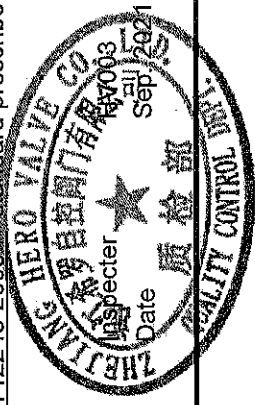


ZHEJIANG HERO VALVE CO., LTD.

Product test and inspection sheet

2x 3" (PN40) / 2014 Safety Valve

Product Name		Spring type		Nominal Pressure	
Product Type	A902-40C	Pressure Class	PN 4.0MPa	Pressure Class	2.0-2.5MPa
Product NO.		Opening Pressure	2.0MPa		
Specification	DN50X80	Emissions Pressure	2.06MPa		
Pipeline Diameter	40	Closing Pressure	1.8MPa		
Opening Altitude	10	Displacement Coefficient	S=0.75		
Fix Medium	AIR/STEAM	Suitable Temperature	≤350℃		
Checkout item	Request	Result			
Main coupling dimension	Base DIN2543-2000 Standard	Accord			
Spring	Wearly experiment&Rigidity examination	Eligibility			
Body intensity experim	1.5PN(Experiment Medium: Water)	Eligibility			
Open pressure experiment	2.0MPa±3% (Experiment Medium: Air)	Eligibility			
Leak-proof experiment	<input checked="" type="checkbox"/> Enclosed type: ≤20 air bubble/min(Medium: Air) <input type="checkbox"/> Windowing type: The pressure Gauge reading have not fallen and not to have divulging	Eligibility			
This product conform to design and GB/T12243-2005 standard prescribe test eligibility, quality leave factory.					



Main Part Material Chemistry Component

Part Name	Material	C	Si	Mn	P	S	Cr	Ni	V
Body	WCB	0.21	0.43	0.52	0.02	0.018	0.42	0.032	0.022
Disc	304	0.043	0.47	0.83	0.019	0.017	18.12	8.10	
Spring	50CrVA	0.49	0.25	0.25	0.018	0.017	0.85	0.22	0.13

Main Part Material Machine Capability

Part Name	Resist Draught σ b/MPa	Bend Point σ s/MPa	Elongate Rate σ (%)	Resist Draught ψ (%)	V
Body	495	260	28	42	
Disc	536	226	39	70	
Spring	1295	1145	22	58	
Note					