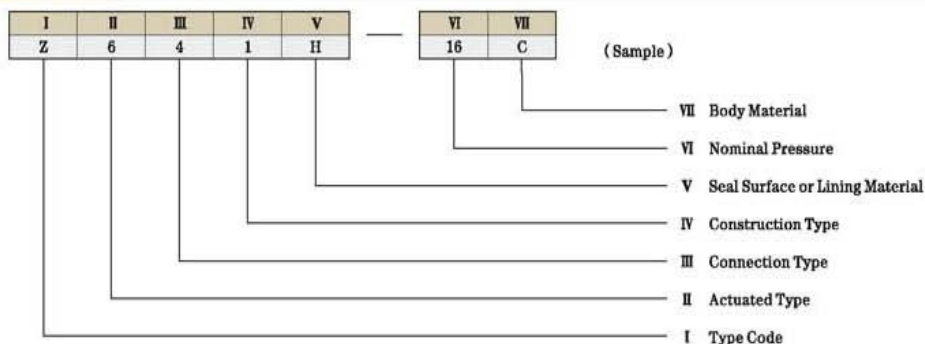


# Deseen International

## Cast steel valve and Stainless valve



### How to order



Code	0	1	2	3	4	5	6	7	8	9	
II -Actuated Type	Electro magnetic	Electro-hydraulic	Electrical-hydraulic	Gear	Spur gear	Angle gear	Pneumatic	Hydraulic	Pneumatic-hydraulic	Electrical	
III -Connection	-	Inside screw	Outside screw	-	Flange	-	Welding	Wafer	Union ring	Compression joint	
I -Type Code	IV -Construction Type										
Gate Valve	Z	Rising stem				Non-rising stem				-	
		Wedge type		Parallel type		Wedge type		Parallel type			
		Flexible	Rigid disc				Rigid disc				
			Single	Double	Single	Double	Single	Double	Single		Double
							Balance type				
Globe Valve	J	-	Through way	Z-Type	Tee	Angled	Straight flow	Through way	Right-angled	-	
Throttle Valve	L										
Piston Valves	U										
Ball Valve	Q	Half-ball through way	Floating type				Trunnion-mounted				
			Through way	Y-Pattern Tee	Tee		Four-way	through way	Tee		
Butterfly Valve	D	Non-seal tri-eccentric	Seal type				Non-seal type				
Diaphragm Valve	G	-	Center line-type	Single-eccentric	Bi-eccentric	Link mechanism	Tri-eccentric	Center line-type	Bi-eccentric	Link mechanism	
Plug Valve	X	-	-	-	Globe type	-	Y-pattern	Through way type	-	Y-pattern angle type	
Check Valve	H	-	Lift type		Swing type		Through way type		Tee T-type		
			Th. way	Vertical type	Angle type	Single-plate	Double disc	Multi-disc	Rotary type butterfly	Globe check	-
Safety Valve	A	Spring seal type			Spring unseal	Spring seal	Spring unseal				
		Full lift with cooling fin	Low lift	Full lift	Spanner type		Lever	Full lift with control	Spanner type		
					Twin-low	Full lift			Low lift	Full lift	
Reducing Valve	Y	-	Diaphragm	Spring diaphragm	Piston	Bellows	Lever	-	-	-	
Trap Valve	S	-	Ball float	-	Open bucket	Expansion	Inverted bucket type	Membrane-box	Bimetal elements	Pulse	
Waste Valve	P	-	Continuous Discharge		-	-	Discontinuous discharge				
			Through way type	Angle type			Straight flow type	Through way type	Angle type	Float gate disc type	
VI -Nominal Pressure		The data of nominal diameter is express as ten times MPa valve;It will mark working pressure when medium temperature over 42℃ And be used in power station.									

V -seat seal surface or lining material	Code	V -seat seal surface or lining material	Code
Babbitt metal	B	Nylon plastic	N
Enamel	C	Boronizing steel	P
Nitrided steel	D	Lead Lining	Q
Fluoroplastics	F	MoTi series SS	R
Ceramic metal	G	Plastic	S
Cr13 series SS	H	Copper alloy	T
Rubber lined	J	Rubber	X
Monel metal	M	Stellite	Y

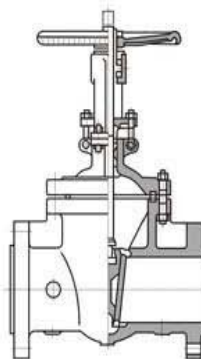
VI -Body material	Code	VI -Body material	Code
Titanium&titanium alloy	TI	Spheroidal cast iron	Q
Carbon steel	C	MoTi series SS	R
Cr13 series SS	H	Plastic	S
Cr-Mo steel	I	Copper&Copper Alloy	T
Malleable Iron	K	Cr-Mo-V steel	V
Aluminum alloy	L	Gray cast iron	Z
18-8 series SS	P		

Remark: 1. Code W is express material of seat surface that direct machining from body.  
2. Except diaphragm valve, it mark with low hardness material code when seal surface material is different.

Remark: 1. Omit the code if body material is gray cast iron body when PN≤1.6MPa and is carbon steel body when PN≥2.5MPa.  
2. CF3, CF8, CF3M, CF8M etc material code can direct mark on body.

# Deseen International

## Cast steel valve and Stainless valve



### 产品执行标准 Production enforce standard

设计与制造 Desing And Manufacture	结构长度 Face to face/ End to end	法兰尺寸 Flange Dimension	对焊连接尺寸 Butt welding dimension	压力 ~ 温度 Pressure Temperature Lating	试验 ~ 检验 Inspection and test
API 6D、600	ANSI B16.10	ANSI B16.5	ANSI B16.25	ANSI B16.34	API 598、API 6D

### 产品性能规范 Chief property and specification

公称压力(Lb) Nominal Pressore	强度试验 Shell test		水密封试验 Water seal test		气密封试验 Air seal test	
	MPa	Lbf/in <sup>2</sup>	MPa	Lbf/in <sup>2</sup>	MPa	Lbf/in <sup>2</sup>
150	3.1	450	2.2	315	0.5 ~ 0.7	60 ~ 100
300	7.8	1125	5.6	815		
600	15.3	2225	11.2	1630		
900	23.1	3350	16.8	2440		
1500	38.4	5575	28.1	4080		
2500	64.6	9367	47.4	6873		

### 主要零件材料及性能 Main part materials and property

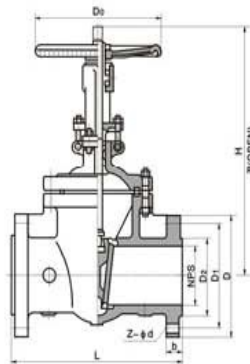
体、盖、瓣 Body Cover disc	阀杆 Stem	密封面 Sealing Face	垫片(环) Sealing shim	填料 Packing	工作温度(℃) Working temperature	适用介质 Suitable medium	
WCB	2Cr13	13Cr STL 本体材料 With bodymater rial	增强柔性石墨 13Cr/柔性石墨 Enhanced Flexible 1Cr13/Flexible graphite	柔性石墨 增强柔性石墨 Flesible graphite enhanced flexible	≤425	水、蒸汽、油品。 Water Steam Petroleum Products	
WC1	38CrMoAl 25Cr2Mov		08软钢 F304 F316 F304L F316L	SFB/260 SFP/260 PTFE	≤450		
WC6					≤540		
WC9					≤570		
C5 C12					≤540		
CF8	F304	PTFE	硝酸、醋酸、尿素 Nitric acid Aceic acid				
CF3	F316	尼龙 Nylon					
CF8M	F304L						
CF3M	F316L						

# Deseen International

## Cast steel valve and Stainless valve



Class-150Lb~600Lb



**主要外形和连接尺寸 Main external and connection dimension** 单位Unit: mm

磅级 Class	规格 in	通径 DN	单位 Unit	L	H(全开) OPEN	D	D <sub>1</sub>	D <sub>2</sub>	b	Z-φd	D <sub>0</sub>
150 Lb	2	50	in	7.00	16.10	6.00	4.75	3.62	0.75	4-0.75	8.00
			mm	178	409	152	120.5	92	19.1	4-19	200
	3	80	in	8.00	20.00	7.50	6.00	5.00	0.94	4-0.75	1.00
			mm	203	570	90	152.5	127	23.9	4-19	250
	4	100	in	9.00	23.20	9.00	7.50	6.19	0.94	8-0.75	10.00
			mm	229	590	229	195.5	157	23.9	8-19	250
	6	150	in	10.50	24.80	11.00	950	8.50	1.00	8-0.88	12.00
			mm	267	630	279	241.5	216	25.4	8-22	300
	8	200	in	11.50	37.80	13.50	11.75	10.62	1212	8-0.88	3.88
			mm	292	960	343	298.5	270	28.5	8-22	350
	10	250	in	13.00	45.60	16.00	14.25	12.75	119	12-1.00	15.70
			mm	330	1158	406	362	324	30.2	12-25	400
	12	300	in	14.00	54.30	19.00	17.00	15.00	1.25	12-1.00	17.70
			mm	356	1378	483	432	381	31.8	12-25	450
	14	350	in	15.00	60.75	21.00	18.75	16.25	1.38	12-1.12	19.70
			mm	381	1543	533	476.5	413	35	12-29	500
	16	400	in	16.00	68.40	23.50	21.25	18.50	1.44	16-1.12	23.60
			mm	406	1738	597	539.5	470	36.6	16-29	600
	18	450	in	17.00	74.10	25.00	22.75	21.00	1.56	16-1.25	23.60
			mm	432	1959	635	578	533	39.7	16-23	600
	20	500	in	18.00	87.20	27.50	25.00	23.00	1.69	20-1.25	26.80
			mm	457	2214	698	635	584	42.9	20-32	680
	24	600	in	20.00	102.3	32.00	29.50	27.25	1.88	20-1.38	29.90
			mm	508	2599	813	749.5	692	47.7	20-38	760
	30	750	in	24.00	125.3	38.75	36.00	33.75	2.94	28-1.38	36.00
			mm	610	3183	985	914	857	74.5	28-35	915
	36	900	in	28.00	147.00	46.00	42.75	40.25	3.56	32-1.62	36.00
			mm	711	3737	1170	1086	1022	90.5	32-41	915

# Deseen International

## Cast steel valve and Stainless valve



Class-150Lb-600Lb

主要外形和连接尺寸 Main external and connection dimension

单位Unit: mm

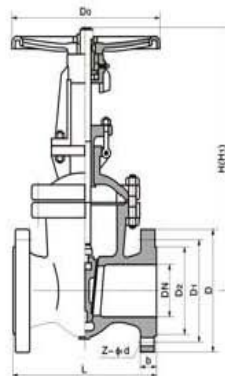
磅级 Class	规格 in	通径 DN	单位 Unit	L	H(全开) OPEN	D	D <sub>1</sub>	D <sub>2</sub>	b	Z-φd	D <sub>0</sub>
300Lb	2	50	in	8.50	16.70	6.5	5.00	3.62	0.88	8-0.75	8.0
			mm	216	424	165	127	92	22.3	8-19	200
	3	80	in	11.15	21.00	8.25	6.62	5.00	1.12	8-0.88	10
			mm	283	535	210	168	127	28.5	8-22	250
	4	100	in	12.00	24.20	10.0	7.88	6.19	1.25	8-0.88	10
			mm	305	615	254	200	157	31.8	8-22	250
	6	150	in	15.87	31.30	12.50	10.62	8.50	1.44	8-0.88	14
			mm	403	795	318	270	216	36.6	12-22	350
	8	200	in	16.50	39.90	15.0	13.0	10.62	1.62	12-1.0	15.7
			mm	419	1012	381	330	270	41.3	12-25	400
	10	250	in	18.00	48.50	17.50	15.25	12.75	1.88	16-1.12	17.7
			mm	457	1231	444	387.5	324	47.7	16-29	450
	12	300	in	19.75	57.0	20.50	17.75	15.00	2.00	16-1.25	19.7
			mm	502	1450	521	451	381	50.8	16-32	500
	14	350	in	30.00	64.8	23.00	20.25	16.25	2.12	20-1.25	23.6
			mm	762	1645	584	514.5	413	54.0	20-32	600
	16	400	in	33.00	72.50	25.50	20.25	18.50	2.25	20-1.38	23.6
			mm	838	1814	648	571.5	470	57.2	20-35	600
	18	450	in	36.00	76.50	28.00	24.75	21.00	2.38	24-1.38	26.8
			mm	914	1943	711	628.5	533	60.4	24-35	680
	20	500	in	39.00	84.80	30.50	27.0	23.00	2.50	24-1.38	38
			mm	991	2154	775	686	584	63.5	24-35	760
	24	600	in	45.00	100.50	36.0	32.0	27.25	2.75	24-1.62	36
			mm	1143	2553	914	813	692	69.9	24-41	915

