



**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/T12234	GB/T12221	GB/T9113	JB/T9092	GB/T12224	GB/T12220

**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

**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°C Applicable temperature
碳素钢(C型)	水、蒸汽、油品 Water, steam, oil goods	≤425
铬镍钛钢(P型)	硝酸类 Nitric acid	≤200
铬镍钼钛钢(R型)	醋酸类 Acetic acid	≤200
铬钼钢(I型)	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	阀板、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 Aluminumbronze. 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 Aluminumbronze. Bronze	浸聚四氟乙烯 Dipping polytetrafluo -roethylene	可锻铸铁 Foraeable cast-iron
铬镍铜钛钢 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.Mo.Ti stainless steel	铝青铜 Aluminumbronze. Bronze	烯石棉盘根 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	铬钼钒钢 Cr.Mo Ai steel	铝青铜 Aluminumbronze. Bronze	柔性石墨 Flexibie graphite	可锻铸铁 Foraeable cast-iron

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	D1	D2	b	f	Z-d	H	H1	Do	
Z40H Z41Y-16	Z40 Z41Y-16P	Z40 Z41Y-16R	Z40 Z41W-16P	Z40 Z41W-16R	Z40 Z41Y-16I	(KZ41Y)					
15	130	95	65	46	14	2	4-14	220	240	120	4
20	150	105	75	56	16	2	4-14	255	284	140	5
25	160	115	85	65	16	2	4-14	275	303	160	6
32	180	140	100	76	18	2	4-18	280	321	180	7
40	200	150	110	84	18	2	4-18	300	352	200	18
50	250	165	125	99	20	2	4-18	358	438	240	29
65	270	185	145	118	20	2	4-18	375	450	240	33
80	280	200	160	132	20	2	8-18	438	528	280	46
100	300	220	180	156	22	2	8-18	502	620	320	63
125	325	250	210	184	22	2	8-18	612	753	360	108
150	350	285	240	211	24	2	8-23	676	847	360	134
200	400	340	295	266	24	2	12-22	820	1039	400	192
250	450	405	355	319	26	2	12-26	969	1245	450	273
300	500	460	410	370	28	2	12-26	1142	1472	560	379
350	550	520	470	429	30	2	16-26	1280	1450	640	590
400	600	580	525	480	32	2	16-30	1452	1887	640	850
450	650	640	585	548	40	2	20-30	1541	2011	720	907
500	700	715	650	609	44	2	20-33	1676	2181	720	958
600	800	840	770	720	48	2	20-36	1874	2346	800	1112
Z40H Z41Y-25	Z40 Z41Y-25P	Z40 Z41Y-25R	Z40 Z41W-25P	Z40 Z41W-25R	Z40 Z41Y-25I	(KZ41Y)					
15	130	95	65	46	14	2	4-14	220	240	120	4
20	150	105	75	56	16	2	4-14	255	284	140	5
25	160	115	85	65	16	2	4-14	275	303	160	6
32	180	140	100	76	18	2	4-18	280	321	180	70
40	200	150	110	84	18	2	4-18	300	352	200	18
50	250	165	125	99	20	2	4-18	358	438	240	28
65	270	185	145	118	22	2	8-18	375	450	240	33
80	280	200	160	132	24	2	8-18	433	528	280	46
100	300	235	190	156	24	2	8-22	502	620	320	64
125	325	270	220	184	26	2	8-26	612	753	360	116
150	350	300	250	211	28	2	8-26	676	847	360	141
200	400	360	310	274	30	2	12-26	820	1039	400	213
250	450	425	370	330	32	2	12-30	696	1245	450	290
300	500	485	430	389	34	2	16-30	1142	1472	560	400
350	550	555	490	448	38	2	16-33	1280	1450	640	631
400	600	620	550	503	40	2	16-36	1452	1887	640	900
450	650	670	600	548	46	2	20-36	1541	2011	720	1013
500	700	730	660	609	48	2	20-36	1676	2181	720	1166
600	800	845	770	720	48	2	20-39	1874	2346	800	1258

