

FHK SERIES vs. COMPETITIVE ISO B SERIES

FOSTER 1/8" TO 1" FHK SERIES | COMPATIBLE WITH ISO 7241-1, SERIES B





- 27" Hg. Maximum Rated Vacuum Pressure
- Broad Range of Metals and Seal Materials Allow the Use of Most Media
- Multiple Finish Options
- Greater Wear Resistance

Competitive ISO B Series Foster FHK Series Radiused holes for the locking balls: Tapered hole: • Larger contact area (65%) · Minimal ball contact Greater wear resistance and · Minimum line contact longer life decreases coupling life · Distributes the load while **Larger Contact Area** providing alignment Minimum Line Contact **Provides Greater Wear** · Swiveling action reduces hose **Decreases Coupling Life** Resistance and Longer torque and prolongs hose life Coupling Life. Vacuum Performance: Vacuum Performance: Hold minimum 27" Hg for two hours with no · No published data indication of vacuum decay (test temp = 71° F) **HVS Option: Standard Spring:** • "Kick" when disconnecting from the valve springs Premium purchase required for near equal pushes the halves apart as the valves race to their performance to standard Foster product shut-off positions.





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Foster FHK Series	Competitive ISO B Series
 1/8" Body Size in Brass Performance: New design provides 37% higher flow rate 	HF Option: Premium purchase required for near equal performance to standard Foster product
 Canadian Registration Number (CRN) for the Entire Offering: The Canadian Registration Number (CRN) is a number issued by each province/territory of Canada to the design of pressure-containing equipment. The CRN identifies that the design has been accepted and registered for use under that province/territory Our CRN certificate is to 400°F Ontario = OH20062.5 • British Columbia = OH20062.51 Quebec & Saskatchewan = CSA-0H20062.56 	Loss of CRN during 2018: Originally expired May 24, 2017 Received an extension to November 24, 2017 Received a third extension to February 10, 2018 Received a new certificate on May 29, 2018, but only to 250°F
Conical Valve Design: 360° metal-to-metal valve stop maintains valve alignment and ensures that poppets open fully every time	Not Available
Multiple finish options: • Electroless nickel • Bright nickel • Black zinc oxide • RoHS compliant zinc clear	Not Available
Straight Body – Benefit: • Bodies can be threaded for bulk head mounting • Valid for all material types, not just brass & SS	Tapered Body: • Bulk head mounting is not an option
Manufactured in an ISO 9001:2015 Certified Facility in Springfield, MO USA: • Ensures highest product quality and standards compliance • Guarantees product availability and supports fast shipment	International sourcing with assembly in Mexico
Customer Service: • Located in the plant of manufacture in Springfield, MO USA	Customer Service: • Split between Hydraulics HQ in USA and India

