



EMCO
WHEATON

Introducing the **J0453 API Coupler**

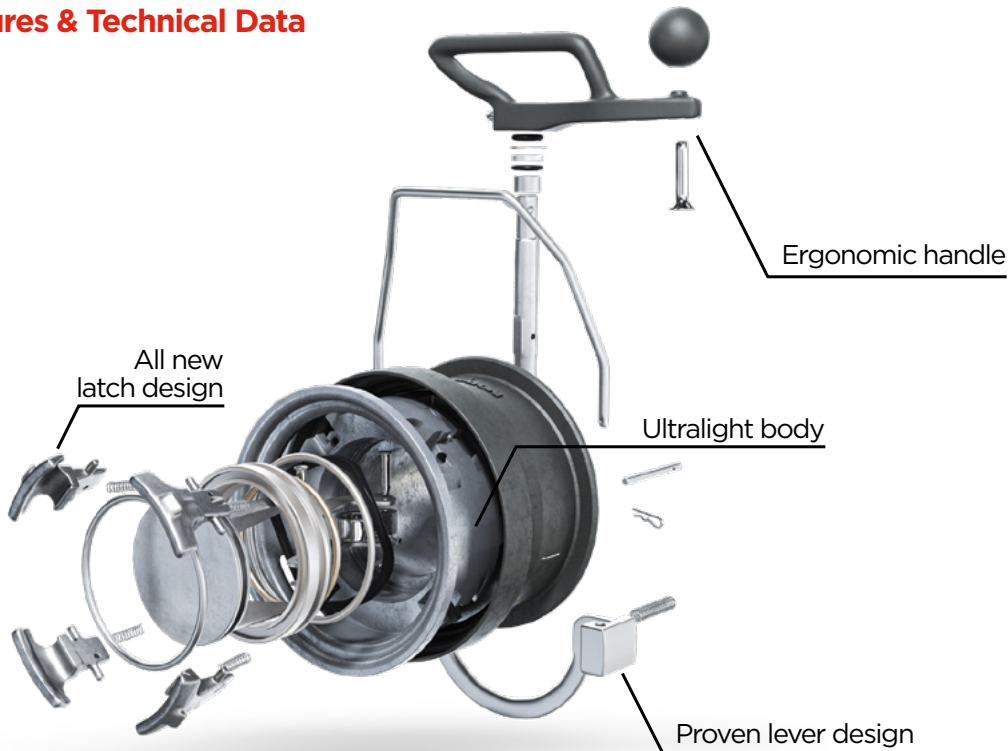
We assembled our global team of expert engineers to rethink how API couplers could be safer, more efficient, and easier to use in the most demanding terminal environments. Now, real change is here - meet the J0453 API Coupler, a revolutionary product that achieves.

Key Benefits

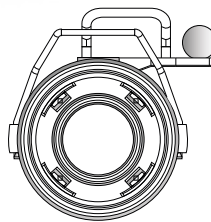
- ✓ Up to **50% less** maintenance downtime
- ✓ **Improved environmental and operator safety** with an optional integrated pump to further reduce disconnect leaks
- ✓ **Variety of seals** available to suit a range of applications.
- ✓ Greatly **reduced weight** with improved ergonomics
- ✓ **Easier sealing maximises safety** of complex loading applications
- ✓ **FFKM** option for universal chemical resistance for aggregative chemical applications such as MTBE



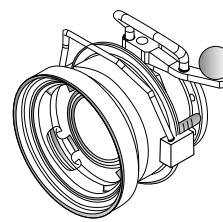
Features & Technical Data



The Emco Wheaton range of API couplers are designed to incorporate maximum safety, while ensuring low-pressure drop, and hence high flow, and combining easy maintenance with a long service life. Every coupler in Emco Wheaton's range meets the recognised international standards and industry codes of practice.



Front view

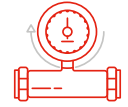


Isometric View

| Specifications | |
|-----------------------|--|
| Dimensions | 227 x 270 x 178 mm |
| Weight | 7.10 kg |
| Max. Working Pressure | 16 bar (230 psi) |
| Product Test Pressure | 25 bar (360 psi) |
| Design Standard | API RP 1004 |
| Mounting | 4" (100mm) TTMA Flange |
| Handle Length | 181mm |
| Options | Pump, sensor, product ID sensor and handle options |

| Variants |
|--|
| 4" API Coupler, Viton (FKM) |
| 4" API Coupler, Buna (NBR) |
| 4" API Coupler, Low Temp, Viton (GFLT) |
| 4" API Coupler, FFKM |
| 4" (100mm) TTMA Flange |

Other variants available on request



Working pressure increased to 16 bar, with test pressure of 25 bar



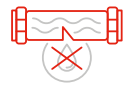
Improved ergonomics, ensuring the operator experiences an easier coupling operation



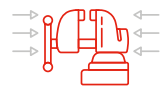
Up to 50% quicker service times



Lowest weight for an API Coupler at just 7.1 kg



Get rid of disconnect spills



Smoother coupling operation thanks to low engagement force, while providing a secure coupling



Conforms to API RP1004 for compatibility with API adapters

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