating the pressure regulator for spring Pressure for export, the export of diaphragm pressure sensor, through derivative valve piston–driven hoist the main valve regulating the flow of expenditure site size, it Regulators are decompression functions.

The products are principally used in steam pipe, from the role of regulator decompression.

Flow rate

DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	500
Cv	1	2.5	4	6.5	9	16	25	36	64	100	140	250	400	570	780	1020	1500

Main parts and materials

Parts	Material
Valve valve cover caps	WCB/FCB
Seat valve disc	2Cr13/304
Cylinder	25/304
Pistons	2Cr13/brass alloy
Piston ring	Alloy cast iron
Introduction stem valve seat	2Cr13/304
Patch	1Cr18Ni9Ti
The main valve spring	50CrVa
Control spring	60Si2Mn
Gaskets(X/F models)	Viton/PTFE
Introduction valve cover	25/304

The main technical parameters and performance indicators

Shell test not include diaphragm and cover

Nominal Pressure(Mpa)	1.6	2.5	4.0	6.4	10.0	16.0
Shell Test Pressure(Mpa)	2.4	3.75	6.0	9.6	15.0	24
Seal Test Pressure(Mpa)	1.6	2.5	4.0	6.4	10.0	16.0
Max Inlet Pressure(Mpa)	1.6	2.5	4.0	6.4	10.0	16.0
Outlet Pressure Range(Mpa)	0.1–1.0	0.1–1.6	0.1–2.5	0.5–3.5	0.5–3.5	0.5–4.5
Pressure Deviation			GB12246–1989			
Flow Deviation			GB12246–1989			
Leakage	0.15	0.15	0.2	0.4	0.8	1.0
Temperature						

Dimensions

(PN1.6–4.0) mm

	L		H	H1
	1.6/2.5MPa	4.0MPa		
15	160	180	290	90
20	160	180	300	98
25	180	200	300	110
32	200	220	300	110
40	220	240	320	125
50	250	270	320	125
65	280	300	325	130
80	310	330	365	160
100	350	380	365	170
125	400	450	475	200
150	450	500	475	210
200	500	550	515	240
250	650		560	290
300	800		705	335
350	850		745	375
400	900		780	405
450	900		730	455
500	950		835	465