磅级 Class	规格 in	通径 DN	单位 Unit	L	H(全开) OPEN	D	D <sub>1</sub>	D <sub>2</sub>	b	Z-φd	D <sub>0</sub>
600Lb	2	50	in	11.50	18	6.5	5.00	3.62	1.0	8-0.75	10
			mm	292	458	165	127	92	25.4	8-19	250
	3	80	in	14.00	22.50	8.25	6.62	5.00	1.25	8-0.88	10
			mm	356	570	210	168	127	31.8	8-22	250
	4	100	in	17.00	27.2	10.75	8.50	6.19	1.5	8-1.0	14
			mm	432	390	273	216	157	38.1	8-25	350
	6	150	in	22	35.8	14	11.50	8.50	1.88	12-1.12	18
			mm	559	910	356	292	216	47.7	12-29	450
	8	200	in	26.00	41.9	16.5	13.75	10.62	2.19	12-1.25	19.7
			mm	600	1064	419	349	270	55.6	12-32	500
	10	250	in	31.00	49.5	20	17.00	12.75	2.5	16-1.38	23.6
			mm	787	1257	508	432	324	63.5	16-35	600
	12	300	in	33	57.8	22	19.25	15.00	2.62	20-1.38	26.8
			mm	838	1468	559	489	381	66.7	20-35	680
	14	350	in	35	63.9	23.75	20.75	16.25	2.75	20-1.50	26.9
			mm	889	1623	603	527	413	69.9	20-38	760
	16	400	in	39	71.5	27	23.75	18.50	3.0	20-1.62	26.9
			mm	991	1816	686	603	470	76.2	20-41	760
	18	450	in	43	82.7	29.25	25.75	21.00	3.25	20-10.75	36
			mm	1092	2100	743	654	533	82.6	20-45	915
	20	500	in	47	88.6	32	28.5	23.00	3.5	24-1.75	37.4
			mm	1194	2250	813	724	584	88.9	24-45	950
	24	600	in	55	107.5	37	33.0	27.25	4.0	24-2.0	39.4
			mm	1397	2730	940	838	692	102	24-51	1000



# Deseen International

## Cast steel valve and Stainless valve



### 产品执行标准 Production enforce standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to face	连接法兰 Flange end	试验与检验 Test & check	压力-温度 Pressure-temp.	产品标识 Marking
	GB/T 12234	GB/T 12221	JB/T 79	GB/T 13927	GB/T 12229	GB/T 12220

### 产品性能规范 Chief property and specification

#### 1、试验压力 Test pressure

公称压力PN(MPa) Nominal pressure	壳体 Shell	试验压力(MPa) Test pressure		上密封 Back seat
		密封(液) Seal	密封(气) Seal	
1.6	2.4	1.8	0.6	1.8
2.5	3.8	2.8	0.6	2.8
4.0	6.0	4.4	0.6	4.4
6.4	9.6	7.0	0.6	7.0
10.0	15.0	11.0	0.6	11.0
16.0	24.0	18.0	0.6	18.0

#### 2、适用介质及适用温度 Applicable medium & Applicable temperature

壳体材料 Shell material	适用介质 Applicable medium	适用温度℃ Applicable temperature
碳素钢(C型) Carburizing steel (C type)	水、蒸汽、油品 Water, steam, oil goods	≤425
铬镍钛钢(P型) Cr, Ni, steel (P type)	硝酸类 Nitric acid	≤200
铬镍钼钛钢(R型) Cr, Ni, Mo, Ti steel (R type)	醋酸类 Acetic acid	≤200
铬钼钢(I型) Cr, Mo steel (I type)	水、蒸汽、油品 Water, steam, oil goods	≤550

### 主要零件材料 Material for main parts

阀体、阀盖 Body bonnet	闸板、阀座 Wedge disc, seat ring	阀杆 Stem	阀杆螺母 Yoke nut	填料 Packing	手轮 Hand wheel
碳素钢 Carburizing steel	优质碳钢+硬质合金或不锈钢 High-grade carbon steel+carbide alloy or stainless steel	铬不锈钢 Cr, stainless steel	铝青铜 Al bronze	石墨石棉盘根 Graphite, asbestos coils	可锻铸铁 Foraeable cast-iron
铬镍钛钢 Cr, Ni, steel	不锈钢、不锈钢+硬质合金 Stainless steel or+carbide alloy	铬镍钛不锈钢 Cr, Ni, Ti stainless steel	铝青铜 Al bronze	浸渍四氟乙烯 Dipping polytetrafluoroethylene	可锻铸铁 Foraeable cast-iron
铬镍钼钛钢 Cr, Ni, Mo, Ti steel	不锈钢、不锈钢+硬质合金 Stainless steel or+carbide alloy	铬镍钼钛不锈钢 Cr, Ni, Ti stainless steel	铝青铜 Al bronze	石棉盘根 Asbestos coil	可锻铸铁 Foraeable cast-iron
铬钼钢 Cr, Mo steel	合金钢+硬质合金 Alloy steel+carbide alloy	铬钼钼钢 Cr, Mo, Al steel	铝青铜 Al bronze	柔性石墨 Flexible graphite	可锻铸铁 Foraeable cast-iron

# Deseen International

## Cast steel valve and Stainless valve



Z40/Z41/KZ41-PN16-160

**主要外形和连接尺寸 Main external and connection dimension**

单位Unit: mm

公称通径 DN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions										WT (Kg)
	L	D	D <sub>1</sub>	D <sub>2</sub>	b	f	Z-d	H	H <sub>1</sub>	D <sub>0</sub>	
Z40H Z41Y -10      Z40 Z41 Y-16P      Z40 Z41 Y-16R      Z40 Z41 W-16P      Z40 Z41 W-16R      Z40 Z41 Y-16I (KZ41Y)											
40	240	145	110	85	16	3	4-18	300	352	200	18
50	250	160	125	100	16	3	4-18	358	438	240	29
65	270	180	145	120	18	3	4-18	375	450	240	33
80	280	195	160	135	20	3	8-18	433	528	280	46
100	300	215	180	155	20	3	8-18	502	620	320	63
125	325	245	210	185	22	3	8-18	612	753	360	108
150	350	280	240	210	24	3	8-23	676	847	360	134
200	400	335	295	265	26	3	12-23	820	1039	400	192
250	450	405	355	320	30	3	12-25	969	1245	450	273
300	500	460	410	375	30	3	12-25	1142	1472	560	379
350	550	520	470	435	34	4	16-25	1280	1450	640	590
400	600	580	525	485	36	4	16-30	1452	1887	640	850
450	650	640	585	545	40	4	20-30	1541	2011	720	907
500	700	705	650	608	44	4	20-34	1676	2181	720	958
600	800	840	770	718	48	5	20-41	1874	2346	800	1112
Z40H Z41Y -25      Z40 Z41 Y-25P      Z40 Z41 Y-25R      Z40 Z41 W-25P      Z40 Z41 W-25R      Z40 Z41 Y-25I (KZ41Y)											
40	240	145	110	85	18	3	4-18	300	352	200	18
50	250	160	125	100	20	3	4-18	358	438	240	28
65	270	180	145	120	22	3	8-18	375	450	240	33
80	280	195	160	135	22	3	8-18	433	528	280	46
100	300	230	190	160	24	3	8-23	502	620	320	64
125	325	270	220	188	28	3	8-25	612	753	360	116
150	350	300	250	218	30	3	8-25	676	847	360	141
200	400	360	310	278	34	3	12-25	820	1039	400	213
250	450	425	370	332	36	3	12-30	969	1245	450	290
300	500	485	430	390	40	4	16-30	1142	1472	560	400
350	550	550	490	448	44	4	16-34	1280	1450	640	631
400	600	610	550	505	48	4	16-34	1452	1887	640	900
450	650	660	600	555	50	4	20-34	1541	2011	720	1013
500	700	730	660	610	52	4	20-41	1676	2181	720	1166
600	800	840	770	718	56	5	20-41	1874	2346	800	1258

# Deseen International

## Cast steel valve and Stainless valve



Z40/Z41/KZ41-PN16-160

**主要外形和连接尺寸 Main external and connection dimension**

单位Unit: mm

公称通径 DN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions												WT (Kg)
	L	D	D <sub>1</sub>	D <sub>2</sub>	D <sub>6</sub>	b	f	f <sub>2</sub>	Z-d	H	H <sub>1</sub>	D <sub>0</sub>	
Z40H Z41Y -40	Z40 Z41 Y-40P	Z40 Z41 Y-40R	Z40 Z41 W-40P	Z40 Z41 W-40R	Z40 Z41 Y-40 (KZ41Y)								
40	240	145	110	85	76	18	3	4	4-18	323	369	200	16.5
50	250	160	125	100	88	20	3	4	4-18	372	440	280	29
65	290	180	145	120	110	22	3	4	8-18	395	473	280	39
80	310	195	160	135	121	22	3	4	8-18	457	552	320	52
100	350	230	190	160	150	24	3	4.5	8-23	552	671	360	80
125	400	270	220	188	176	28	3	4.5	8-25	634	726	400	127
150	450	300	250	218	204	30	3	4.5	8-25	708	883	400	154
200	550	375	320	282	260	38	3	4.5	12-30	858	1086	450	263
250	650	445	385	345	313	42	3	4.5	12-34	1015	1298	560	368
300	750	510	450	408	364	46	4	4.5	16-34	1203	1535	640	547
350	850	570	510	465	422	52	4	5	16-34	1341	1678	640	679
400	950	665	585	535	474	58	4	5	16-41	1492	1903	720	953
Z40H Z41Y -64	Z40 Z41 Y-64P	Z40 Z41 Y-64R	Z40 Z41 W-64P	Z40 Z41 W-64R	Z40 Z41 Y-64I (KZ41Y)								
40	240	165	125	95	76	24	3	4	4-φ23	360	389	240	29
50	250	175	135	105	88	26	3	4	4-φ23	372	448	280	34
65	280	200	160	130	110	28	3	4	8-φ23	395	475	280	43
80	310	210	170	140	121	30	3	4	8-φ23	458	553	320	60
100	350	250	200	168	150	32	3	4.5	8-φ25	553	679	360	89
125	400	295	240	202	176	36	3	4.5	8-φ30	638	779	400	140
150	450	340	280	240	204	38	3	4.5	8-φ34	718	893	450	207
200	550	405	345	300	260	44	3	4.5	12-φ34	873	1100	560	325
250	650	470	400	352	313	48	3	4.5	12-φ41	1053	1332	640	467
300	750	530	460	412	364	54	4	4.5	16-φ41	1203	1535	640	590
Z40H Z41Y -100	Z40 Z41 Y-100P	Z40 Z41 Y-100R	Z40 Z41 W-100P	Z40 Z41 W-100R	Z40 Z41 Y-100I (KZ41Y)								
40	240	165	125	95	76	26	3	4	4-23	360	389	280	51
50	250	195	145	112	88	28	3	4	4-23	490	558	360	60
65	280	220	170	138	110	32	3	4	8-25	540	622	400	70
80	310	230	180	148	121	34	3	4	8-25	573	671	400	89
100	350	265	210	172	150	38	3	4.5	8-30	575	671	400	130
125	400	310	250	210	176	42	3	4.5	8-34	744	892	560	223
150	450	350	290	250	204	46	3	4.5	12-34	800	972	560	295
200	550	430	360	312	260	54	3	4.5	12-41	800	972	560	559
250	650	500	430	382	313	60	3	4.5	12-41	1050	1305	640	640
300	750	585	500	442	364	70	4	4.5	16-48	1208	1506	640	730
Z40H Z41Y -160	Z40 Z41 Y-160P	Z40 Z41 Y-160R	Z40 Z41 W-160P	Z40 Z41 W-160R	Z40 Z41 Y-160I (KZ41Y)								
40	260	175	125	92	76	32	3	4	4-27	350	395	320	32
50	300	215	165	132	88	36	3	4	8-25	512	612	360	73
65	340	245	190	152	110	44	3	4	8-30	560	677	360	110
80	390	260	205	168	121	46	3	4	8-30	585	686	400	141
100	450	300	240	200	150	48	3	4.5	8-34	631	751	450	185
125	525	355	285	238	176	60	3	4.5	8-41	723	868	560	320
150	600	390	318	270	204	66	3	4.5	12-41	820	997	640	462
200	750	480	400	345	250	78	3	4.5	12-48	990	1224	720	711

注：根据用户需要可提供齿轮传动闸阀产品。 Note: Gear driving gate valves can be supplied per users' requirement.

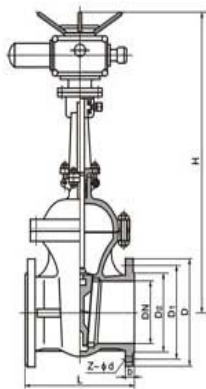


# Deseen International

## Cast steel valve and Stainless valve



Z940/941-PN16-160



主要外形和连接尺寸 Main external and connection dimension

单位Unit: mm

公称通径 DN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions								电动装置 Electric dewice	WT(Kg)		
	L	D	D <sub>1</sub>	D <sub>2</sub>	b	f	Z-d	H				
	Z940H Z941Y	-16C	Z940 Z941	Y-16P	Z940 Z941	Y-16R	Z940 Z941	W-16P	Z940 Z941	W-16R	Z940 Z941	Y-16I
40	240	145	110	85	16	3	4-18	595	DZW15	56		
50	250	160	125	100	16	3	4-18	653	DZW20	59		
65	270	180	145	120	18	3	4-18	665	DZW20	62		
80	280	195	160	135	20	3	8-18	725	DZW20	74		
100	300	215	180	155	20	3	8-18	787	DZW20	92		
150	350	280	240	210	24	3	8-23	955	DZW30	161		
200	400	335	295	265	26	3	12-23	1105	DZW30	219		
250	450	405	355	320	30	3	12-25	1343	DZW45	376		
300	500	460	410	375	30	3	12-25	1516	DZW60	484		
350	550	520	470	435	34	4	16-25	1678	DZW60	695		
400	600	580	525	485	36	4	16-30	1849	DZW90	977		
450	650	640	585	545	40	4	20-30	1937	DZW90	1033		
500	700	705	650	608	44	4	20-34	2234	DZW120	1087		
600	800	840	770	718	48	5	20-41	2432	DZW180	1357		
700	900	910	840	788	50	5	24-41	2489	DZW250	1481		
800	1000	1020	950	898	52	5	24-41	2643	DZW350	1845		

注: DN700、DN800的型号为Z942型。  
Note: DN700, DN800 type is Z942.



