

# Nitto Kohki Multi Cupla. Quick Connect Coupling MALC-3S-FL, SUS, FKM

Item no. NKH-369825270

Manufacturer Nitto Kohki

Sicheres Verbinden von Zuleitungen in unterschiedlichen Größen und mit unterschiedlichen Medien. Spezielle Ausführung minimiert den Lufteinschluss beim Verbindungsvorgang.

## TECHNICAL DATA

Weight 0.05 kg



## DESCRIPTION

**A single operation makes simultaneous connections for multiple lines that have a variety of different fluids and sizes. A special design minimizes air admixture in fluid lines upon connection.**

- Compared with conventional Multi Cuplas, approximately double flow rates are realized. This could reduce the size of required plates. (Rate of flow increase depends on Cupla sizes.)
- The MALC type realizes a 2mm axial eccentricity allowance, while the conventional Multi Cupla is only 0.6mm.
- Special valve design enables connection of socket and plug under dynamic pressure of up to 2MPa.
- When connected, the distance between the socket plate and the plug plate is designed to be 30mm for all sizes. This means that any size of Cupla can be mounted and used on the same plate.
- Airless structure valves prevent outflow of fluid and admixture of air into the fluid line.

## SPECIFICATIONS

|                           |                              |
|---------------------------|------------------------------|
| <b>Applicable Fluids:</b> | Air / Water / Hydraulic Oil  |
| <b>Working Pressure:</b>  | 50 bar                       |
| <b>Valve Structure:</b>   | Two-way shut-off (Non-Spill) |

|                       |                           |
|-----------------------|---------------------------|
| <b>Body Material:</b> | Stainless Steel           |
| <b>Seal Material:</b> | FKM                       |
| <b>Size:</b>          | 1/4" / 3/8" / 1/2" / 3/4" |