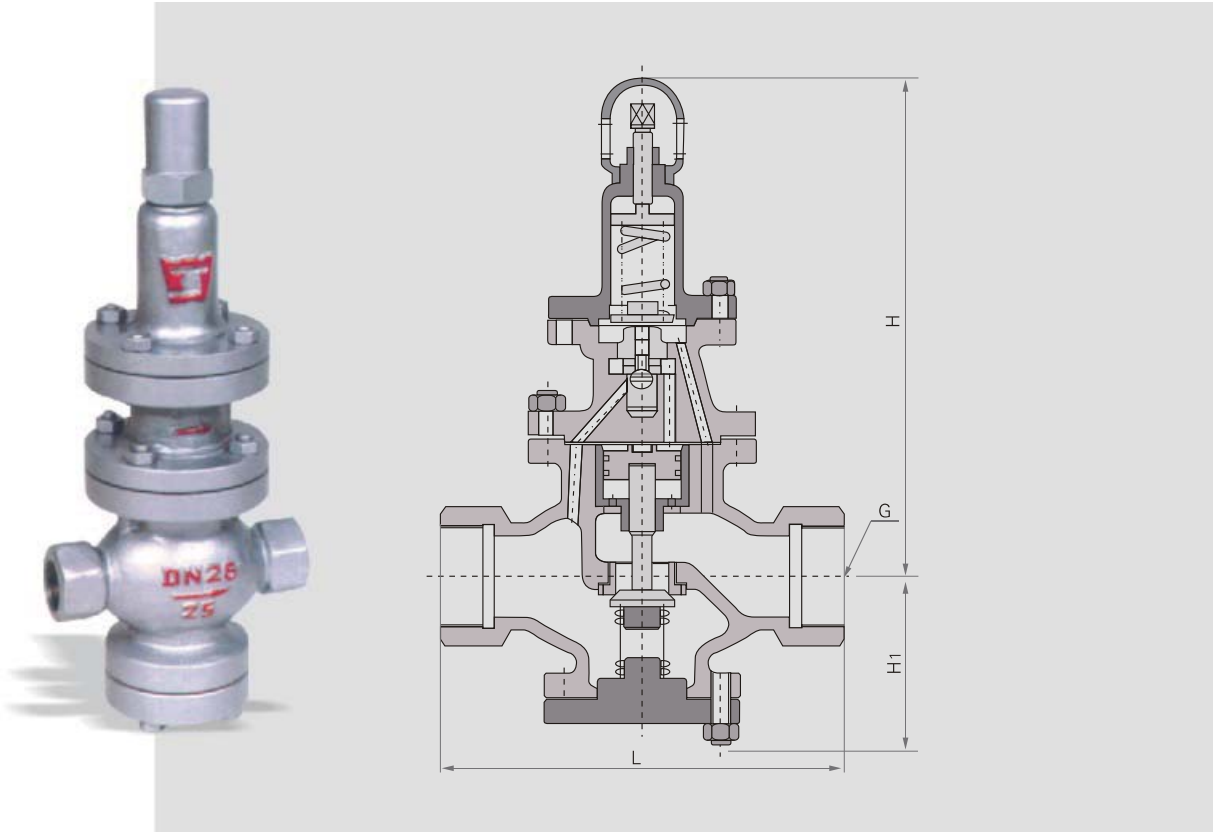
(PN6.4–16.0) mm

	L		H	H1
	6.4MPa	10.0/16.0MPa		
15	180	180	300	100
20	180	200	310	105
25	200	220	31	120
32	220	230	310	120
40	240	240	335	135
50	270	300	335	135
65	300	340	340	140
80	330	360	380	170
100	380		380	185
125	450		490	215
150	500		490	225
200	550		535	260
250	650		580	310
300	800		725	355
350	850		765	395
400	900		800	435
500	950		855	495

Connection type:
Flange:RF FF
Standard:JB79 GB9113
ANSI B16.5

Ordering Information: Model / Metal / nominal Path / semi–connected law standards / rated flow / import pressure / Surge of pressure or export / working medium and medium temperature

Y13H's mould female screw joins the forerunner's steam pressure reducing value



Structural features and uses

This the set pressure reducing value pertains to the forerunner's piston style pressure reducing value . Consist of that the primary valve is with guides two sections on the valve . The primary valve chiefly consists of the spare parts such as valve pedestal , primary valve plate , piston , vat case and spring and so on . Guideing the valve chiefly consists of the spare parts such as valve pedestal , valve fragment , iris , spring and regulates the spring and so on . By means of regulates spring pressure fixing export pressure , use iris passing on feeling exports pressure changing , and by means of guides the size runing the area is passed through in valve the opening and close primary valve choke place of drive piston regulateing , and achieves decompresing the voltage regulation action .

This produce is chiefly used the steam pipe route , and takes the voltage regulation action decompressd .

Flow rate

DN	15	20	25	32	40	50
Cv	1	2.5	4	6.5	9	16

Main parts and materials

Dielectric materials for oxygen

Parts	Material
Valve valve cover caps	WCB
Seat valve disc	2Cr13
Vat case	2Cr13/25
Lives suit	2Cr13/Alloy
Packing ring	Alloy cast iron
Guide the valve pedestal	2Cr13
Patch	1Cr18Ni9TI
Primary valve spring	50CrVA
Guide by valve master's spring	50CrVA
Control spring	60Si2Mn