# Deseen International

## Cast steel valve and Stainless valve



Z940/Z941-PN16-160

**主要外形和连接尺寸 Main external and connection dimension**

单位Unit: mm

公称通径 DN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions								电动装置 Electric device	WT(Kg)		
	L	D	D <sub>1</sub>	D <sub>2</sub>	b	f	Z-d	H				
	Z940H Z941Y	-25C	Z940 Z941	Y-25P	Z940 Z941	Y-25R	Z940 Z941	W-25P	Z940 Z941	W-25R	Z940 Z941	Y-25I
40	240	145	110	85	18	3	4-18	595	DZW15	60		
50	250	160	125	100	20	3	4-18	653	DZW20	64		
65	270	180	145	120	22	3	8-18	665	ĐZW20	65		
80	280	195	160	135	22	3	8-18	725	DZW20	79		
100	300	230	190	160	24	3	8-23	787	DZW20	98		
125	325	270	220	188	28	3	8-25	902	DZW30	154		
150	350	300	250	218	30	3	8-25	955	DZW30	168		
200	400	360	310	278	34	3	12-25	1105	DZW45	219		
250	425	425	370	332	36	3	12-30	1343	DZW45	390		
300	450	485	430	390	40	4	12-30	1516	DZW60	505		
350	550	550	490	448	44	4	16-30	1678	DZW60	736		
400	600	610	550	505	48	4	16-34	1849	DZW90	1027		
450	650	660	600	555	50	4	16-34	1937	DZW90	1139		
500	700	730	660	610	52	4	20-34	2234	DZW120	1228		
600	800	840	770	718	56	5	20-41	2432	DZW180	1502		
700	900	955	875	815	60	5	20-41	2489	DZW250	1617		
800	1000	1070	990	930	64	5	24-48	2643	DZW350	1923		

注: DN700、DN800的型号为Z942型。 Note: DN700, DN800 type is Z942.

**主要外形和连接尺寸 Main external and connection dimension**

单位Unit: mm

公称通径 DN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions										电动装置 Electric device	WT (Kg)
	L	D	D <sub>1</sub>	D <sub>2</sub>	D <sub>6</sub>	b	Z-d	f	f <sub>2</sub>	H		
	Z940H Z941Y	-40	Z940 Z941	Y-40P	Z940 Z941	Y-40R	Z940 Z941	W-40P	Z940 Z941	W-40R	Z940 Z941	Y-40I
40	240	145	110	85	76	18	4-18	3	4	617	DZW15	46
50	250	160	125	100	88	20	4-18	3	4	665	DZW20	58
65	290	180	145	120	110	22	8-18	3	4	680	DZW20	68
80	310	195	160	135	121	22	8-18	3	4	752	DZW20	80
100	350	230	190	160	150	24	8-23	3	4.5	846	DZW30	108
150	450	300	250	218	204	30	8-25	3	4.5	1087	DZW45	258
200	550	375	320	282	260	38	12-30	3	4.5	1243	DZW45	366
250	650	445	385	345	313	42	12-34	3	4.5	1429	DZW60	472
300	750	510	450	408	364	46	16-34	4	4.5	1608	DZW90	673
350	850	570	510	465	422	52	16-34	4	5	1738	DZW90	804
400	950	655	585	535	474	58	16-41	4	5	1897	DZW120	1081
450	1050	680	610	560	524	60	20-41	4	5	2104	DZW180	1259
500	1150	755	670	612	576	62	20-48	4	5	2401	DZW180	1348

# Deseen International

## Cast steel valve and Stainless valve



Z940/941-PN16-160

**主要外形和连接尺寸 Main external and connection dimension**

单位Unit: mm

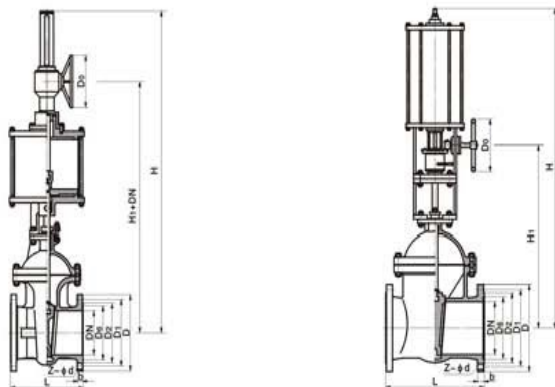
公称通径 DN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions										电动装置 Electric device	WT (Kg)
	L	D	D <sub>1</sub>	D <sub>2</sub>	D <sub>6</sub>	b	z-d	f	f <sub>2</sub>	H		
	Z940H Z941Y -64	Z940 Z941 Y-64P	Z940 Z941 Y-64R	Z940 Z941 W-64P	Z940 Z941 W-64R	Z940 Z941 Y-64I						
50	250	175	135	105	88	26	4-23	3	4	667	DZW20	68
65	280	200	160	130	110	28	8-23	3	4	685	DZW20	72
80	310	210	170	140	121	30	8-23	3	4	748	DZW30	88
100	350	250	200	168	150	32	8-25	3	4.5	845	DZW30	117
150	450	340	280	240	204	88	8-34	3	4.5	1009	DZW45	314
200	550	405	345	300	260	44	12-34	3	4.5	1253	DZW60	432
250	650	470	400	345	313	48	12-41	3	4.5	1449	DZW60	595
300	750	530	460	412	361	54	16-41	4	4.5	1867	DZW90	721
350	850	595	525	475	422	60	16-41	4	5	1931	DZW120	863
400	950	670	585	525	474	66	16-48	4	5	2017	DZW180	1129
500	1150	800	705	640	576	70	20-54	4	5	2459	DZW250	1493
	Z940H Z941Y -100	Z940 Z941 Y-100P	Z940 Z941 Y-100R	Z940 Z941 W-100P	Z940 Z941 W-100R	Z940 Z941 Y-100I						
50	250	195	145	112	88	28	4-25	3	4	781	DZW20	78
65	280	220	170	138	110	32	8-25	3	4	830	DZW20	96
80	310	230	180	148	121	34	8-25	3	4	865	DZW30	126
100	350	265	210	172	150	38	8-30	3	4.5	1179	DZW30	134
150	450	350	290	250	204	46	12-34	3	4.5	1201	DZW60	352
200	550	430	360	312	260	54	12-41	3	4.5	1611	DZW90	484
250	650	500	430	382	313	60	12-41	3	4.5	1903	DZW90	608
300	750	585	500	442	364	70	16-48	4	4.5	2054	DZW120	767
350	850	655	560	498	422	76	16-54	4	5	2132	DZW180	994
400	950	715	620	558	474	80	16-54	4	5	2321	DZW250	1269
	Z940H Z941Y -160	Z940 Z941 Y-160P	Z940 Z941 Y-160R	Z940 Z941 W-160P	Z940 Z941 W-160R	Z940 Z941 Y-160I						
50	300	215	165	132	88	36	8-25	3	4	905	DZW20	101
65	340	245	190	152	110	44	8-30	3	4	968	DZW20	137
80	390	260	205	168	121	46	8-30	3	4	978	DZW30	167
100	450	300	240	200	150	48	8-34	3	4.5	1043	DZW30	211
125	525	355	285	238	176	60	8-41	3	4.5	1248	DZW60	424
150	600	390	318	270	204	66	12-41	3	4.5	1394	DZW90	588
200	750	480	400	345	250	78	12-48	3	4.5	1621	DZW120	839

# Deseen International

## Cast steel valve and Stainless valve



CZ6s40H-16-40C/P/R



主要外形和连接尺寸 Main external and connection dimension

单位Unit: mm

公称通径 DN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions									WT (Kg)
	L	D	D <sub>1</sub>	D <sub>2</sub>	b	Z-φd	H	H <sub>1</sub>	D <sub>0</sub>	
	CZ6s40H-16C CZ6s40Y-16P CZ6s40Y-16R									
50	250	160	125	100	16	4-φ18	950	570	180	36
65	270	180	145	120	18	4-φ18	1050	596	180	53
80	280	195	160	135	20	8-φ18	1080	635	200	72
100	300	215	180	155	20	8-φ18	1145	645	250	90
125	325	245	210	185	22	8-φ18	1210	685	250	120
150	350	280	240	210	24	8-φ18	1300	720	320	132
200	400	335	295	265	26	12-φ23	1660	940	400	258
250	450	405	355	320	30	12-φ25	1790	1020	400	297
300	500	460	410	375	30	12-φ25	1990	1150	450	420
350	550	520	470	435	34	16-φ25	2090	1170	450	558
400	600	580	525	485	36	16-φ30	2290	1325	500	840
450	650	640	585	545	40	20-φ30	2485	1465	500	1110
500	700	705	650	608	44	20-φ34	2640	1590	550	1380
600	800	840	770	718	48	20-φ41	2940	1720	550	1620
700	900	910	840	788	50	24-φ41	3450	1960	600	1966
800	1000	1020	950	898	52	24-φ41	3650	2190	600	2282
900	1100	1120	1050	998	54	28-φ41	3815	2400	800	2495
1000	1200	1255	1170	1110	56	28-φ48	4000	2650	800	2760



# Deseen International

## Cast steel valve and Stainless valve



CZ6s40H-16-40C/P/R

**主要外形和连接尺寸 Main external and connection dimension** 单位Unit: mm

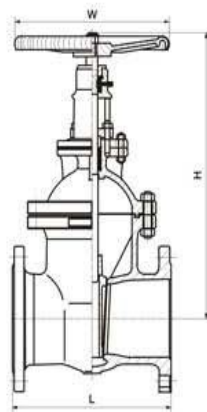
公称通径 DN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions									WT (Kg)
	L	D	D <sub>1</sub>	D <sub>2</sub>	b	Z-φd	H	H <sub>1</sub>	D <sub>0</sub>	
CZ6s40H-25 CZ6s40Y-25P CZ6s40Y-25R										
50	250	160	125	100	20	4-φ18	950	570	180	38
65	270	180	145	120	22	8-φ18	1050	596	180	55
80	280	195	160	135	22	8-φ18	1080	635	200	76
100	300	230	190	160	24	8-φ23	1145	645	250	94
125	325	270	220	188	28	8-φ25	1210	685	250	126
150	350	300	250	218	30	8-φ25	1300	720	320	136
200	400	360	320	278	34	12-φ25	1660	940	400	265
250	450	425	370	332	36	12-φ30	1790	1020	400	300
300	500	485	430	390	50	16-φ30	1990	1150	450	436
350	550	550	490	448	44	16-φ34	2090	1170	450	580
400	600	610	550	505	48	16-φ34	2290	1325	500	860
450	650	660	600	555	50	20-φ34	2485	1465	500	1260
500	700	730	660	610	52	20-φ41	2640	1590	550	1420
600	800	840	770	718	56	20-φ41	2940	1720	550	1710
700	900	955	875	815	60	24-φ48	3450	1960	600	2105
800	1000	1070	990	930	64	24-φ48	3650	2190	600	2310
900	1100	1180	1090	1025	66	28-φ54	3815	2400	800	2620
1000	1200	1305	1210	1140	68	28-φ58	4000	2650	800	2960

**主要外形和连接尺寸 Main external and connection dimension** 单位Unit: mm

公称通径 DN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions										WT (Kg)
	L	D	D <sub>1</sub>	D <sub>2</sub>	D <sub>6</sub>	b	Z-φd	H	H <sub>1</sub>	D <sub>0</sub>	
CZ6s40H-40 CZ6s40Y-40P CZ6s40Y-40R											
50	250	160	125	100	88	20	4-φ18	950	570	200	42
65	280	180	145	120	110	22	8-φ18	1050	596	200	68
80	320	195	160	135	121	22	8-φ18	1080	635	250	84
100	350	230	190	160	150	24	8-φ23	1145	645	320	102
125	400	270	220	188	176	28	8-φ25	1210	700	320	135
150	450	300	250	218	204	30	8-φ25	1330	750	400	156
200	550	375	320	282	260	38	12-φ30	1660	940	400	276
250	650	445	385	345	313	42	12-φ34	1820	1050	450	306
300	750	510	450	408	364	46	16-φ34	1990	1150	450	510
350	850	570	510	465	422	52	16-φ34	2110	1190	500	720
400	950	655	585	535	474	58	16-φ41	2335	1370	550	1050
450	1050	680	610	560	524	60	20-φ41	2490	1510	550	1320
500	1150	755	670	612	576	62	20-φ48	2640	1590	550	1800
600	1350	890	795	730	678	62	20-φ54	2940	1720	600	2160

# Deseen International

## Cast steel valve and Stainless valve

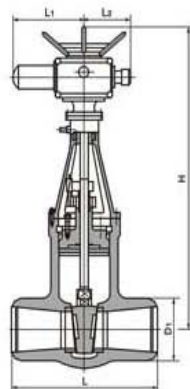


**主要外形和连接尺寸 Main external and connection dimension** 单位Unit: mm

压力等级 Pressure		PN1.6										
口径Size	mm	50	65	80	100	125	150	200	250	300	350	400
L		250	270	280	330	360	390	460	530	630	690	750
H		305	354	402	437	496	541	699	815	914	1189	1350
W		200	200	750	250	300	350	400	450	500	550	600
重量(kg)Weight		20	30	38	56	75	100	182	278	398	500	618
压力等级 Pressure		PN2.5										
口径Size	mm	50	65	80	100	125	150	200	250	300	350	400
L		250	270	280	330	360	390	460	530	630	690	750
H		325	363	415	453	505	556	744	864	948	1269	1450
W		200	200	250	300	350	400	450	500	550	600	600
重量(kg)Weight		20	30	39	58	80	101	190	290	405	510	650
压力等级 Pressure		PN4.0										
口径Size	mm	50	65	80	100	125	150	200	250	300	350	400
L		250	270	280	330	360	390	460	530	630	690	750
H		325	370	430	480	532	589	783	888	965	1285	1512
W		200	200	250	300	350	400	450	500	550	600	600
重量(kg)Weight		22	31	41.5	61	83	110	210	318.5	430	520	680

