

Welcome to HEARKEN

Actuators and Controls

**Hearken
Here We
Can**

The Trusted, Passionate and focused Partner in Valve Automation

At HEARKEN FLOW, The founding principle of Hearkenflow is simple: to Listen our customers needs first, to develop the innovative valve actuators solutions , to meet the unique needs of our customers, Along the way, To help our customers to solve the problems in Valve Automation. We are growing our brand in Pneumatic and Electric Actuators, Accessories..



Experienced team



Large inventory



Convenient consultation

WHY WE ARE DIFFERENT

We offer a complete valve automation solution by the applications experience and customization capabilities, with an experienced support team to guide you in selection, installation, and project support. In addition we maintain an extensive supply of product inventory on hand so that we can quickly fulfill orders and reduce wait times. Our sales and support staff are readily available and accessible so that customers get the answers they need quickly.

THE TARGET WE ARE PURSUING



High-quality



low cost



Reliable solution

- To built A strong Reputation in Providing Quality, Cost Effective , Reliable And Robust Performance Solutions for Valve Automation,
- Included Pneumatic Actuators, Electrically Actuators, Actuated Valves.



COMMITMENT TO QUALITY

At HEARKEN FLOW means performance, All products manufactured by HEARKEN FLOW are warranted against defects in material and workmanship for a period of 18 months from the day of startup. Each of our products are tested at the factory. we are confident that our products meet or exceed all applicable standards before they ever leave our facility. We are an ISO 9001-2008 certified company. Our Valve Actuators Has Applied for SIL3 Certificate, ATEX Certificate ,CE, Explosion-proof Certificate, IP68 Weather proof etc....

Sanitary Pneumatic Actuated Ball Valve

Tri-clamp Type

Description



Sanitary pneumatic ball valves have all gone through a precise inspection process and strict quality management, and the flow channels have been precisely polished and sterilized. The valve body is made of stainless steel; the inner wall of the flow channel is electronically polished to 0.5um (240Grit) to keep the fluid flowing smoothly; the sealing surface is made of fully enclosed PTFE with no dead corners, ensuring hygiene and easy cleaning; the two ends are connected by clamps for easy disassembly, cleaning and maintenance. Sanitary pneumatic ball valves are widely used in beer engineering, food engineering, chemical engineering, pharmaceutical engineering, bioengineering and water treatment engineering.



Main Product Features



- The aperture size of the sanitary pneumatic ball valve is consistent with the pipeline, and no sediment is generated. Fire safe design approved
- The inner wall of the flow channel of the sanitary pneumatic ball valve is polished with 240Grit to ensure that the flow channel is unobstructed. Pressure balance hole in ball slot
- The sanitary pneumatic ball valve uses a fully enclosed PTFE seal with no dead corners and is easy to clean.

Approvals ATEX, CE, SIL

All valve and actuator packages are tested and issued with certification confirming the actuators functionality before despatch.

Performance Features



HPA Pneumatic Actuators

(SR) Single acting Spring return (DA) Double acting

Actuator Size	DA32 ~ DA400 / SR52 ~ SR400
Air Pressure	2.5 to 8 bar (Based on 5.5 bar air supply as standard)
Ambient Temp	-15 to 80°C (Low and high temp versions also available)
Cycle Life	500,000 Operations 1,000,000 Operations available
Indicator	Multifunctional position indicator for visual inspection
Travel Stops	External adjustable ± 5% in both open & closed position
Body	Hard anodised extruded aluminum alloy
Springs	High tensile steel
Piston Seals	NBR Steel
Piston	Aluminium alloy
End Caps	Die cast aluminum epoxy coated
Pinion shaft	Alloy steel nickle plated

