

Linde HQK Series - Bayonet Connection

The Linde HQK Bayonet is designed for Liquid Hydrogen (LH2) connections on Trailer Hoses, Tankers, and Transport Vessels.

There are many options when it comes to connections for Vacuum Insulated Piping (VIP) systems. The most popular and efficient option are bayonet connections (also known as a Johnston Couplings). These connections must be placed strategically to allow for transportation and installation at your facility.

Our bayonet connection consists of a male and female connector that can be easily installed without any field welding or unique training. With its' nosesal design, the HQK bayonet is ideal for hydrogen filling applications.

Features:

- Designed for use in vertical and horizontal positions.
 - Male bayonet points down in vertical position.
- Design Temperature of -423 °F (-252.78 °C/20.37K).
- MAWP 250 PSIG (17.24 Bar).
- All internal components leak tested to 1×10^{-9} std cc/sec.
- 304/L Stainless Steel Material (316 Optional), Viton O-Ring.

Benefits:

- Fast and easy installation that does not require any field welding.
 - Allows for easy assembly and disassembly.
- No specific installer training required.
- Proven industry standard connection.



2" HQK Series

Technical Data:

Part Number	Description
CP05194	Bayonet, 2" Male, Linde HQK (304/L)
CP05195	Bayonet, 2" Female, Linde HQK (304/L)
CP05197	Handwheel & V-Band Clamp, 2" Linde HQK
CP05198	O-Ring, Viton #2-234
CP05236	Noseal, 2" Male Linde HQK
CP05196	Dust Cover, Covers Male, SS, 2" Linde HQK
CP05237	Dust Cover, Covers Female, SS, 2" Linde HQK

