



CQ MULTI COUPLING SOLUTIONS

GB



Time saving
solutions

www.EASchangesystems.com

Save time and money with CQ multi coupling solutions from EAS

The answers to the most asked questions ?

EAS couplers have color coding showing the type of seal
For all type of fluids
Applicable in manual and automatic multicouplers

Why EAS change systems ?

EAS delivers a complete, personalized solution based on standard components. Designed to save you time while producing in a safe, reliable manner, as well as standard multi-couplers, EAS designs and manufactures customized solutions based on standard components. Whether loading molds vertically or horizontally, we design customized connectivity for many connections.



CQ MultiCoupling solution

Several features of the CQ couplings are similar to those that gave the EIR series its excellent reputation. Thanks to its flat face valve design, clean break connection, and locking mechanism, the CQ is a very reliable partner. Main difference is that these mono couplers are most often used in multi coupler systems. By designing the flat face, no debris can enter the system, helping to keep the circuit clean. Coupling and uncoupling is clean-break, so fluid is not spilled during connection or disconnection. The coupler self-locks when the safety ball inside is pushed up, safeguarding the environment.

CQ Multi coupling solution for maximum **safety and control**

CQ Multi coupling systems features

A. Flat face coupler ensures coupling without contact to fluids

The CQ clean break couplers do have a clean break connection because of the flat face style. This make the CQ a very reliable partner and keep the operator safe from spilling of fluids during connection or disconnection.

B. Self-locking coupler, safe connected during production

Self-locking: the safety ball inside locks the coupler in position, safeguarding the environment.

Operator friendly CQ Multi coupling solutions

A. Outside mounted coloured ring for seal identification

EAS CQ Couplers are equipped with noticeable colored rings. For the different applications different seals are used, and different colored rings are viewable:

- Green: NBR (N)
- Yellow: VITON® (V)
- White: EPDM (E)
- Black: KALREZ® (K)
- Purple: AFLAS® (A)



B. Multi-couplers ensure correct coupling of multiple circuits in one connection

It's multi-coupling technology allow you to operate different circuits in only one connection. This reduce the connection time and prevents mixing up circuits.

Get **personalized Services** for your multi coupling systems

A. Easy exchange of seals

Instead of buying a new coupler when there is a leak of fluid due to the seal, it just needs to exchange seals manually. This can be done by an EAS staff but also by yourself.

B. Flat face couplers are limiting the contamination in the circuits

Thanks to the flat face design no debris can enter the system, keeping the hydraulic circuit clean from dust and other fluid contamination.

Technical characteristics

| EAS TYPE (F/M) | Size (mm) | Connection (BSP) | Rated flow L/min | Pressure drop* (bar) | Rated pressure** (bar) |
|----------------|-----------|------------------|------------------|----------------------|------------------------|
| CQ6 | 6 | 1/4 | 12 | 0.8 | 225/30 |
| CQ9 | 9 | 3/8 | 23 | 0.3 | 188/30 |
| CQ12 | 12 | 1/2 | 45 | 0.7 | 188/30 |
| CQ20 | 20 | 3/4 | 74 | 0.9 | 188/30 |
| CQ25 | 25 | 1 | 189 | 0.8 | 150/30 |
| CQ37 | 37 | 1-1/2 | 288 | 0.4 | 130/30 |
| CQ45 | 45 | 2 | 379 | -- | --/12 |

* at rated flow
** hydraulics/water

For more detailed information ask EAS.

Other Solutions



EIR

Quick release, leak free, flat faced. EIR are manually operated and can be used for oil, water on request. It can be connected and disconnected with just one hand, while the clean-break design prevents excessive spills. This keeps the working environment clean and the circuits protected.



Manual multi coupler

Standard versions of the leak-proof EAS manual multi couplers are available with 6 and 12 mono couplers. The couplers are available in different versions based on the amount of couplers that are needed, as well as coupler sizes.



Automatic Multi Coupler

EAS automatic multi couplings are used in a variety of industrial applications involving water, air, hydraulics, steam and electricity. Using hydraulic or pneumatic cylinders to make the connections automatically eliminates the possibility of making mistakes.

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