

# Connect to high performance

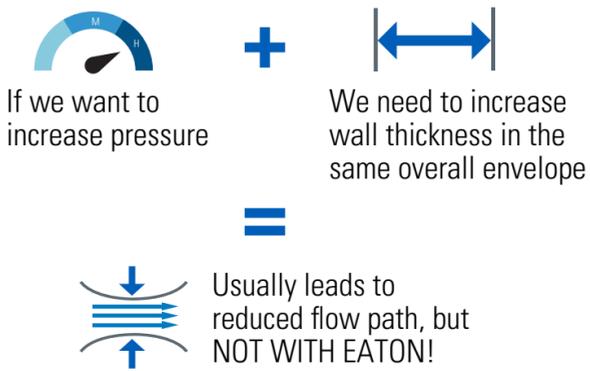
As hydraulic systems are asked to do more – lift heavier loads, move faster, steer more precisely – system pressure is rising while engine compartments are shrinking. Flat Face Series Quick Disconnect Couplings are designed to connect top performing hydraulic lines without fluid loss in machines, and they do it in an outstanding way to improve efficiency. With market leading flow and pressure rates, outstanding corrosion resistance and several user-friendly solutions, Eaton offers a coupling that maximizes efficiency in performance and minimizes downtime.

High pressure couplings typically suffer at flow rates, and the exposure is even bigger on Quick disconnect & Flat Face type of couplings



“I need a Flat face coupling, that works at 400 bars and offers same performance as a traditional coupling”

Eaton's new Flat Face couplings design eliminates these 3 issues:

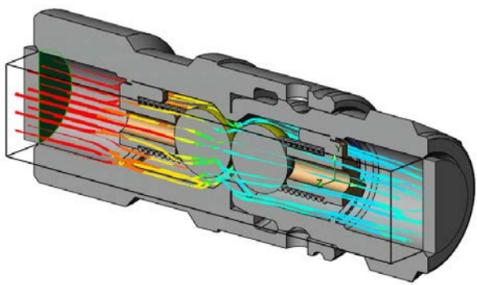


What if a coupling can deliver all?

up to **+74%** performance on flow\* and **+60%** more on working pressure\* – up to 400 bars  
**=** same performance as a traditional coupling > and on the same footprint/size

\*compared to the ISO 16028 standard

Therefore **increasing effectivity** **saving money**



Eaton Flat Face Series Quick Disconnect Couplings Enhanced Solution managed to significantly optimize the flow path,

up to **+74%\* better** By FEA & CFD analysis, flow rate.

Eaton also optimized geometry shapes to further improve the flow rate.

Special metal compound is used to increase material strength

Imagine the possibilities

Build a **Efficient** **safer** machine

**X3** 3 x more protection

Our plating exhibits up to 3 times more protection compared to previous generations of zinc plating.

It is proven to protect against red corrosion to a minimum of 720 hrs. An environmental friendly “Greener” plating solution:

- **Nickel-free**
- **Solvent-free**
- **Meets Global RoHS, ELV and REACH requirements**



Powering Business Worldwide