

LYNX Series Bottom-Loading Coupler

Not Just Better In Every Way. The Best In Every Way.

LYNX Series Coupler – The Best in Bottom Loading

LYNX is optimized to bring your liquid terminals and tank trucks the very best in dry-break API technology. From its ultra-durable stainless-steel collar to its ability to protect your loading-arm connection even when facing surge pressures up to 500 psi, you can count on LYNX for years of service and to help minimize fluid loss.

Fast Disassembly, Less Downtime

If you have 30 seconds and a screwdriver, you can disassemble LYNX. Thanks to a U-pin design, loading-arm operators can perform coupler maintenance without special tools and do it quickly.



LYNX Series Coupler

Features

- 5-Year Warranty
- Fast in-field replacement of the main seals, on or off the arm
- Quick and easy disassembly of entire coupler through U-pin design
- Automatic latching

- U-pin is secured when the TTMA flange is fastened to prevent the pin from coming out during service
- A variety of seals available to suit a range of applications
- Two operating handle sizes to suit customer preference
- Four “true-interlocking” stainless-steel latches ensure secure coupling and maximum safety
- High-quality components including a stainless-steel collar and hard anodized aluminum body for increased service durability and life
- Nominal product leakage during disconnect increases site safety
- Low risk of leakage because of a proven seal design
- Ergonomic operating handle and carry loop results in less physical strain on users

Technical

Handle Length	Short 5.9" (150mm) or Long 7.8" (200mm)
Seals	Viton B, Viton GFLT, Nitrile/Buna, Fluorosilicone, FFKM
Max Working Pressure	80 psi (5.5 bar) (550 kPa)
Product Test Pressure	119 psi (8.2 bar) (820 kPa)
Design Pressure	363 psi (25 bar) (2500 kPa)
Max Surge Pressure	493 psi (34 bar) (3400 kPa)
Operating Temperature	Viton B70: -4°F to 176°F (-20°C to 80°C); Viton GFLT: -20°F to 140°F (-29°C to 60°C); Nitrile/Buna: -40°F to 212°F (-40°C to 100°C); Fluorosilicone: -49°F to 350°F (-45°C to 177°C); FFKM: -40°F to 140°F (-40°C to 60°C)
Design Standard	API RP 1004 8th EDITION 2003 - Bottom Loading and Vapour Recovery; AS5602-2009
Dismantling	Removal of one U-pin enables the shaft assembly and main poppet to be withdrawn
Mounting	<ul style="list-style-type: none"> • By industry standard 4" (100 mm) TTMA Flange • 8 holes Ø7/16" on 5.8" PCD, 6.6" outside diameter (Ø11 mm on 149 mm PCD, 168 mm OD)

	<ul style="list-style-type: none">• Use spring washers when mounting coupler as per common industry practice
Adjustment or Service	Refer to Maintenance Instructions document
Weight	19 lbs. (8.6 kg.)