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	D1	D2	D6	b	f	f2	Z-d	H	H1	Do	
<b>Z40H Z41Y-40</b>	<b>Z40 Z41Y-40P</b>	<b>Z40 Z41Y-40R</b>	<b>Z40 Z41W-40P</b>	<b>Z40 Z41W-40R</b>	<b>Z40 Z41Y-40I</b>	<b>(KZ41Y)</b>							
20	150	105	75	56	51	16	2	4	4-14	256	285	140	8
25	160	115	85	65	58	16	2	4	4-14	275	305	160	9.3
32	180	140	100	76	66	18	2	4	4-18	287	322	180	12
40	200	150	110	84	76	18	3	4	4-18	323	369	200	16.5
50	250	165	125	99	88	20	3	4	4-18	372	440	280	29
65	280	185	145	118	110	22	3	4	8-18	395	473	280	39
80	310	200	160	132	121	24	3	4	8-18	457	552	320	52
100	350	235	190	156	150	24	3	4.5	8-22	552	671	360	80
125	400	270	220	184	176	26	3	4.5	8-26	634	726	400	127
150	450	300	250	211	204	28	3	4.5	8-26	708	883	400	154
200	550	375	320	284	260	34	3	4.5	12-30	858	1086	450	263
250	650	450	385	345	313	38	3	4.5	12-33	1015	1298	560	368
300	750	515	450	409	364	42	4	4.5	16-33	1203	1535	640	547
350	850	580	510	465	422	46	4	5	16-36	1341	1678	640	679
400	950	660	585	535	474	50	4	5	16-39	1492	1903	720	953
<b>Z40H Z41Y-64</b>	<b>Z40 Z41Y-64P</b>	<b>Z40 Z41Y-64R</b>	<b>Z40 Z41W-64P</b>	<b>Z40 Z41W-64R</b>	<b>Z40 Z41Y-64I</b>	<b>(KZ41Y)</b>							
20	190	130	90	56	51	20	2	4	4-18	258	288	180	8
25	210	140	100	65	58	24	2	4	4-18	310	341	200	12
32	230	155	110	76	66	24	2	4	4-22	320	353	200	25
40	240	170	125	84	76	26	2	4	4-22	360	389	240	29
50	250	180	135	99	88	26	2	4	4-22	372	448	280	34
65	280	205	160	118	110	26	2	4	8-22	395	475	280	43
80	310	215	170	132	121	28	2	4	8-22	458	553	320	60
100	350	250	200	156	150	30	2	4.5	8-26	553	679	360	89
125	400	295	240	184	176	34	2	4.5	8-30	638	779	400	140
150	450	345	280	211	204	36	2	4.5	8-33	718	893	450	207
200	550	415	345	284	260	42	2	4.5	12-36	873	1100	560	325
250	650	470	400	345	313	46	2	4.5	12-36	1053	1332	640	467
300	750	530	460	409	364	52	2	4.5	16-36	1203	1535	640	590
<b>Z40H Z41Y-100</b>	<b>Z40 Z41Y-100P</b>	<b>Z40 Z41Y-100R</b>	<b>Z40 Z41W-100P</b>	<b>Z40 Z41W-100R</b>	<b>Z40 Z41Y-100I</b>	<b>(KZ41Y)</b>							
25	210	140	100	65	58	24	2	4	4-18	310	341	200	12
32	230	155	110	76	66	24	2	4	4-22	320	353	240	20
40	240	170	125	84	76	26	2	4	4-22	360	389	280	51
50	250	195	145	99	88	28	2	4	4-26	490	558	360	60
65	280	220	170	118	110	30	2	4	8-26	540	622	400	70
80	310	230	180	132	121	32	2	4	8-26	573	671	400	89
100	350	265	210	156	150	36	2	4.5	8-30	575	671	400	130
125	400	315	250	184	176	40	2	4.5	8-33	744	892	560	223
150	450	355	290	211	204	44	2	4.5	12-33	800	972	560	295
200	550	430	360	284	260	52	2	4.5	12-36	800	972	560	559
250	650	505	430	345	313	60	2	4.5	12-39	1050	1305	640	640
300	750	585	500	409	364	68	2	4.5	16-42	1208	1506	640	730
<b>Z40H Z41Y-160</b>	<b>Z40 Z41Y-160P</b>	<b>Z40 Z41Y-160R</b>	<b>Z40 Z41W-160P</b>	<b>Z40 Z41W-160R</b>	<b>Z40 Z41Y-160I</b>	<b>(KZ41Y)</b>							
15	170	105	75	46	40	26	2	4	4-14	230	250	200	8
20	190	130	90	56	51	30	2	4	4-18	260	288	200	9
25	210	140	100	65	58	32	2	4	4-18	280	310	280	13
32	230	155	110	76	66	34	2	4	4-22	312	350	320	20
40	240	170	125	84	76	36	2	4	4-22	350	395	320	32
50	300	195	145	99	88	38	2	4	8-26	512	612	360	73
65	340	220	170	118	110	42	2	4	8-26	260	677	360	110
80	390	230	180	132	121	46	2	4	8-26	585	686	400	141
100	450	265	210	156	150	52	2	4.5	8-30	631	751	450	185
125	525	315	250	184	176	56	2	4.5	8-33	723	868	560	320
150	600	355	290	211	204	62	2	4.5	12-33	820	997	640	462
200	750	430	360	284	250	66	2	4.5	12-36	990	1224	720	711