The main technical parameters and performance indicators

Shell test not include diaphragm and cover

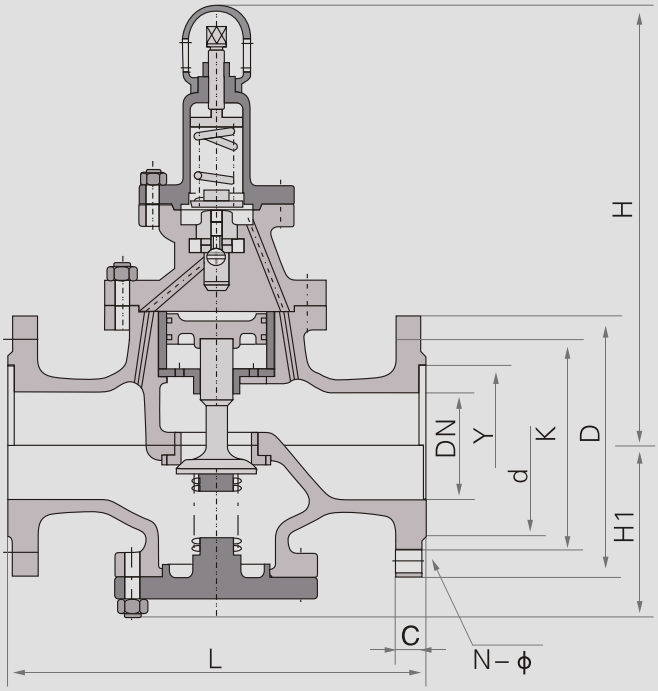
Nominal Pressure(Mpa)	1.6	2.5
Shell Test Pressure(Mpa)	2.4	3.75
Seal Test Pressure(Mpa)	1.6	2.5
Max Inlet Pressure(Mpa)	1.6	2.5
Outlet Pressure Range(Mpa)	0.1–1.0	0.1–1.6
Pressure Deviation	GB12246–1989	
Flow Deviation	GB12246–1989	
Min differential pressure	0.15	0.15
Leakage	GB12245–1989	

Dimensions

DN	G	L	H	H1
15	1/2"	140	295	90
20	3–4"	140	330	98
25	1"	160	330	110
32	1–1/4"	180	330	110
40	1–1/2"	200	345	125
50	2"	230	345	125

Connection type:
Thread

Y43H/Y Pilot pressure piston–type steam



Structural features and uses

This series of pilot pressure piston–type pressure. Guided by the main valve and valve consists of two parts. The main valve seat mainly by the main valve disc, Detroit, cylinder, Other parts of spring. Guided by the main valve seat and valve valve diaphragm, spring, spring–conditioning parts and components. By regulating the pressure regulator for spring Pressure for export, the export of diaphragm pressure sensor, through derivative valve piston–driven hoist the main valve regulating the flow of expenditure site size, it Regulators are decompression functions.

The products are principally used in steam pipe, from the role of regulator decompression.

Flow rate

DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	500
Cv	1	2.5	4	6.5	9	16	25	36	64	100	140	250	400	570	780	1020	1500

Main parts and materials

Dielectric materials for oxygen

Parts	Material
Valve valve cover caps	WCB
Seat valve disc	2Cr13
Vat case	2Cr13/25
Lives suit	2Cr13/Brass alloy
Packing ring	Cast iron alloy
Guide the valve pedestal	2Cr13
Patch	1Cr18Ni9Ti
Primary valve spring	50CrVA
Guide by valve master's spring	50CrVA
Control spring	60Si2Mn

The main technical parameters and performance indicators

Shell test not include diaphragm and cover

Nominal Pressure(Mpa)	1.6	2.5	4.0	6.4	10.0	16.0
Shell Test Pressure(Mpa)	2.4	3.75	6.0	9.6	15.0	24
Seal Test Pressure(Mpa)	1.6	2.5	4.0	6.4	10.0	16.0
Max Inlet Pressure(Mpa)	1.6	2.5	4.0	6.4	10.0	16.0
Outlet Pressure Range(Mpa)	0.1–1.0	0.1–1.6	0.1–2.5	0.5–3.5	0.5–3.5	0.5–4.5
Pressure Deviation			GB12246–1989			
Flow Deviation			GB12246–1989			
Min differential pressure	0.15	0.15	0.2	0.4	0.8	1.0
Leakage			GB12245–1989			

Dimensions

(PN1.6–4.0) mm

	L		H	H1
	1.6/2.5MPa	4.0MPa		
15	160	180	295	90
20	160	180	330	98
25	180	200	330	110
32	200	220	330	110
40	220	240	345	125
50	250	270	345	125
65	280	300	350	130
80	310	330	385	160
100	350	380	385	170
125	400	450	400	200
150	450	500	415	210
200	500	550	475	240
250	650		525	290
300	800		580	335
350	850		620	375
400	900		660	405
450	900		730	455
500	950		750	465