# Deseen International

## Cast steel valve and Stainless valve



### 产品执行标准 Production enforce standard

产品规范 Product specification	设计规范 Design spec	结构长度 Face to face	连接法兰 Flange end	试验与检验 Test & check	压力-温度 Pressure-temp.	产品标识 Marking
	JB/T 7746	JB/T 7746	JB/T 79	JB/T 9092	GB/T 9131	GB/T 12220

### 产品性能规范 Chief property and specification

产品型号 Product type	公称压力PN(MPa) Nominal pressure	试验压力(MPa)Test pressure		工作压力(MPa) Working pressure	工作温度(℃) Working temperature	适用介质 Applicable medium
		强度试验 Shell test	密封试验/上密封 试验Seal test			
Z960Y-250	25	37.5	27.5	-	≤425	水、蒸汽、 Water, steam,
Z960Y-320	32	48.0	36.0	-	≤425	
Z960Y-P54100	-	30.0	22.0	P5410	≤540	蒸汽 Steam
Z960Y-P54170	-	48.0	36.0	P5417	≤540	

### 主要零件材料 Material for main parts

零件名称 Part name	材料牌号 Material designation		
阀体 Body	WCB	WC6	WC9
阀板 Disc	WCB	WC6	WC9
阀盖 Bonnet	25	12Cr1Mo1VA	
阀杆 Stem	1Cr17Ni2	20Cr1Mo1VA	
阀座 Seat	25	12Cr1Mo1VA	
密封环 Sealing ring	S软钢(增强柔性石墨) S soft steel (flexible graphite)	S 软钢 S soft steel	F 软钢 F Soft steel
填料 Packing	增强柔性石墨 Flexible graphite		
支架 Yoke	WCB	WCB或WC6	
阀杆螺母 Stem nut	45(ZCuZn25Al6Fe3Mn3)		
四开环 Four piece ring	1Cr13	20Cr1Mo1VA	



# Deseen International

## Cast steel valve and Stainless valve



Z960Y-100-320 P54100V, P54170V

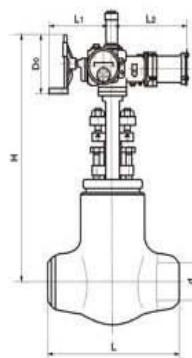
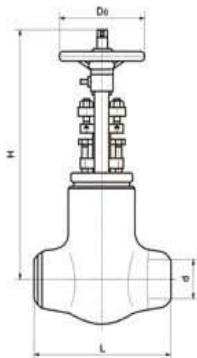
### 主要外形和连接尺寸 Main external and connection dimension

单位Unit: mm

公称通径 DN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions					电动装置 Electric dewice	WT ( Kg )
	D1	L	H	L1	L2		
Z960Y-250							
100	84	406	1164	437	277	DZW45	234
125	100	483	1402	437	277	DZW60	343
175	158	711	1650	554	309	DZW180	638
225	200	864	1650	554	309	DZW180	654
300	280	1067	2106	764	398	DZW350	1973
Z960Y-320							
100	96	533	1236	437	277	DZW180	291
125	118	610	1302	437	277	DZW180	315
150	148	762	1403	526	283	DZW180	672
175	148	762	1650	554	309	DZW180	684
Z960Y-P54100V							
225	222	1041	1650	554	309	DZW250	696
175	148	762	1650	554	309	DZW60	683
225	222	1041	1650	554	309	DZW180	704
250	222	1041	1795	554	309	DZW500	1214
300	294	1245	2080	554	309	DZW500	2125
Z960Y-P54170V							
125	98	630	1230	437	277	DZWC-4	312
225	186	1060	1680	554	309		1401
300	278	1397	2265	764			2834
325	310	1448	2265	690	398		2632
350	338	1550	2536	715			5591

# Deseen International

## Cast steel valve and Stainless valve



### 产品执行标准 Production enforce standard

产品规范 Product Specification	设计规范 Design spec	结构长度 Face to Face	对焊连接 BW End	试验与检验 Test & Check	压力-温度 Pressure-Temp.	产品标识 Marking	供货规范 Supply
	JB/T 3595/E101	E101	78DG	E101	JB/T 3595	GB/T 12220	JB/T 7928

### 产品性能规范 Chief property and specification

壳体材料 Shell material	适用温度℃ Applicable temperature	适用介质 Applicable medium
ASTM A216 WCB	≤425	蒸汽、水 Steam, water
ASTM A217 WC1	≤450	蒸汽、水 Steam, water
ASTM A217 WC6	≤550	蒸汽、水 Steam, water
ASTM A217 WC9	≤590	蒸汽、水 Steam, water

### 主要零件材料 Material for main parts

零件名称 Part name	材料牌号 Material designation			
阀体 Body	WCB	WC1	WC6	WC9
闸板 Disc	WCB	WC1	WC6	WC9
阀盖 Bonnet	25 WCB	15Cr1Mo1VA WC1	12Cr1Mo1VA WC6	12Cr1Mo1VA WC9
阀座 Seat	25	15Cr1Mo1VA	12Cr1Mo1VA	12Cr1Mo1VA
阀杆 Stem	1Cr17Ni2	1Cr17Ni2	SUGG600 12Cr1Mo1VA	SUGG600 12Cr1Mo1VA
填料 Packing	增强柔性石墨 (flexible graphite)			
支架 Yoke	WCB	WCB WC1	WCB WC6	WCB WC9
密封环 Sealing ring	S 软钢(增强柔性石墨) S soft steel(Flexible graphite)		S 软钢 S soft steel	F 软钢 F soft steel
阀杆螺母 Stem nut	45(ZCuZn25Al16Fe3Mn3)			

# Deseen International

## Cast steel valve and Stainless valve



Class1500, 2000, 2500, 3500

### 主要外形和连接尺寸 Main external and connection dimension

单位Unit: mm

公称通径DN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions						电动装置 Electric actuators	WT (Kg)
	d	L	H	D <sub>0</sub>	L <sub>1</sub>	L <sub>2</sub>		
Z960Y-1500Lb								
2 1/2	56	254	520	200	140	243	SMC-04	93
3	64	305	523	508	140	243	SMC-04	110
4	84	406	599 599	508 305	198 400	281 555	SMC-03 SMC-00	168 208
5	100	483	678 678	508 305	198 400	565 654	SMC-03 SMC-00	189 232
6	126	559	793 793	305 305	410 420	565 654	SMC-0 SMC-1	358 444
8	158	711	813 813	305 305	410 420	668 654	SMC-0 SMC-1	517 561
10	200	864	988 988	457 305	440 420	654 688	SMC-2 SMC-1	852 823
12	250	991	1141 1156	305 457	420 440		SMC-1 SMC-2	1122 1150
14	280	1067	1249	610	690		SMC-3	1760
16	3189	1194	1351	610	690		SMC-3	2429
18	360	1346	1535 1540	610 610	690 715		SMC-3 SMC-4	2454 2524
20	406	1473	1726 1731	610 610	690 715		SMC-3 SMC-4	3334 3380
22	450	1600	1921 1926	610 610	690 715		SMC-3 SMC-4	4409 4648
Z960Y-2000Lb								
2 1/2	50	33	540	200	140	243	SMC-04	202
3	60	368	558	508	198	332	SMC-03	149
4	80	457	654	305	400	555	SMC-00	245
5	96	533	780 780	305 305	400 410	555 565	SMC-00 SMC-0	280 323
6	118	610	830	305	410	565	SMC-0	419
8	148	762	960 960	305 305	410 420	565 654	SMC-0 SMC-1	626 715
10	180	914	1020 1024	305 457	420 440	654 688	SMC-1 SMC-2	1020 1050
12	222	1041	1150 1166	457 610	440 690	688	SMC-2 SMC-3	1320 1358
14	254	1118	1230 1240	457 610	440 690	688	SMC-2 SMC-3	1810 1840
16	294	1245	1330 1350	610 610	690 715		SMC-3 SMC-4	2270 2300



# Deseen International

## Cast steel valve and Stainless valve



Class1500, 2000, 2500, 3500

**主要外形和连接尺寸 Main external and connection dimension** 单位Unit: mm

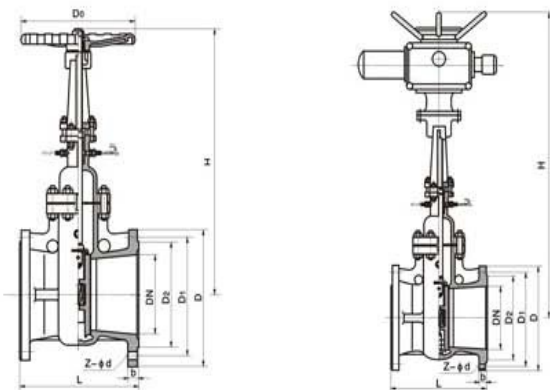
公称通径DN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions						电动装置 Electric actuators	WT(Kg)
	d	L	H	D <sub>0</sub>	L <sub>1</sub>	L <sub>2</sub>		
Z960Y-2500Lb								
2 <sup>1/2</sup>	46	330	533 533	508 200	198 140	332 243	SWC-03 SWC-04	143 116
3	54	368	549 549	508 200	198 140	332 243	SWC-03 SWC-04	160 134
4	70	457	653 644	508 305	198 140	332 565	SWC-03 SWC-0	251 294
5	86	533	760 774	305 305	400 400	555 565	SWC-00 SWC-0	324 341
6	104	610	850 861	305 305	400 410	555 565	SWC-00 SWC-0	479 564
8	130	762	847 860	305 305	410 420	565 654	SWC-0 SWC-1	725 750
10	162	814	1031 1050	305 610	420 690	654	SWC-1 SWC-3	1152 1220
12	210	1041	1125 1149	457 610	440 690	688	SWC-2 SWC-3	1520 1558
14	234	1118	1221	610	690		SWC-3	1869
16	264	1245	1390 1395	610 610	690 715		SWC-3 SWC-4	2826 3084
Z960Y-3500Lb								
3	44	440	620 620	508 305	198 400	332 555	SWC-03 SWC-00	269 305
4	56	540	721 730	305 305	400 410	555 565	SWC-00 SWC-0	398 437
5	74	616	796 796	305 305	410 420	565 654	SWC-0 SWC-1	507 592
6	88	692	857 857	305 305	410 420	565 654	SWC-0 SWC-1	605 691
8	116	846	1041 1051	305 457	420 440	654 688	SWC-1 SWC-2	1088 1179
10	142	1000	1197 1207	457 610	440 690	688	SWC-2 SWC-2	1700 2031
12	174	1124	1338	610	690		SWC-3	2708
14	196	1229	1455 1440	610 610	715 690		SWC-4 SWC-3	3180 3131
18	252	1499	1915	610	715		SWC-4	4560

# Deseen International

## Cast steel valve and Stainless valve



Z944H-16-100C, Z940H/Y-40-100C



**主要外形和连接尺寸 Main external and connection dimension** Z944H-16, 25 单位Unit: mm

公称通径 DN	L	H	PN1.6(MPa)		PN2.5(MPa)	
			电动装置 Electric device	WT(Kg)	电动装置 Electric device	WT(Kg)
50	250	620	DZW10	50	DZW10	54
65	270	714	DZW10	63	DZW10	66
80	280	765	DZW10	65	DZW10	68
100	300	840	DZW15	75	DZW15	80
125	325	852	DZW15	106	DZW20I	109
150	350	875	DZW20I	113	DZW20I	146
200	400	1015	DZW20	189	DZW30	191
250	450	1125	DZW30	214	DZW30	219
300	500	1371	DZW45	353	DZW45	257
350	550	1485	DZW60	602	DZW60	607
400	600	1890	DZW60	698	DZW60	705
450	650	1989	DZW90	713	DZW90	720
500	700	2041	DZW120	881	DZW120	888
600	800	2285	DZW180	1250	DZW180	1275
700	900	2347	DZW250	1938	DZW250	1946
800	1000	2593	DZW350	2562	DZW350	2574

注: PN1.6(16)阀门允许作为PN1.0(10)压力级选用。 Annotation: PN1.6(16) valve is permit be used as PN1.0(10).

