

H-6800 series

High Performance Ball Valves



SUMMARY

The H6800 Series, a high-performance (Pressure & Temperature) instrumentation ball valve for general service and instrumentation panels. The prominent H6800 series is a product of choice due to its notable features and characteristics which provides the optimal solution for each application easily and efficiently.

Features & Benefits

- Service - High cycle and great leak integrity.
- Fugitive Emissions - ISO15848 highest class (CO5) certified.
- Flexibility - Versatile connections and flow patterns (Straight, Angle, 3- way)
- Flow - Full bore (OD 1/4" and OD 1/2")
- Ease of use - Low operating torque, panel mount, easy maintenance
- Compact – Low profile and small actuators.
- Application Coverage – Wide temperature-pressure range and excellent chemical compatibility.
- Wide Variety of Options- Colored handles, Safety lockable handles, Air operated for all straight, angle and 3-way port configurations.

Differentiation Advantage Value

Flexibility

D: The design of H6800 series (three pieces: body and two connection), provide variety of end connection and flow patterns (Straight, Angle, 3- way).

A: Thanks to H6800 flexible design, the customer can select a valve that will perfectly suit his application. H6800 series have wide range of ends connection: Let-Lok®, M/FNPT, ISO parallel, ISO Tapered, Metal Gasket Face seal, One-Lok Tube Fittings, etc.
For example: the customer request inlet connection of male ISO parallel and outlet connection of Metal Gasket Face seal. While other manufactures shall require a high price for this type of valve. Ham-Let's assembly department will simply fit and assemble the connection on the valve.

V: Short delivery time, Leak test of 100% according to MSS-SP99, Reduced service cost.

Differentiation Advantage Value

Low Operating Torque

D: H-6800 low torque of operation, requires relatively small actuator.

A: Simple mounting connection kit on the valve body without fixtures to the valve, and smaller actuator.

V: Simple, compact and reduce cost of ownership with actuated package.

Fugitive Emissions Free – ISO15848 certified

D: The H-6800 series are compatible to ISO 15848 standard. “Industrial valves Measurement, test and qualification procedure for fugitive emissions”.

A: Most of our competitors are not certified for this standard. End users and EPC companies will not list a product on their specification without this standard in relevant applications.

V: Low life cycle cost, Reduces environment pollution fines, due to its minimal leakage to the atmosphere.



ISLT lockable

D: Our ISLT (Integral Safety Lock-out Tag-out) compact patented handle allows simple application of valve lock and tagging policy.

A: Cost Effective solution, more price attractive than competing products.

V: Simple & compact, enables quick and safe operational utilities and use.



	HAM-LET® H-6800	Swagelok® 40,SK,AFS	Parker MB,M
ISO 15848 Standard Certified	Published in the catalog	Not mentioned in the catalog/web	Not mentioned in the catalog/web
Actuation	Compact. Face to Face: HPA model A1 <ul style="list-style-type: none"> • Double acting – 76.8mm (3.02") • Spring return – 96.5mm (3.8") 	Face to Face: Swagelok® model A10 <ul style="list-style-type: none"> • Double acting – N/A • Spring return – 118 mm (4.65") 	Face to Face: Parker model 61 <ul style="list-style-type: none"> • Double acting – N/A • Spring return – 118.1mm (4.65")
ISLT Handle	Simple, Easy to operate	Big, Need special adapter	Need special adapter
MAWP and MAWT	MAWP 6,000 psi MAWT 260°C	40 series <ul style="list-style-type: none"> • MAWP 3,000 psi • MAWT 148°C SK series <ul style="list-style-type: none"> • MAWP 6,000 psi • MAWT 150°C AFS series <ul style="list-style-type: none"> • MAWP 6,000 psi • MAWT 121°C 	MB series <ul style="list-style-type: none"> • MAWP 3,000 psi • MAWT 149°C M series <ul style="list-style-type: none"> • MAWP 6,000 psi • MAWT 232°C