

HK Series Series (Stainless Steel)

ISO 7241-1 B Interchange



Eaton's HK stainless steel is a general purpose industrial interchange coupling available in valved or non-valved designs, offered in 303/316 grades of stainless steel for excellent corrosion resistance in rugged applications. The HK Series features a ball latch mechanism with automatic self-sealing poppet valves.

Product Features

- Meets dimensional requirements to ISO standard 7241-1 Series B
- 303/316 Stainless steel construction for greater corrosion resistance and fluid compatibility
- Self-sealing poppet valves provide excellent high and low pressure sealing
- Standard body material: 303 or 316 Stainless Steel
- Standard seal material: Buna-N
- Seal options available in PTFE, Neoprene, FKM, EPDM, and Kalrez®

Physical Characteristics

Series	Body Size	ISO Size	Nominal Flow Diameter	Max. Operating Pressure		Rated Flow*		Air Inclusion	Fluid Loss
				Non hazardous liquids & gases Group 2	Hazardous liquids & gases Group 1				
	(in)	(mm)	(mm)	(bar)	(psi)	(bar)	(psi)	cc. max.	cc. max.
11K	1/4	6	4.4	344	5,000	344	5,000	3	0.6
21K	1/4	6.3	5.8	285	3,700	285	3,700	12	3
31K	3/8	10	7.8	255	3,700	255	3,700	23	6
41K	1/2	12.5	10	203	4,250	203	4,250	45	12
51K	3/4	20	17	242	3,500	242	3,500	100	28
61K	1	25	19.8	207	3,000	207	3,000	180	50
101K	1 1/2**	—	28.7	118	1,700	97	537	288	78
121K	1 1/2	40	35.1	152	2,200	29	421	375	99
201K	2 1/2	50	46	104	1,500	21	305	757	200

* For questions related to vacuum please contact Eaton.

** No ISO Standard available for the 101K

Applications & Markets

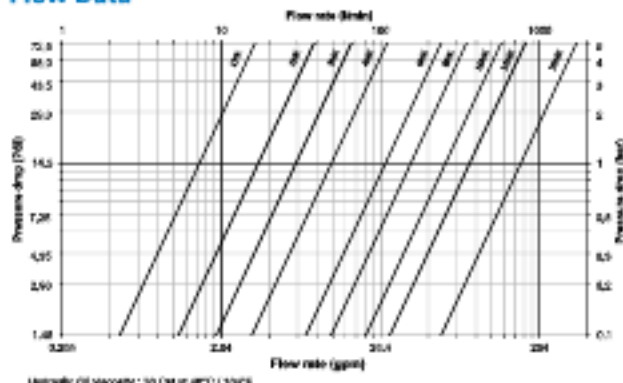
- Agriculture
- Hydraulic Tool
- General Industry
- Construction
- Fluid Transfer
- Transportation
- Military
- Law Enforcement/Rescue
- Chemical
- Oil and Gas
- Consumer Products
- HVAC
- Food and Beverage
- Trucks
- Aerospace
- Medical

European Pressure Equipment Directive

Couplings with nominal diameters up to and including 25 mm are designed and manufactured under Article 3.3 of the European Pressure Equipment Directive 97/23 EC. Couplings with nominal diameters greater than 25 mm are designed and manufactured in accordance with stipulations of Module A of the European Pressure Equipment Directive 97/23 EC. They should not be used to convey unstable gases.

Group 1 = Hazardous media / Group 2 = Other media

Flow Data



Seal Elastomer Data*

Seal Elastomer	Max. Operation Temperature Range
Buna-N	-40°C to +121°C / -40°F to +250°F
Neoprene	-54°C to +102°C / -65°F to +212°F
EPDM	-54°C to +149°C / -65°F to +300°F
FKM	-23°C to +204°C / -15°F to +400°F

*For reference only, based on Eaton recommended temperatures. Contact Eaton technical support for further information on fluid compatibility.