**主要外形和连接尺寸 Main external and connection dimension** Z940H-40, 64, 100 单位Unit: mm

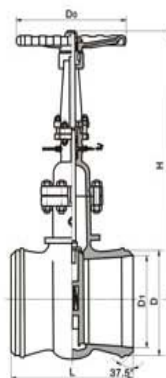
公称通径 DN	L	PN4.0 (MPa)			PN6.4 (MPa)			PN10.0 (MPa)		
		H	电动装置 Electric drive	WT (Kg)	H	电动装置 Electric drive	WT (Kg)	H	电动装置 Electric drive	WT (Kg)
50	280	620	DZW10	56	622	DZW10	58	622	DZW10	58
65	310	714	DZW10	68	718	DZW15	71	718	DZW15	71
80	350	767	DZW15	73	770	DZW20I	74	770	DZW20I	77
100	400	845	DZW20I	82	845	DZW20I	85	845	DZW30I	89
125	450	852	DZW20I	108	852	DZW30	111	852	DZW30	113
150	550	875	DZW30	117	875	DZW30	117	965	DZW45	122
200	650	1015	DZW30	193	1105	DZW45	193	1105	DZW60	195
250	750	1215	DZW45	217	1215	DZW60	222	1237	DZW90I	235
300	850	1371	DZW60	357	1424	DZW90I	362	1424	DZW120I	370
350	950	1507	DZW90I	624	1507	DZW120I	631	1670	DZW180	641
400	1050	1912	DZW120	701	2075	DZW180	713	2075	DZW250	725

# Deseen International

## Cast steel valve and Stainless valve



Z964H-16-100C, Z960H/Y-40-100C



**主要外形和连接尺寸 Main external and connection dimension** Z64H-16C, 25 单位Unit: mm

公称通径 DN	L	H	D <sub>0</sub>	PN1.6(MPa)			PN2.5(MPa)		
				D	D <sub>1</sub>	WT(Kg)	D	D <sub>1</sub>	WT(Kg)
50	250	334	250	58	50	19	64	49	23
65	270	439	250	75	65	32	82	67	35
80	280	495	300	91	79	34	95	77	37
100	300	575	350	110	97	44	117	101	49
125	325	587	350	136	121	75	144	126	78
150	350	607	350	163	146	82	172	158	105
200	400	740	400	223	202	158	223	202	160
250	450	863	400	278	254	184	278	254	188
300	500	990	400	330	305	245	330	305	249
350	550	1137	500	382	352	492	382	352	497
400	600	1523	500	432	399	588	432	399	592
450	650	1618	600	485	451	683	485	451	688
500	700	1657	600	535	501	846	535	499	853
600	800	1746	700	636	601	1013	636	599	1020

注: PN1.6(16)阀门允许作为PN1.0(10)压力级选用。  
Annotation: PN1.6(16) valve is permit be used as PN1.0(10).

**主要外形和连接尺寸 Main external and connection dimension** Z60H-40, 64, 100 单位Unit: mm

公称通径 DN	L	D	PN4.0(MPa)				PN6.4(MPa)				PN10.0(MPa)			
			D <sub>1</sub>	H	D <sub>0</sub>	WT(Kg)	D <sub>1</sub>	H	D <sub>0</sub>	WT(Kg)	D <sub>1</sub>	H	D <sub>0</sub>	WT(Kg)
50	250	64	49	345	300	30	50	350	300	34	49	350	300	37
65	270	83	67	441	300	38	66	447	300	41	64	447	300	44
80	280	96	79	495	350	42	77	499	350	45	75	499	350	47
100	300	117	101	575	350	52	99	582	400	55	97	582	400	57
125	325	144	126	587	400	80	129	590	400	83	125	590	400	87
150	350	172	152	607	400	107	150	611	450	110	145	611	450	113
200	400	223	200	740	450	164	198	745	550	169	190	747	550	172
250	450	278	252	863	550	191	246	867	650	195	236	869	650	198
300	500	330	302	1008	650	254	294	1008	750	260	282	1013	750	265
350	550	382	350	1142	750	499	342	1148	800	504	334	1148	850	508
400	650	432	397	1527	850	598	387	1531	900	604	377	1533	950	610

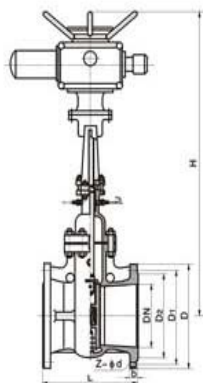
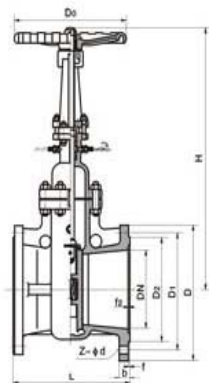


# Deseen International

## Cast steel valve and Stainless valve



Z44/944H-10C-100



**主要外形和连接尺寸 Main external and connection dimension** Z44H-40 Z944H-40 单位Unit: mm

公称 口径 DN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions									手动 Manuall			电动 Electrically		
	L	D	D <sub>1</sub>	D <sub>2</sub>	D <sub>5</sub>	f	b	f <sub>2</sub>	Z-d	H	D <sub>0</sub>	WT (Kg)	H	电动装置 Electric drivice	WT (Kg)
50	250	160	125	100	88	3	20	4	4-18	330	300	27	620	DZW10	55
65	290	180	145	120	110	3	22	4	8-18	435	300	38	714	DZW10	65
80	310	195	160	135	121	3	22	4	8-18	491	350	42	765	DZW15	70
100	350	230	190	160	150	3	24	4.5	8-23	573	350	57	840	DZW20I	86
125	450	270	220	188	176	3	28	4.5	8-25	582	400	91	852	DZW20I	120
150	350	300	250	218	204	3	30	4.5	8-25	605	400	110	875	DZW30	138
200	550	375	320	282	260	3	38	4.5	12-30	739	450	169	1015	DZW30	200
250	650	445	385	345	313	3	42	4.5	12-34	862	550	207	1225	DZW40	298
300	750	510	450	408	364	4	46	4.5	16-34	990	650	266	1371	DZW60	383
350	850	570	510	465	422	4	52	5	16-34	1139	750	513	1507	DZW90I	601
400	950	655	585	535	474	4	58	5	16-41	1523	850	627	1912	DZW120	866

# Deseen International

## Cast steel valve and Stainless valve



Z44/944H-10C-100

**主要外形和连接尺寸 Main external and connection dimension**

单位Unit: mm

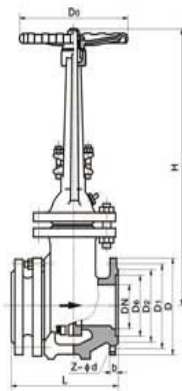
公称通径 DN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions									手动 Manuall			电动 Electrically		
	L	D	D <sub>1</sub>	D <sub>2</sub>	D <sub>6</sub>	f	b	f <sub>2</sub>	Z-d	H	D <sub>0</sub>	WT (Kg)	H	电动装置 Electric drive	WT (Kg)
Z40H-64 Z940H-64															
50	250	175	135	105	88	3	26	4	4-23	337	300	30	622	DZW10	58
65	280	200	160	130	110	3	28	4	8-23	441	300	41	714	DZW15	69
80	310	210	170	140	121	3	30	4	8-23	496	350	45	765	DZW20I	73
100	350	250	200	168	150	3	32	4.5	8-25	578	400	62	840	DZW20I	90
125	400	295	240	202	176	3	36	4.5	8-30	588	400	97	852	DZW30	124
150	450	340	280	240	204	3	38	4.5	8-34	610	450	115	875	DZW30	142
200	550	405	345	300	260	3	44	4.5	12-34	744	550	172	1195	DZW45	270
250	650	470	400	352	313	3	48	4.5	12-41	867	650	211	1225	DZW60	317
300	750	530	460	412	364	4	54	4.5	16-41	996	750	271	1393	DZW90O	399
350	850	595	525	475	422	4	60	5	16-41	1142	850	518	1507	DZW120I	647
400	950	670	585	525	474	4	66	5	16-48	1537	900	633	2075	DZW180	882
Z40H-100 Z940H-100															
50	250	195	145	112	88	3	28	4	4-25	337	300	34	622	DZW10	62
65	280	220	170	138	110	3	32	4	8-25	441	300	46	714	DZW15	74
80	310	230	180	148	121	3	34	4	8-25	496	350	50	765	DZW20I	78
100	350	265	210	172	150	3	38	4.5	8-30	578	400	67	840	DZW30I	95
125	400	310	250	210	176	3	42	4.5	8-34	588	400	102	852	DZW30	129
150	450	350	290	250	204	3	46	4.5	12-34	610	450	121	875	DZW45	221
200	550	430	360	312	260	3	54	4.5	12-41	744	550	178	1195	DZW60	235
250	650	500	430	382	313	3	60	4.5	12-41	867	650	217	1225	DZW90I	345
300	750	585	500	442	364	4	70	4.5	16-48	996	750	278	1393	DZW120I	409
350	850	655	560	498	422	4	76	5	16-54	1142	850	524	1507	DZW180	773
400	950	715	620	558	474	4	80	5	16-54	1537	950	640	2075	DZW250	892

# Deseen International

## Cast steel valve and Stainless valve



PZ41H/41X/941H

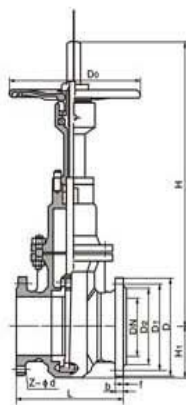


**主要外形和连接尺寸 Main external and connection dimension** 单位Unit: mm

公称压力PN	公称通径DN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions											WT(Kg)
		L	D	D <sub>1</sub>	D <sub>2</sub>	D <sub>6</sub>	b	f	Z-d	H	D <sub>0</sub>		
1.6MPa	50	250	160	125	100	-	16	3	4-18	335	250	60	
	80	280	195	160	135	-	20	3	8-18	510	280	78	
	100	300	215	180	155	-	20	3	8-18	685	300	96	
	150	350	280	240	210	-	24	3	8-23	790	300	158	
	200	400	335	295	265	-	26	3	12-23	885	350	222	
	250	450	405	355	320	-	30	3	12-25	1015	400	289	
	300	500	460	410	375	-	30	3	12-25	1190	450	365	
	350	550	520	470	435	-	34	4	16-25	1350	500	558	
	400	600	580	525	485	-	36	4	16-25	1460	500	850	
	450	650	640	585	545	-	40	4	20-30	1620	550	1164	
2.5MPa	500	700	705	650	608	-	44	4	20-34	1800	550	1482	
	50	250	160	125	100	-	20	3	4-18	335	250	99	
	80	280	195	160	135	-	22	3	8-18	510	280	118	
	100	300	230	190	160	-	24	3	8-23	685	300	147	
	150	350	300	250	218	-	30	3	8-25	790	300	204	
	200	400	360	310	278	-	34	3	12-25	885	350	273	
	250	450	425	370	332	-	36	3	12-30	1015	400	373	
	300	500	485	430	390	-	40	4	16-30	1190	450	478	
	350	550	550	490	448	-	44	4	16-34	1350	500	680	
	400	600	610	550	505	-	48	4	16-34	1460	500	1008	
4.0MPa	450	650	660	600	555	-	50	4	20-34	1620	550	1344	
	500	700	730	660	610	-	52	4	20-41	1800	550	1827	
	50	250	160	125	100	88	20	3	4-18	3400	250	98	
	80	310	195	160	135	121	22	3	8-18	508	300	126	
	100	350	230	190	160	150	24	3	8-23	680	300	156	
	150	450	300	250	218	204	30	3	8-25	800	400	228	
	200	550	375	320	282	260	38	3	12-30	875	500	298	
	250	650	445	385	345	313	42	3	12-34	1010	500	372	
	300	750	510	450	408	364	46	4	16-34	1180	550	450	
	350	850	570	510	465	422	52	4	16-34	1145	600	530	
6.4MPa	400	950	655	585	535	474	58	4	16-41	1280	600	610	
	450	1050	680	610	560	524	60	4	20-41	1415	700	690	
	500	1150	755	670	612	576	62	4	20-48	1560	750	772	
	50	250	175	135	105	-	26	3	4-23	340	250	142	
	80	310	210	170	140	-	30	3	8-23	508	300	168	
	100	350	250	200	168	-	32	3	8-25	680	300	210	
	150	450	340	280	240	-	38	3	8-34	800	400	270	
	200	550	405	345	300	-	44	3	12-34	875	500	367	
	250	650	470	400	352	-	48	3	12-41	1010	500	450	
	300	750	530	460	415	-	54	4	16-41	1180	550	532	
6.4MPa	350	850	595	525	475	-	60	4	16-41	1145	600	548	
	400	950	670	585	525	-	66	4	16-48	1280	600	615	
	450	1050	715	630	570	-	70	4	20-48	1415	700	695	
	500	1150	800	705	610	-	76	4	20-54	1560	750	778	

# Deseen International

## Cast steel valve and Stainless valve



### 产品执行标准 Production enforce standard

产品规范 Product Specification	设计规范 Design Spec	结构长度 Face to Face	连接法兰 Flange End	试验与检验 Test & Check	压力-温度 Pressure-Temp.	产品标识 Marking
	JB/T 5298	JB/T 5298	JB/T 79	JB/T 5298	GB 9131	GB/T 12220
	API 6D	API 6D	ANSI B16.5	API 6D	ANSI B16.34	MSS SP-25

### 产品性能规范 Chief property and specification

压力等级 Pressure	常温下压力试验 (MPa)					适用温度℃ Applicable temperature			适用介质 Applicable medium	
	壳体Shell	左密封	右密封	低压密封		"G" 型	"D" 型	普通型	"抗硫" 型	"基本" 型
公称压力 (MPa) Nominal pressure	1.6	2.4	1.76	1.76	0.6	-29~250	-46~121	-29~121	含H <sub>2</sub> O和 Co <sub>2</sub> 500Mg/m <sup>3</sup> 的介质	石油 天然气 水等 Oil water
	2.5	3.75	2.75	2.75	0.6					
	4.0	6.0	4.4	4.4	0.6					
	6.4	9.6	7.04	7.04	0.6					
磅级 (Lb) Class	150	3.1	2.3	2.3	0.6	-29~250	-46~121	-29~121	含H <sub>2</sub> O和 Co <sub>2</sub> 500Mg/m <sup>3</sup> 的介质	石油 天然气 水等 Oil water
	300	5.52	7.6	5.52	0.6					