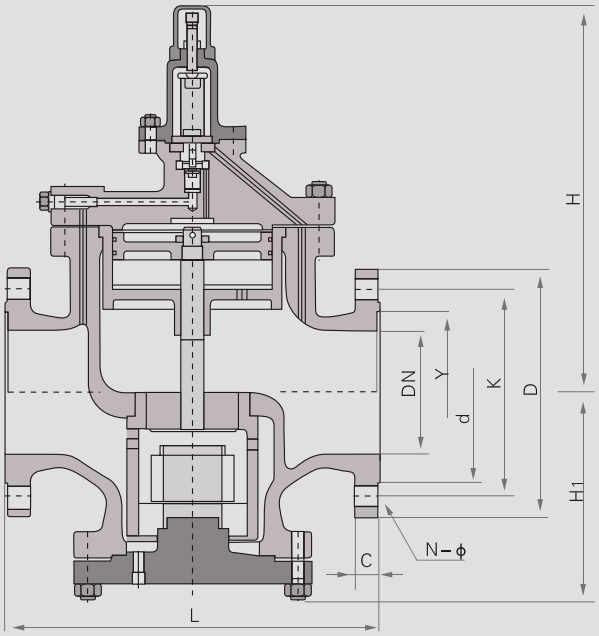
(PN6.4–16.0) mm

	L		H	H1
	6.4MPa	10.0/16.0MPa		
15	180	180	305	100
20	180	200	340	105
25	200	220	340	120
32	220	230	340	120
40	240	240	355	135
50	270	300	355	135
65	300	340	360	140
80	330	360	395	17
100	380		400	185
125	450		415	215
150	500		430	225
200	550		495	260
250	650		545	310
300	800		600	355
350	850		640	395
400	900		690	435
500	950		780	495

Connection type:
Flange:RF FM RJ
Standard:JB79 GB9113
ANSI B16.5

Ordering Information: Model / Metal / nominal Path / semi–connected law standards / rated flow / import pressure / Surge of pressure or export / working medium and medium temperature

The high response huge current of YGa43H/Y's mould measured pressure reducing value



Structural features and uses

This the set pressure reducing value pertains to the forerunner's piston style pressure reducing value . Consist of that the primary valve is with guides two sections on the valve . The primary valve chiefly consists of the spare parts such as valve pedestal , valve fragment , piston , vat case and spring and so on . Guides that the valve chiefly consists of the valve pedestal ,spring andregulates the spring and so on piece . This produce is living to do the very great modification on the ordinary pressure reducing value base to lift the response and the rate of flow and life and so on therespect was improved is enormously chiefly used the steam pipe route , it is great to the rate offlow huge current quantitative changeization to be applicable , and import pressure changes the steam pipe route greatly .

Flow rate

DN	50	65	80	100	125	150	200	250	300	350	400	500
Cv	24	30	50	85	130	190	300	480	680	925	1150	1900

Main parts and materials

Dielectric materials for oxygen

Parts	Material
Valve valve cover caps	WCB
Seat valve disc	2Cr13
Cyclinder	AL-IR bronze alloy
Patch	1Cr18Ni9
Pistion ring	Alloy cast iron
Introduction stem valve seat	2Cr13
The main valve spring	50CrVA
Guide by valve master's spring	50CrVA
Control spring	60Si2Mn

The main technical parameters and performance indicators

Shell test not include diaphragm and cover

Nominal Pressure(Mpa)	1.6	2.5	4.0	6.4	10.0	16.0
Shell Test Pressure(Mpa)	2.4	3.75	6.0	9.6	15.0	24
Seal Test Pressure(Mpa)	1.6	2.5	4.0	6.4	10.0	16.0
Max Inlet Pressure(Mpa)	1.6	2.5	4.0	6.4	10.0	16.0
Outlet Pressure Range(Mpa)	0.04–1.0	0.05–1.6	0.08–2.5	0.2–3.5	0.5–3.5	0.5–4.5
Pressure Deviation			GB12246–1989			
Flow Deviation			GB12246–1989			
Min differential pressure	0.07	0.1	0.15	0.3	0.5	0.8
Leakage			GB12245–1989			

