

DAV-H6800
April 16, 2019

H6800 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.

Low operating torque

D: H6800 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 H6800 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 H6800	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