### 主要零件材料 Material for main parts

零件名称 Part Name	零部件材料 Part Material			
	JB/T7298		API 6D	
阀门/阀盖 Body/Bonnet	WCB	WC6	A352-LCB	A351-CF8M
闸板 Wedge	2Cr13+ENP	20CrMoV+STL	ANSI 410+ENP	ANSI 316+ENP
阀杆 Stem	2Cr13	2Cr13	A182-F6a	A182-F316S
阀座 Seat	25+PTFE	20CrMoV+STL	A105+PTFE	A182-F316+PTFE
填料 Packing	NBR/FPM	柔性石墨/Flexible Graphite		聚四氟乙烯/PTFE+FPM
垫片 Gasket	18-8/柔性石墨/18-8/Flexible Graphite			
螺栓 Bolt	35	35CrMo	A193-B7M	A193-B8
适用温度 Suitable Temp.	-29~250℃	-29~550℃	-46~350℃	-40~200℃
适用介质 Suitable Medium	水、油品、蒸汽 Water,Oil,Steam	蒸汽、油品 Steam, Oil	丙烷、乙烯 Steam, Oil	硝酸类 Nitric Acid

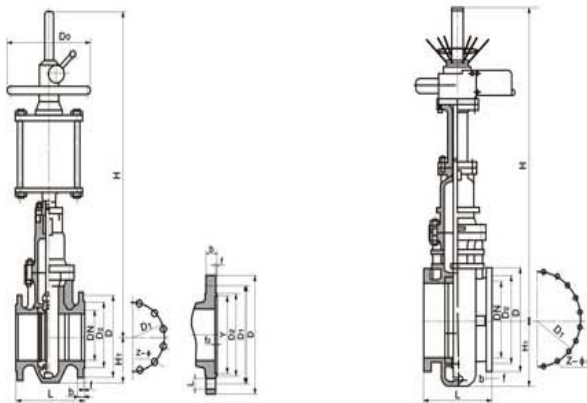


# Deseen International

## Cast steel valve and Stainless valve



WPZ543/643/943F-1.6-10.0



主要外形和连接尺寸 Main external and connection dimension 单位Unit: mm

公称压力 PN	DN	L	D	D <sub>1</sub>	D <sub>2</sub>	D <sub>0</sub>	f	b	H	H <sub>1</sub>	Z-φ
1.6MPa	50	178	160	125	100	250	3	16	584	80	4-18
	65	190	180	145	120	250	3	18	634	95	4-18
	80	203	195	160	135	250	3	20	688	100	8-18
	100	229	215	180	155	300	3	20	863	114	8-18
	125	254	245	210	185	350	3	22	940	132	8-18
	150	267	280	240	210	350	3	24	1030	150	8-23
	200	292	335	295	265	350	3	26	1277	168	12-23
	250	330	405	355	320	400	3	30	1491	203	12-25
	300	356	460	410	375	450	4	30	1701	237	12-25
	350	381	520	470	435	500	4	34	1875	265	16-25
	400	406	580	525	485	505	4	36	2180	300	16-30
	450	432	640	585	545	505	4	40	2440	325	20-30
	500	457	705	650	608	505	4	44	2860	360	20-34
	600	508	840	770	718	505	5	48	3450	425	20-41
	700	610	910	840	788	505	5	50	3960	460	24-41
2.5MPa	800	660	1020	950	898	505	5	52	4550	512	24-41
	900	711	1120	1050	998	505	5	54	5250	565	28-41
	1000	811	1255	1170	1110	505	5	56	5870	630	28-48
	50	178	160	125	100	250	3	20	584	80	4-18
	65	190	180	145	120	300	3	22	634	95	8-18
	80	203	195	160	135	350	3	22	688	100	8-18
	100	229	230	190	160	350	3	24	863	114	8-23
	125	254	270	220	188	350	3	28	940	132	8-25
	150	267	300	250	218	400	3	30	1030	150	8-25
	200	292	360	310	278	450	3	34	1277	168	12-25
	250	330	425	370	332	500	3	36	1491	203	12-30
	300	356	485	430	390	505	4	40	1701	237	16-30
	350	381	550	490	448	505	4	44	1875	265	16-34
	400	406	610	550	505	505	4	48	2180	300	16-34
	450	432	660	600	555	505	4	50	2440	325	20-34
	500	457	730	660	610	505	4	52	2860	360	20-41
	600	508	840	770	718	505	5	56	3450	425	20-41
	700	610	955	875	815	505	5	60	3960	460	24-48
	800	660	1070	990	930	505	5	64	4550	512	24-48
	900	711	1180	1090	1025		5	66	5250	595	28-54
	1000	811	1305	1210	1140		5	68	5870	660	28-58

# Deseen International

## Cast steel valve and Stainless valve



**主要外形和连接尺寸 Main external and connection dimension** 单位Unit: mm

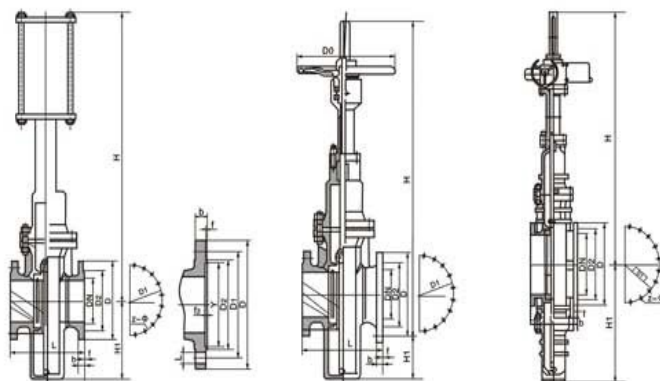
公称压力 PN	DN	L	D	D <sub>1</sub>	D <sub>2</sub>	Y	D <sub>0</sub>	f	f <sub>2</sub>	b	H	H <sub>1</sub>	Z-φ
4.0MPa	50	250	160	125	100	88	250	3	4	20	584	80	4-18
	65	280	180	145	120	110	250	3	4	22	634	95	8-18
	80	310	195	160	135	121	250	3	4	22	679	102	8-18
	100	350	230	190	160	150	300	3	4.5	24	863	115	8-23
	125	400	270	220	188	176	350	3	4.5	28	940	133	8-25
	150	450	300	250	218	204	350	3	4.5	30	1040	152	8-25
	200	550	375	320	282	260	350	3	4.5	38	1282	188	12-30
	250	650	445	385	345	313	400	3	4.5	42	1495	223	12-34
	300	750	510	450	408	364	450	4	4.5	46	1701	250	16-34
	350	850	570	510	465	422	500	4	5	52	1880	280	16-34
	400	950	655	585	535	474	305	4	5	58	2200	310	20-41
	450	1050	680	610	560	524	305	4	5	60	2480	335	20-41
	500	1150	755	670	612	576	305	4	5	62	2890	380	20-48
	600	1350	890	795	730	678	305	5	6	62	3460	450	20-54
	700	1450	995	900	835	768	305	5	6	68	3985	500	24-54
	800	1650	1135	1030	960	876	305	5	6	76	4750	570	24-58
6.4MPa	50	250	175	135	105	88	250	3	4	26	584	90	4-23
	65	280	200	160	130	110	250	3	4	28	634	105	8-23
	80	310	210	170	140	121	250	3	4	30	679	110	8-23
	100	350	250	200	168	150	300	3	4.5	32	763	130	8-25
	125	400	295	240	202	176	350	3	4.5	36	970	150	8-30
	150	450	340	280	240	204	350	3	4.5	38	1038	175	8-34
	200	550	405	345	300	260	350	3	4.5	44	1282	210	12-34
	250	650	470	400	352	313	400	3	4.5	48	1495	240	12-41
	300	750	530	460	412	364	450	4	4.5	54	1965	270	16-41
	350	850	595	525	475	422	500	4	5	60	2185	300	16-41
	400	950	670	585	525	474	305	4	5	66	2573	335	16-48
	450	1050	715	630	570	524	305	4	5	68	2800	360	20-48
10.0MPa	500	1150	800	705	640	576	305	4	5	70	3280	405	20-54
	600	1350	930	820	750	678	305	5	6	76	3800	470	20-58
	50	250	195	145	112	88	250	3	4	28	590	100	4-25
	65	280	220	170	138	110	250	3	4	32	640	115	8-25
	80	310	230	180	148	121	250	3	4	34	680	120	8-25
	100	350	265	210	172	150	300	3	4.5	38	870	135	8-30
	125	400	310	250	210	176	350	3	4.5	42	980	155	8-34
	150	450	350	290	250	204	350	3	4.5	46	1100	180	12-34
	200	550	430	360	312	260	350	3	4.5	54	1315	220	12-41
	250	650	500	430	382	313	400	3	4.5	60	1605	255	12-41
	300	750	585	500	442	364	450	4	4.5	70	1925	295	16-48
	350	850	665	560	498	422	500	4	5	76	2280	335	16-54
	400	950	715	620	558	474	305	4	5	80	2580	360	16-54

# Deseen International

## Cast steel valve and Stainless valve



DPZ 43F-1.6-10.0



主要外形和连接尺寸 Main external and connection dimension

单位Unit: mm

公称压力 PN	DN	L	D	D <sub>1</sub>	D <sub>2</sub>	D <sub>0</sub>	f	b	H	H <sub>1</sub>	Z-φ
1.6MPa	50	178	160	125	100	250	3	16	584	80	4-18
	65	190	180	145	120	250	3	18	634	95	4-18
	80	203	195	160	135	250	3	20	688	100	8-18
	100	229	215	180	155	300	3	20	863	114	8-18
	125	254	245	210	185	350	3	22	940	132	8-18
	150	267	280	240	210	350	3	24	1030	150	8-23
	200	292	335	295	265	350	3	26	1277	168	12-23
	250	330	405	355	320	400	3	30	1491	203	12-25
	300	356	460	410	375	450	4	30	1701	237	12-25
	350	381	520	470	435	500	4	34	1875	265	16-25
	400	406	580	525	485	305	4	36	2180	300	16-30
	450	432	640	585	545	305	4	40	2440	325	20-30
	500	457	705	650	608	305	4	44	2860	360	20-34
	600	508	840	770	718	305	5	48	3450	425	20-41
	700	610	910	840	788	305	5	50	3960	460	24-41
	800	660	1020	950	898	305	5	52	4550	512	24-41
	900	711	1120	1050	998	250	5	54	5250	565	28-41
	1000	811	1255	1170	1110	250	5	56	5870	630	28-48
2.5MPa	50	178	160	125	100	250	3	20	584	80	4-18
	65	190	180	145	120	300	3	22	634	95	8-18
	80	203	195	160	135	350	3	22	688	100	8-18
	100	229	230	190	160	350	3	24	863	114	8-23
	125	254	270	220	188	350	3	28	940	132	8-25
	150	267	300	250	218	400	3	30	1030	150	8-25
	200	292	360	310	278	450	3	34	1277	168	12-25
	250	330	425	370	332	500	3	36	1491	203	12-30
	300	356	485	430	390	305	4	40	1701	237	16-30
	350	381	550	490	448	305	4	44	1875	265	16-34
	400	406	610	550	505	305	4	48	2180	300	16-34
	450	432	660	600	555	305	4	50	2440	325	20-34
	500	457	730	660	610	305	4	52	2860	360	20-41
	600	508	840	770	718	305	5	56	3450	425	20-41
	700	610	955	875	815	305	5	60	3960	460	24-48
	800	660	1070	990	930	305	5	64	4550	512	24-48
	900	711	1180	1090	1025		5	66	5250	595	28-54
	1000	811	1305	1210	1140		5	68	5870	660	28-58



# Deseen International

## Cast steel valve and Stainless valve



**主要外形和连接尺寸 Main external and connection dimension** 单位Unit: mm

公称压力 PN	DN	L	D	D <sub>1</sub>	D <sub>2</sub>	Y	D <sub>0</sub>	f	f <sub>2</sub>	b	H	H <sub>1</sub>	Z-φ
4.0MPa	50	250	160	125	100	88	250	3	4	20	584	80	4-18
	65	280	180	145	120	110	250	3	4	22	634	95	8-18
	80	310	195	160	135	121	250	3	4	22	679	102	8-18
	100	350	230	190	160	150	300	3	4.5	24	863	115	8-23
	125	400	270	220	188	176	350	3	4.5	28	940	133	8-25
	150	450	300	250	218	204	350	3	4.5	30	1040	152	8-25
	200	550	375	320	282	260	350	3	4.5	38	1282	188	12-30
	250	650	445	385	345	313	400	3	4.5	42	1495	223	12-34
	300	750	510	450	408	364	450	4	4.5	46	1701	250	16-34
	350	850	570	510	465	422	500	4	5	52	1880	280	16-41
	400	950	655	585	535	474	305	4	5	58	2200	310	20-41
	450	1050	680	610	560	524	305	4	5	60	2480	335	20-41
	500	1150	755	670	612	576	305	4	5	62	2890	380	20-48
	600	1350	890	795	730	678	305	5	6	62	3460	450	20-54
	700	1450	995	900	835	768	305	5	6	68	3985	500	24-54
	800	1650	1135	1030	960	876	305	5	6	76	4750	570	24-58
6.4MPa	50	250	175	135	105	88	250	3	4	26	584	90	4-23
	65	280	200	160	130	110	250	3	4	28	634	105	8-23
	80	310	210	170	140	121	250	3	4	30	679	110	8-23
	100	350	250	200	168	150	300	3	4.5	32	763	130	8-25
	125	400	295	240	202	176	350	3	4.5	36	970	150	8-30
	150	450	340	280	240	204	350	3	4.5	38	1038	175	8-34
	200	550	405	345	300	260	350	3	4.5	44	1282	210	12-34
	250	650	470	400	352	313	400	3	4.5	48	1495	240	12-41
	300	750	530	460	412	364	450	4	4.5	54	1965	270	16-41
	350	850	595	525	475	422	500	4	5	60	2185	300	16-41
	400	950	670	585	525	474	305	4	5	66	2573	335	16-48
	450	1050	715	630	570	524	305	4	5	68	2800	360	20-48
10.0MPa	50	250	195	145	112	88	250	3	4	28	590	100	4-25
	65	280	220	170	138	110	250	3	4	32	640	115	8-25
	80	310	230	180	148	121	250	3	4	34	680	120	8-25
	100	350	265	210	172	150	300	3	4.5	38	870	135	8-30
	125	400	310	250	210	176	350	3	4.5	42	980	155	8-34
	150	450	350	290	250	204	350	3	4.5	46	1100	180	12-34
	200	550	430	360	312	260	350	3	4.5	54	1315	220	12-41
	250	650	500	430	382	313	400	3	4.5	60	1605	255	12-41
	300	750	585	500	442	364	450	4	4.5	70	1925	295	16-48
	350	850	665	560	498	422	500	4	5	76	2280	335	16-54
	400	950	715	620	558	474	305	4	5	80	2580	360	16-54