Dimensions

(PN1.6–4.0) mm

DN	Dimensions			
	L		H	H1
	1.6/2.5MPa	4.0MPa		
15	160	180	265	85
20	160	180	265	85
25	180	200	280	95
32	200	220	280	95
40	220	240	290	105
50	250	270	300	130
65	280	300	315	145
80	310	330	330	170
100	350	380	405	200
125	400	450	450	225
150	450	500	485	265
200	500	550	570	290
250	650		640	325
300	800		740	360
350	850		810	395
400	900		950	430
500	950		1080	500

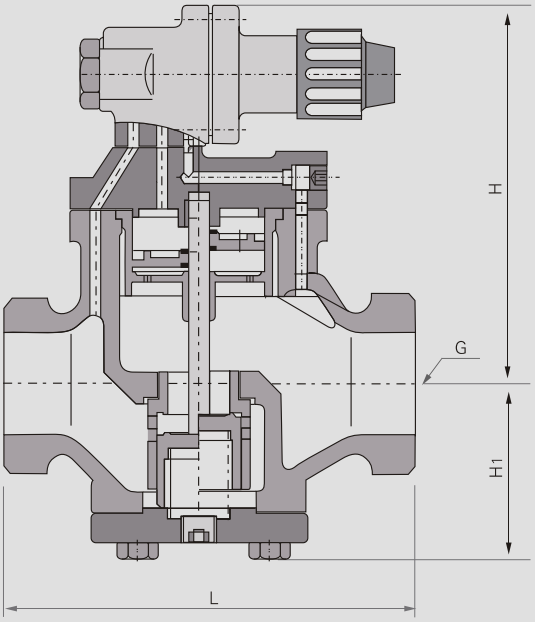
(PN6.4–16.0) mm

DN	Dimensions			
	L		H	H1
	6.4MPa	10.0/16.0MPa		
15	180	180	280	100
20	180	200	280	100
25	200	220	300	115
32	220	230	300	115
40	240	240	315	130
50	270	300	340	135
65	300	340	355	150
80	330	360	370	175
100	380		450	205
125	450		510	235
150	500		555	275
200	550		640	300
250	650		720	335
300	800		830	375
350	850		880	410
400	900		1020	445
500	950		1080	515

Connection Type:
Flange:RF FM RJ
Standard:JB79 GB9113
ANSI B16.5

Ordering Information: Model / Metal / nominal Path / semi–connected law standards / rated flow / import pressure / Surge of pressure or export / working medium and medium temperature

YG13H/Y connects the high sensitivity steam pressure reliefvalve



Structural features and uses

This the set pressure reducing value pertains to the forerunner's piston style pressure reducing value . Consist of that the primary valve is with guides two sections on the valve . Guideing the valve chiefly consists of the spare parts such as valve pedestal , valve fragment , iris , spring and regulates the spring and so on . use iris passingon feeling exports pressure changing , and by means of guides the size runing the area , factor are passed through to valve the opening and close primary valve choke place of drive piston regulateing.

The products are principally used in steam pipe, from the role of regulator decompression.

Flow rate

DN	15	20	25	32	40	50
Cv	1	2.5	4	6.5	9	16

Main parts and materials

Dielectric materials for oxygen

Parts	Material
Valve valve cover caps	WCB
Seat valve disc	2Cr13
Cyclinder piston	AL-IR bronze alloy
Patch	PH15-7MO
Piston ring	PPH
Introduction stem valve seat	2Cr13
Main valve spring	50CrVA
Guide main spring	50CrVA
Control Spring	60Si2MN

The main technical parameters and performance indicators

Shell test not include diaphragm and cover

Nominal Pressure(Mpa)	1.0	1.6
Shell Test Pressure(Mpa)	1.5	2.4
Seal Test Pressure(Mpa)	1.0	1.6
Max Inlet Pressure(Mpa)	1.0	1.6
Outlet Pressure Range(Mpa)	0.04–0.6	0.04–1.0
Pressure Deviation	GB12246–1989	
Flow Deviation	GB12246–1989	
Min differential pressure	0.05	0.07
Leakage	GB12245–1989	

Dimension

DN	G	L	H	H_1
15	1/2"	140	160	65
20	3–4"	140	160	65
25	1"	160	168	68
32	1–1/4"	180	185	75
40	1–1/2"	200	185	78
50	2"	230	193	88

Connection type:
Thread

g part of the body is tested not consising of that top on iris and peak .