










PART III SAFETY VALVE / RELIEF VALVE

NAME	PRESSURE	MATERIAL	PICTURE
900 Series DIN Spring loaded Pressure Safety Valve	PN40/16	1.0619+N,1.4408	
double port high lift safety valve	14-40 kg/cm ² 21-12 kg/cm ² -17.5 kg/cm ²	Cast Carbon Steel	
A46F/H/Y Pilot-operated Pressure Relief valve (A46 Safety Valve)	GB/T12224-2005	WCB	

Model	Temperature	Medium	Picture	Type
A40Y Cast Steel Body	≤400℃	Air, Petroleum Gas, Mixture of N ₂ & H ₂		Full Lift-Closed Bonnet with heat radiator
A40Y 1Cr5Mo Body	≤450℃	Air, Petroleum Gas, Mixture of N ₂ & H ₂		Full Lift-Closed Bonnet with heat radia
A48SH-Cast Steel	≤425℃	Steam		Full Lift-Open Bonnet-with Lever-high temperature
A48SH 1Cr5Mo	≤510℃	Steam		Full Lift-Open Bonnet-with Lever-high temperature
A48SH 12CrMoV	≤550℃	Steam		Full Lift-Open Bonnet-with Lever- high temperature
A27H	≤200℃	Water, Air, Steam		Low Lift- closed Bonnet-with lever
A27Y	≤200℃	Corrosive medium		Low Lift- closed Bonnet-with lever

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A44Y	≤300℃	Air, Steam, Petroleum		Full Lift-Closed Bonnet-with lever
A44Y	≤200℃	Corrosive medium		Full Lift-Closed Bonnet-with lever
A28H	≤200℃	Air, Steam, Water, Mixture of N ₂ & H ₂		Full Lift- closed Bonnet-with lever
A28Y	≤200℃	Corrosive medium		Full Lift- closed Bonnet-with lever
A41H	≤300℃	Petroleum, Air, Water		Low Lift- closed Bonnet
A41Y	≤200℃	Corrosive medium		Low Lift- closed Bonnet
A47H	≤350℃	Steam, Air		Low Lift-Open Bonnet-with lever
A47Y	≤350℃	Steam, Air		Low Lift-Open Bonnet-with lever
A42Y	≤300℃	Air, Petroleum gas, Liquid		Full Lift-Closed Bonnet
A42Y	≤200℃	Corrosive medium		Full Lift-Closed Bonnet
A48Y	≤350℃	Steam, Air		Full Lift-Open Bonnet-with lever
A37H A38Y A43H	≤350℃	Steam, Air		Twin Type
A42F	-29~80℃	LPG or similar non-corrosive medium		Full Lift-Closed Bonnet
A42Y	≤200℃	Air,, Mixture of N ₂ & H ₂		Full Lift-Closed Bonnet with high pressure.
A42Y	≤200℃	Corrosive medium		Full Lift-Closed Bonnet with high pressure.