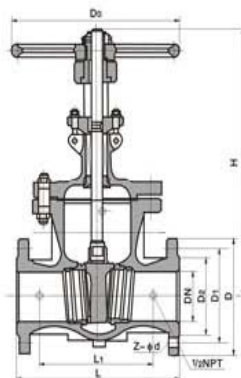


# Deseen International

## Cast steel valve and Stainless valve



BZ41Y-16-25P/R



**主要外形和连接尺寸 Main external and connection dimension** 单位Unit: mm

公称通径 DN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions									WT (Kg)
	L	L <sub>1</sub>	D	D <sub>1</sub>	D <sub>2</sub>	b	Z-φd	H	D <sub>0</sub>	
BZ41H-16C    BZ41W-16P    BZ41W-16R										
40	200	70	160	125	100	18	4-φ18	310	200	49
50	250	80	180	145	120	18	4-φ18	358	240	54
65	270	90	195	160	135	20	8-φ18	373	240	81
80	280	100	215	180	155	20	8-φ18	435	280	100
100	300	100	245	210	185	22	8-φ18	500	300	120
125	325	110	280	240	210	24	8-φ23	614	320	210
150	350	120	335	295	265	26	12-φ23	674	360	260
200	400	130	405	355	320	30	12-φ25	818	400	300
250	450	140	460	410	375	30	12-φ25	969	450	400
300	500	160	520	470	435	34	16-φ25	1145	560	490
BZ41H-25    BZ41W-25P    BZ41W-25R										
40	200	70	160	125	100	20	4-φ18	358	240	52
50	250	80	180	145	120	22	8-φ18	373	240	56
65	270	90	195	160	135	22	8-φ18	435	280	86
80	280	100	230	190	160	24	8-φ18	500	300	105
100	300	100	270	220	188	28	8-φ15	614	320	170
125	325	110	300	250	218	30	8-φ25	674	360	245
150	350	120	360	310	278	34	12-φ25	818	400	270
200	400	130	425	370	332	36	12-φ30	969	450	380
250	450	140	485	430	390	40	12-φ30	1145	560	535
300	500	160	550	490	448	44	16-φ34	1145	640	546

# Deseen International

## Cast steel valve and Stainless valve



ZBPZ44Y-1.6-6.4

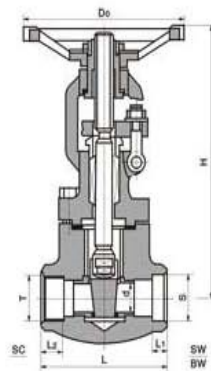


**主要外形和连接尺寸 Main external and connection dimension** 单位Unit: mm

公称压力 PN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions														
	DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600
1.6MPa	L	250	270	280	300	325	350	400	450	500	550	600	650	700	800
	H	417	452	530	607	614	850	1060	1225	1415	1630	1780	2050	2181	2599
	Do	240	240	280	300	300	350	400	450	500	500	600	720	720	720
	WT (Kg)	22	30	44	47	76	96	160	228	300	388	566	900	958	1410
2.5MPa	L	250	270	280	300	325	350	400	450	500	550	600	650	700	800
	H	417	452	567	590	756	880	1041	1260	1415	1630	1780	2050	2181	2599
	Do	240	240	280	320	320	400	400	450	500	500	600	720	720	720
	WT (Kg)	23	32	46	67	78	112	218	290	324	423	566	900	958	1410
4.0MPa	L	250	280	310	350	400	450	550	650	750	850	950	1050	1150	1350
	H	417	452	567	590	776	885	1065	1250	1531	1700	1770	1820	1880	2200
	Do	240	270	280	320	350	400	500	550	640	640	640	680	680	680
	WT (Kg)	28	35	47	68	115	150	235	374	550	890	1235	1400	1506	1780
6.4MPa	L	250	280	310	350	400	450	550	650	750	850	950			
	H	505	545	605	665	780	980	1120	1332	1680	1745	1820			
	Do	280	280	320	400	400	450	550	550	640	640	680			
	WT (Kg)	44	64	84	119	174	266	388	500	550	898	1234			

# Deseen International

## Cast steel valve and Stainless valve



### 产品执行标准 Production enforce standard

产品规范 Product Specification	设计规范 Design Spec	结构长度 Face to Face	连接法兰 Flange End	试验与检验 Test & Check	压力-温度 Pressure-Temp.	产品标识 Marking	供货规范 Supply
	JB/T 7746	JB/T 7746	JB/T 79	JB/T 9092	GB/T 9131	GB/T 12220	JB/T 7928

### 产品性能规范 Chief property and specifiation

试验项目 Teat item	强度试验 Shell test	密封试验 seal test	气密封试验 Air seal test	适用温度℃ Applicable temperature	适用介质 Applicable medium
1.6	2.4	1.76	0.6	≤550℃	水、油品、 蒸汽 Water, oil, steam
2.5	3.8	2.76			
4.0	6.0	4.4			
6.4	9.6	7.04			
10.0	15.0	11.0			
16.0	24.0	17.6			

### 主要零部件材料 Main Part Material

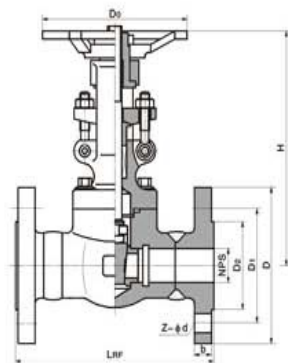
零件名称 Part Name	零部件材料 Part Material	
阀体/阀盖 Body/Bonnet	25	1Cr18Ni9Ti
闸板/闸瓣 Wedge/Disc	2Cr13	1Cr18Ni9Ti
阀杆 Stem	2Cr13	1Cr18Ni9Ti
密封圈 Seal Ring	1Cr13+HF	1Cr18Ni9Ti+STL
填料 Packing	柔性石墨/Flexible Graphite	聚四氟乙烯/PTFE
垫片 Gasket	18-8/柔性石墨/18-8/Flexible Graphite	
螺栓 Bolt	35/35CrMo	1Cr18Ni9 Ti
适用温度 Suitable Temp	-29~425℃	-40~200℃
适用介质 Suitable Medium	水、油品、蒸汽 Water, Oil, Steam	硝酸类 Nitric Acid

# Deseen International

## Cast steel valve and Stainless valve



Z41H/Y-16-160C



**主要外形和连接尺寸 Main external and connection dimension**

单位Unit: mm

公称通径 DN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions								WT (Kg)
	L	d	S	L1	T	L2	H	D0	
	Z41H-16C	Z41H-25	Z41H-40	Z11H-16C	Z11H-25	Z11H-40	Z61H-16C	Z61H-25	Z61H-40
15	90	13	22.5	10	1/2	15	151	118	6.9
20	100	18	28.5	11	3/4	17	182	130	9.8
25	120	23	34.5	12	1	19	197	150	13.5
32	120	28	43	14	1 1/4	21	201	166	19.5
40	135	36	49	15	1 1/2	21	227	180	28.5
50	155	45	61	16	2	25	253	180	30.3
	Z41H-64	Z11H-64	Z61H-64						
15	90	13	22.5	10	1/2	15	151	118	7.7
20	100	18	28.5	11	3/4	17	182	130	11.3
25	120	23	34.5	12	1	19	197	150	16.8
32	130	28	43	14	1 1/4	21	212	180	21.2
40	150	36	49	15	1 1/2	21	231	180	32.6
50	155	45	61	16	2	25	253	180	35

**主要外形和连接尺寸 Main external and connection dimension**

单位Unit: mm

公称通径 DN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions								WT (Kg)
	L	d	S	L1	T	L2	H	D0	
	Z41Y-100	Z11Y-100	Z61Y-100						
15	90	13	22.5	10	1/2	15	151	118	7.8
20	100	18	28.5	11	3/4	17	182	130	12.5
25	120	23	34.5	12	1	19	197	150	17.5
32	130	28	43	14	1 1/4	21	212	180	23.5
40	150	36	49	15	1 1/2	21	231	180	38.5
50	155	45	61	16	2	25	253	180	42.2
	Z41Y-160	Z11Y-160	Z61Y-160						
15	90	13	22.5	10	1/2	15	151	118	8.0
20	100	18	28.5	11	3/4	17	182	130	13.6
25	120	23	34.5	12	1	19	197	150	19.4
32	130	28	43	14	1 1/4	21	212	180	25.1
40	150	36	49	15	1 1/2	21	231	180	41.6
50	155	45	61	16	2	25	253	180	49.0

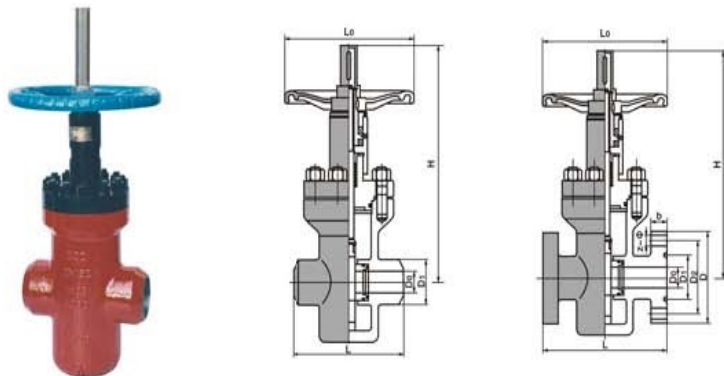


# Deseen International

## Cast steel valve and Stainless valve



GPZ43Y-16-25



**主要外形和连接尺寸 Main external and connection dimension** GPZ43Y-16-25 单位Unit: mm

公称压力 PN	公称通径 DN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions							
		L	H	D <sub>0</sub>	D <sub>1</sub>	D <sub>2</sub>	D	b	Z-φ
16MPa 22MPa	25	210	345	25	50.8	101.5	150	29	4-26
	32	240	350	29	60.32	111.0	160	29	4-26
	40	260	380	36	68.28	124.0	180	32	4-29.5
	50	300	400	45	95.25	165.0	215	38.5	8-26
	65	320	440	58	107.95	190.5	245	41.5	8-29.5
	80	360	500	72	123.82	190.5	240	38.5	8-26
25MPa 35MPa	100	450	540	90	149.22	235.0	290	44.5	8-32.5
	150	560	620	135	211.12	317.5	380	56	12-32.5
	25	220	345	25	50.8	101.5	150	29	4-26
	32	250	350	29	60.32	111.0	160	29	4-26
	40	270	380	36	68.28	124.0	180	32	4-29.5
	50	310	400	45	95.25	165.0	215	38.5	8-26
	65	340	440	58	107.95	190.5	245	41.5	8-29.5
	80	380	500	72	136.25	203.0	265	48	8-32.5
	100	480	540	90	161.92	241.5	310	54	8-35.5
	150	580	620	135	211.12	317.5	395	83	12-39

**主要外形和连接尺寸 Main external and connection dimension** GPZ63Y-16-25 单位Unit: mm

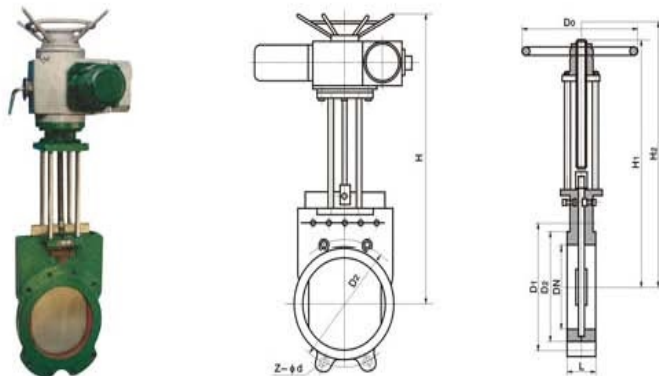
公称压力 PN	公称通径 DN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions				
		L	H	D <sub>0</sub>	D <sub>1</sub>	L <sub>0</sub>
16MPa 22MPa	25	160	345	25	42	200
	32	180	350	29	54	220
	40	210	380	36	60	280
	50	230	400	45	73	300
	65	250	440	58	89	350
	80	270	500	72	108	360
25MPa 35MPa	100	320	540	90	133	400
	150	500	620	135	192	450
	25	160	345	25	42	200
	32	180	350	29	56	220
	40	210	380	36	64	280
	50	230	400	45	76	300
	65	250	440	58	89	350
	80	270	500	72	114	360
	100	320	540	90	146	400
	150	500	620	135	192	450

