



Main parts and materials / Standards

Body	A105
Bonnet	A105
Seat	2Cr13/1Cr13+STL.6
Disc	2Cr13/1Cr13+STL.6
Stem	1Cr13
Design	API-602-2015
Connection Method	ASME B16.5-2017
Face to face	ASME B16.10-2017
Test	API 598-2016

Use: The valve is mainly used for petroleum, chemical, power plant and other industries, cut off or connect the medium in the pipeline, generally do not need to adjust the flow.

Function And Specification

Model	Nominal pressure(Mpa)	Test pressur (Mpa)		Applicable temperature (° C)	Applicable media
		Strength (Water)	Seal (Water)		
Z41H/Y-150LBC	2.0	3	2.2	-29~425°C	Water, Steam, Oil
Z41H/Y-300LB	5.11	7.7	5.7	-29~425°C	Water, Steam, Oil
Z41H/Y-600LB	10.21	15.4	11.3	-29~425°C	Water, Steam, Oil
Z41H/Y-900LB	15.32	23	16.9	-29~425°C	Water, Steam, Oil
Z41H/Y-1500LB	25.53	38.3	28.1	-29~425°C	Water, Steam, Oil

Outline And Connecting Measurement

Model	Size									
	DN	L	D	D1	D2	Z×Φd	b-f	Hmin	Hmax	ΦD0
Z41H/Y-150LBC	1/2"	108±1.5	90	60.3	34.9	4-φ15.9	1.6-11.2	142	158	Φ100
	3/4"	117±1.5	100	69.9	42.9	4-φ15.9	1.6-12.8	144	159.5	Φ100
	1"	127±1.5	110	79.4	50.8	4-φ15.9	1.6-14.3	170	191	Φ120
	1 1/4"	140±1.5	115	88.9	63.5	4-φ15.9	1.6-15.9	199	225.5	Φ160
	1 1/2"	165±1.5	125	98.4	73	4-φ15.9	1.6-17.5	214	248	Φ160
Z41H/Y-300LB	2"	178±1.5	150	120.7	92.1	4-φ19.1	1.6-19.1	244.5	286.5	Φ180
	1/2"	140	95	66.7	34.9	4-φ15.9	1.6-14.3	142	158	Φ100
	3/4"	152	115	82.6	42.9	4-φ19.1	1.6-15.9	144	159.5	Φ100
	1"	165	125	88.9	50.8	4-φ19.1	1.6-17.5	165.5	188.5	Φ120
	1 1/4"	178	135	98.4	63.5	4-φ19.1	1.6-19.1	199	225.5	Φ160
Z41H/Y-600LB	1 1/2"	190	155	114.3	73	4-φ22.4	1.6-20.7	214	248	Φ160
	2"	216	165	127	92.1	8-φ19.1	1.6-22.3	244.5	286.5	Φ180
	1/2"	165	95	66.7	34.9	4-φ15.9	6.4-20.7	142	158	Φ100
	3/4"	190	115	82.6	42.9	4-φ19.1	6.4-22.3	144	159.5	Φ100
	1"	216	125	88.9	50.8	4-φ19.1	6.4-23.9	165.5	188.5	Φ120
Z41H/Y-900/1500LB	1 1/4"	229	135	98.4	63.5	4-φ19.1	6.4-27.1	199	225.5	Φ160
	1 1/2"	241	155	114.3	73	4-φ22.4	6.4-28.7	214	248	Φ160
	2"	292	165	127	92.1	8-φ19.1	6.4-31.8	244.5	286.5	Φ180
	1/2"	216	120	82.6	34.9	4-φ22.4	6.4-28.7	168	183	Φ120
	3/4"	229	130	88.9	42.9	4-φ22.4	6.4-31.8	170	186	Φ120
Z41H/Y-900/1500LB	1"	254	150	101.6	50.8	4-φ25.4	6.4-35	202	222.5	Φ160
	1 1/4"	279	160	111.1	63.5	4-φ25.4	6.4-35	215	241.5	Φ160
	1 1/2"	305	180	123.8	73	4-φ28.6	6.4-38.2	273	300	Φ180
	2"	368	215	165.1	92.1	8-φ25.4	6.4-44.5	285	327	Φ200