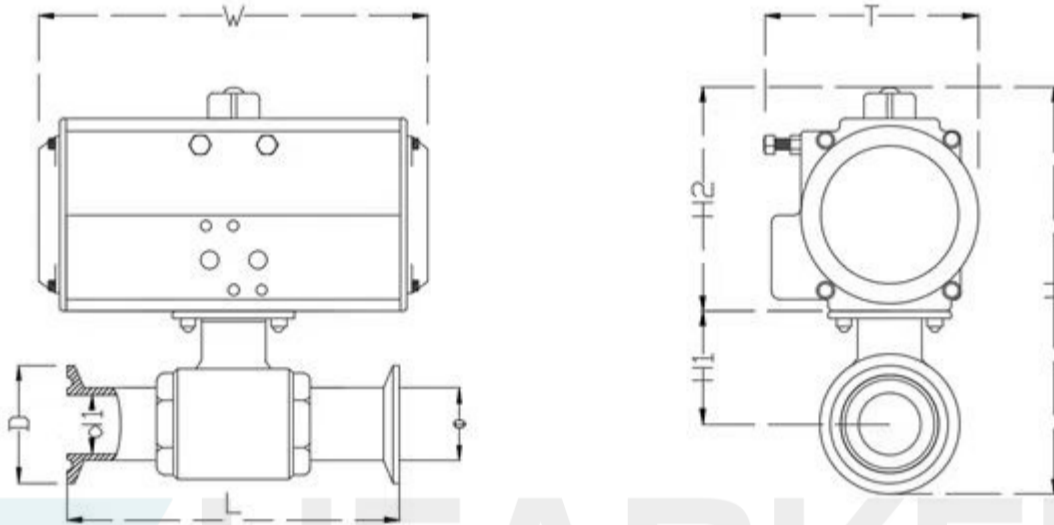
Actuator Accessories

HVM	Valve Position Monitor (Limit Switchboxes)
4M310	NUMAR Solenoid Valves
HDM	Declutch Manual Override
YT Model	Pneumatic positioner / pneumatic pneumatic positioner
AFC2000	Air filter

Ball Valves

Function	On/Off or Modulating
Material	
Body	304/316/316L Stainless Steel
Handle	ABS
O-ring	PTFE
Technical Data	
Size	19~102MM
Standard	DIN JIS ANSI UNIVERSAL
Connect Way	Tri-clamp
Benefits	
Safe and sanitary	
Good sealing	
Long service life	
Features	
ISO 5211 Mounting Pad	
Standard Lockout Handlever	
Options	
Electric or Pneumatic Actuators	

Basic Ball Valve Outline Dimension(Unit:mm)



Ball Valve with Electric Actuator

Model	Actuator	D	d1	W	L	H	H1	H2	T	Weight
φ 19	HPA052DA/HPA063SR	50.5	16	147	100	44	44	100	72	1.93
φ 25	HPA052DA/HPA063SR	50.5	22	147	105	44	44	100	72	1.96
φ 32	HPA052DA/HPA063SR	50.5	29	147	120	50	50	100	72	2.13
φ 38	HPA063DA/HPA075SR	50.5	35	168	136	57	57	116	85	3.12
φ 45	HPA063DA/HPA075SR	64	42	168	145	60	60	116	85	3.58
φ 51	HPA063DA/HPA075SR	64	48	168	160	65	65	116	85	3.92
φ 57	HPA075DA/HPA083SR	77.5	53	184	162	73	73	126	95	4.83
φ 63	HPA075DA/HPA083SR	77.5	58	184	170	80	80	126	95	5.18
φ 76	HPA083DA/HPA092SR	91	72	204	195	90	90	136	105	8.36
φ 89	HPA092DA/HPA105SR	106	85	262	235	110	110	145	110	11.58
φ 102	HPA125DA/HPA140SR	119	97	301	270	130	130	195	140	16.5

**Best
Prices**

**Best
Brands**

**Best
Service**





WEB



WECHAT

We learn to speak in three years,
But it takes a lifetime to learn to “ HARKEN ”



Manufactures a wide range of Pneumatic actuators,electric actuators and accessories of
Limit switchbox, Solenoid valve, Manual override, E/P positioner for quarter Multi-turn valves...

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