



Main parts and materials / Standards

Body/Bonnet	A105
Seat	2Cr13/1Cr13+STL.6
Disc	2Cr13/1Cr13+STL.6
Stem	1Cr13
Design	API-602-2015
Socket weld connection	ASME B16.11-2016
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)		
Z61H/Y-150LBC	2.0	3	2.2	-29~425°C	Water, Steam, Oil
Z61H/Y-300LB	5.11	7.7	5.7	-29~425°C	Water, Steam, Oil
Z61H/Y-600LB	10.21	15.4	11.3	-29~425°C	Water, Steam, Oil
Z61H/Y-800LB	13.62	20.4	15	-29~425°C	Water, Steam, Oil
Z61H/Y-900LB	15.32	23	16.9	-29~425°C	Water, Steam, Oil
Z61H/Y-1500LB	25.53	38.3	28.1	-29~425°C	Water, Steam, Oil

Outline And Connecting Measurement

Model	Size						
	DN	L	A	B	Hmin	Hmax	ΦD0
Z61H/Y-150/300 600/800LBC	1/2"	79	9.5	21.8	142	158	Φ100
	3/4"	92	12.5	27.2	144	159.5	Φ100
	1"	111	12.5	33.9	165.5	188.5	Φ120
	1 1/4"	120	12.5	42.7	199	225.5	Φ160
	1 1/2"	120	12.5	48.8	214	248	Φ160
	2"	140	16	61.2	244.5	286.5	Φ180
Z61H/Y-900/1500LB	1/2"	111	9.5	21.8	168	183	Φ120
	3/4"	111	12.5	27.2	170	186	Φ120
	1"	120	12.5	33.9	202	222.5	Φ160
	1 1/4"	120	12.5	42.7	199	225.5	Φ160
	1 1/2"	140	12.5	48.8	214	248	Φ180
	2"	178	16	61.2	244.5	286.5	Φ200