# Deseen International

## Cast steel valve and Stainless valve



Z73/573/673/973X-2.5-16C



**主要外形和连接尺寸 Main external and connection dimension** 单位Unit: mm

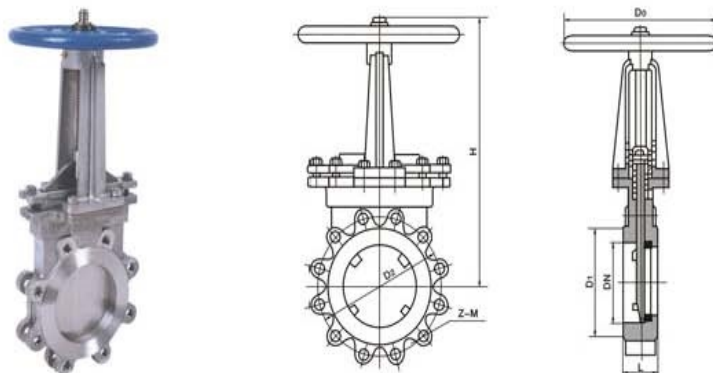
公称通径 DN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions							WT (Kg)			
	L	D <sub>1</sub>	D <sub>2</sub>	Z-φd	H	H <sub>1</sub>	D <sub>0</sub>				
Z73X-2.5	Z73X-6	Z73X-10	Z573X-2.5	Z573X-6	Z573X-10	Z673X-2.5	Z673X-6	Z673X-10	Z973X-2.5	Z973X-6	Z973X-10
50	40	125	100	4-M16	337	268	180	80			
65	40	145	120	4-M16	357	291	180	90			
80	50	160	135	8-M16	400	316	180	112			
100	50	180	155	8-M16	466	364	200	140			
150	60	270	210	8-M20	633	478	240	195			
200	60	295	265	8-M20	744	543	280	260			
250	70	350	318	12-M20	940	687	360	370			
300	70	400	368	12-M20	1087	783	360	455			
350	80	460	430	16-M20	1238	885	400	640			
400	80	515	482	16-M24	1394	994	400	960			
450	90	565	532	20-M24	1550	1100	400	1280			
500	90	620	585	20-M24	1700	1200	400	1710			
600	100	725	685	20-M27	2080	1480	400	1895			
700	100	840	800	24-M27	1720	2470	800	2100			
800	120	950	905	24-M30	2000	2900	800	2410			
900	150	1050	1005	28-M30	2130	3100	800	2660			
Z73X-16C Z573X-16C Z673X-16C Z973X-16C											
200	60	295	180	12-M20	754	552	240	265			
250	68	355	230	12-M24	945	692	240	376			
300	78	410	280	12-M24	1010	788	370	455			
350	78	470	330	16-M24	1245	890	370	648			
400	102	525	380	16-M24	1685	1000	400	970			
450	114	585	430	20-M27	1835	1110	400	1300			
500	127	650	480	20-M30	1926	1230	400	1760			
600	154	770	700	20-M36	2360	1500	800	1980			

# Deseen International

## Cast steel valve and Stainless valve



Z(73/573/673/973)W/H-10-16C/P



主要外形和连接尺寸 Main external and connection dimension

单位Unit: mm

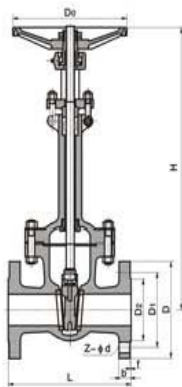
DN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions							
	L	D	D <sub>1</sub>	D <sub>2</sub>	Z-M	H	D <sub>0</sub>	W
Z73W-10 Z73H-10C Z73W-10P Z573W-10 Z573H-10C Z573W-10P Z673W-10 Z673H-10C Z673W-10P Z973W-10 Z973H-10C Z973W-10P								
50	48	160	125	100	4-M16	285	180	8
65	48	180	145	120	4-M16	298	180	10
80	50	195	160	135	4-M16	315	220	12
100	50	215	180	155	8-M16	365	220	14
150	57	280	240	210	8-M20	475	280	29
200	70	335	295	265	8-M20	540	360	38
250	70	390	350	320	12-M20	630	360	66
300	76	440	400	368	12-M20	780	400	100
350	76	500	460	428	16-M20	885	400	119
400	89	565	515	482	16-M22	990	400	195
450	89	615	565	532	20-M22	1100	530	285
500	114	670	620	585	20-M22	1200	530	389
600	114	780	725	685	20-M27	1450	600	529
Z73H-16C Z73W-16P Z73Y-16P Z573H-16C Z573W-16P Z573Y-16P Z673H-16C Z673W-16P Z673Y-16P Z973H-16C Z973W-16P Z973Y-16P								
50	48	165	125	99	4-M16	285	180	8.5
65	48	185	145	118	4-M16	295	180	10.7
80	50	200	160	132	8-M15	315	220	13
100	50	220	180	156	8-M16	365	220	15
150	57	285	240	211	8-M20	475	280	31
200	70	340	295	266	12-M20	540	360	40.7
250	70	405	355	319	12-M24	630	360	70
300	76	460	410	370	12-M24	780	400	107
350	76	520	470	429	16-M24	885	400	129
400	89	580	525	480	16-M27	990	400	215
450	89	640	585	548	20-M27	1100	530	305
500	114	715	650	609	20-M30	1200	530	410
600	114	840	775	720	20-M33	1450	600	550

# Deseen International

## Cast steel valve and Stainless valve



DZ40Y-16-100L



**主要外形和连接尺寸 Main external and connection dimension** 单位Unit: mm

公称通径 DN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions							WT(Kg)	
	L	D	D <sub>1</sub>	D <sub>2</sub>	b	Z-φd	H	D <sub>0</sub>	
<b>DZ40Y-16L</b>									
20	150	105	75	55	14	4-φ14	320	140	6
25	160	115	85	65	14	4-φ14	350	160	7
32	180	135	100	78	16	4-φ18	385	180	9
40	200	145	110	85	16	4-φ18	420	200	15
50	250	160	125	100	16	4-φ18	540	240	30
65	270	180	145	120	18	4-φ18	610	240	34
80	280	195	160	135	20	8-φ18	690	280	45
100	300	215	180	155	20	8-φ18	780	300	64
125	325	245	210	185	22	8-φ18	930	320	110
150	350	280	240	210	24	8-φ23	980	360	135
200	400	335	295	265	26	12-φ23	1180	400	195
250	450	405	355	320	30	12-φ25	1390	450	275
300	500	460	410	375	30	12-φ25	1620	560	380
350	550	520	470	425	34	16-φ25	1810	640	594
400	600	580	525	485	36	16-φ30	1970	640	725
<b>DZ40Y-25L</b>									
20	150	105	75	55	16	4-φ14	320	140	6
25	160	115	85	65	16	4-φ14	350	160	8
32	180	135	100	78	18	4-φ18	385	180	10
40	200	145	110	85	18	4-φ18	420	200	16
50	250	160	125	100	20	4-φ18	540	240	30
65	270	180	145	120	22	8-φ18	610	240	35
80	280	195	160	135	22	8-φ18	690	280	47
100	300	230	190	160	24	8-φ23	780	300	65
125	325	270	220	188	28	8-φ25	930	320	110
150	350	300	250	218	30	8-φ25	980	360	135
200	400	360	310	278	34	12-φ25	1180	400	215
250	450	425	370	332	36	12-φ30	1390	450	295
300	500	485	430	390	40	16-φ30	1620	560	400
350	550	550	490	448	44	16-φ34	1810	640	630
400	600	610	550	505	48	16-φ34	1990	640	910



# Deseen International

## Cast steel valve and Stainless valve



DZ40Y-16-100L

**主要外形和连接尺寸 Main external and connection dimension**

单位Unit: mm

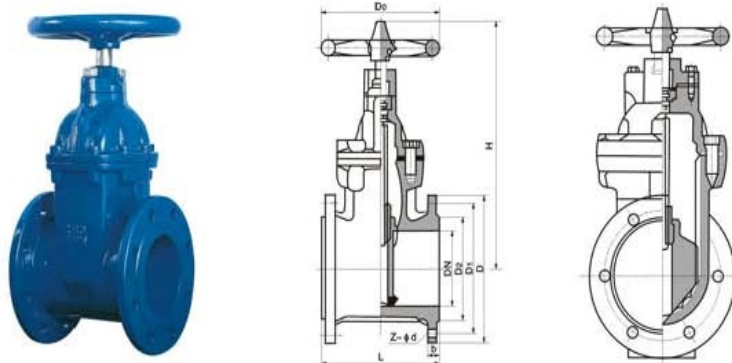
公称通径 DN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions									WT(Kg)
	L	D	D <sub>1</sub>	D <sub>2</sub>	D <sub>6</sub>	b	Z-φd	H	D <sub>0</sub>	
DZ40Y-40L										
20	150	105	75	55	51	16	4-φ14	330	140	7
25	160	115	85	65	58	16	4-φ14	360	160	9
32	180	135	100	78	66	18	4-φ18	440	180	11
40	200	145	110	85	76	18	4-φ18	455	200	19
50	250	160	125	100	88	20	4-φ18	575	280	28
65	280	180	145	120	110	22	8-φ18	635	280	35
80	310	195	160	135	121	22	8-φ18	715	320	50
100	350	230	190	160	150	24	8-φ23	815	360	74
125	400	270	220	188	176	28	8-φ25	965	400	115
150	450	300	250	218	204	30	8-φ25	1025	400	135
200	550	375	320	282	260	38	12-φ30	1225	450	215
250	650	445	385	345	313	42	12-φ34	1440	560	184
300	750	510	450	408	346	46	16-φ34	1665	640	405
350	850	570	510	465	422	52	16-φ34	1880	640	600
400	950	655	585	535	474	58	16-φ41	2050	720	750
DZ40Y-64L										
20	190	125	90	68	51	20	4-φ18	330	100	8
25	210	135	100	78	58	22	4-φ18	360	180	13
32	230	150	110	82	66	24	4-φ23	410	180	24
40	240	165	125	95	76	24	4-φ23	480	200	32
50	250	175	135	105	88	26	4-φ23	585	200	39
65	280	200	160	160	110	28	8-φ23	690	250	45
80	310	210	170	140	121	30	8-φ23	745	300	60
100	350	250	200	168	150	32	8-φ25	885	300	90
125	400	295	240	202	176	36	8-φ30	985	350	140
150	450	340	280	240	204	38	8-φ34	1050	350	205
200	550	405	345	300	260	44	12-φ34	1240	400	330
250	650	470	400	352	313	48	12-φ41	1460	560	468
300	750	530	460	412	364	54	16-φ41	1690	640	600
DZ40Y-100L										
25	210	135	100	78	58	24	4-φ18	365	200	18
32	230	150	110	82	66	24	4-φ23	420	240	27
50	250	195	145	112	88	28	4-φ25	630	360	45
65	280	220	170	138	110	32	8-φ25	700	400	60
80	310	230	180	148	121	34	8-φ25	760	400	76
100	350	265	210	172	150	38	8-φ30	900	400	128

# Deseen International

## Cast steel valve and Stainless valve



Z45X/RVC(H)X-10-16、Z41/941X/RRHX-10-16



**主要外形和连接尺寸 Main external and connection dimension**

单位Unit: mm

公称通径 DN	L	D	D1		D2	b	Z-φd		H	D0
			PN10	PN16			PN10	PN16		
50	180	155	125	-	100	18	4-φ19	4-φ19	365	200
65	190	185	145	-	118	19	4-φ19	4-φ19	442	200
80	240	211	160	-	125	21	8-φ19	8-φ19	540	250
100	250	238	180	-	152	21	8-φ19	8-φ19	616	250
125	254	250	210	-	184	19	8-φ19	8-φ19	710	340
150	280	290	240	-	204	22	8-φ23	8-φ23	812	340
200	300	342	295	-	256	23	8-φ23	12-φ23	1010	400
250	380	410	350	355	308	24	12-φ23	12-φ28	1180	450
300	400	464	400	410	362	25	12-φ23	12-φ28	1385	500
350	430	530	460	470	414	26	16-φ23	16-φ28	1542	560
400	406	580	515	525	480	28	16-φ28	16-φ31	1759	640
450	432	640	565	585	530	30	20-φ28	20-φ31	1972	720
500	457	715	620	650	585	31.5	20-φ28	20-φ34	-	720
600	508	840	685	770	685	36	20-φ31	20-φ37	-	800

**主要外形和连接尺寸 Main external and connection dimension**

单位Unit: mm

公称通径 DN	L	PN1.0MPa				PN1.6MPa				D2	H	D0
		D	D1	b	Z-φd	D	D1	b	Z-φd			
40	165	150	110	28	4-φ18	150	110	18	4-φ18	84	75	160
50	178	165	125	20	4-φ18	165	125	20	4-φ18	99	82	160
65	190	185	145	20	4-φ18	185	145	20	4-φ18	118	92	180
80	203	200	160	22	4-φ18	200	160	20	4-φ18	132	100	180
100	229	220	180	22	8-φ18	220	180	22	8-φ18	156	110	240
125	254	250	210	24	8-φ18	250	210	22	8-φ18	184	133	280
150	267	285	240	24	8-φ22	285	240	24	8-φ22	211	142	340
200	292	340	295	26	8-φ22	340	295	24	12-φ22	266	170	400
250	330	395	350	28	12-φ22	405	355	26	12-φ26	319	202	450
300	356	440	400	28	12-φ22	460	410	28	12-φ26	370	230	500
350	381	520	460	30	16-φ22	520	470	30	16-φ26	429	260	560
400	406	580	515	32	16-φ26	580	525	32	16-φ30	480	290	640
450	432	640	565	32	20-φ26	640	585	34	20-φ30	530	320	720
500	457	715	620	34	20-φ26	715	650	36	20-φ33	585	357	720
600	508	810	725	36	20-φ30	840	725	38	20-φ36	685	420	800