

# Parker Product Datasheet



2/2-way ball valves interrupt or facilitate the medium flow. These valves, available worldwide, can be optionally equipped with a locking device to avoid unauthorized opening and shut-off; they support the safety of the entire system.

**PART NUMBER:** KH2CFX  
**CONNECTION TYPE:** Female BSPP thread (ISO 1179-1)  
**APPLICATION:** General Industrial  
**CONNECTION SIZE:** G 2  
**BODY MATERIAL:** Steel  
**ORIFICE SIZE:** DN 50  
**SERIES:** n/a

## PRODUCT OVERVIEW

2/2-way ball valves interrupt or facilitate the medium flow. These valves, available worldwide, can be optionally equipped with a locking device to avoid unauthorized opening and shut-off; they support the safety of the entire system. Ball valves with a detent position or fastening bore are also part of the programme.

Markets:

- Agriculture
- Mobile hydraulics
- Air & Gas Compressors
- Offshore and Shipbuilding
- Construction Machinery
- Railway Industry

- Trucks
- Natural Gas

Applications:

- Suitable for general hydraulic applications.

Features/ Benefits:

- Excellent sealing and easy operation extend the safety of the entire hydraulic system, of which the 3/3-way ball valves form a part.
- 2/2-way ball valves guarantee the safety of the whole hydraulic unit because of their consistent quality.
- 2/2-way ball valves are available in steel and stainless steel; there is a broad range of seals e.g. NBR and POM. This variety of material helps to meet customer requirements perfectly.
- The surface offers very high corrosion protection, which of course extends the life-cycle of the product.

## TECH SPECIFICATIONS

|                                      |                                          |
|--------------------------------------|------------------------------------------|
| <b>MAXIMUM OPERATING TEMPERATURE</b> | 100 °C                                   |
| <b>MAXIMUM OPERATING TEMPERATURE</b> | 212 °F                                   |
| <b>DIVISION</b>                      | High Pressure Connectors Europe Division |
| <b>MAXIMUM OPERATING PRESSURE</b>    | 420 bar                                  |
| <b>MINIMUM OPERATING TEMPERATURE</b> | -10 °C                                   |
| <b>MINIMUM OPERATING TEMPERATURE</b> | 14 °F                                    |
| <b>CONNECTION TYPE</b>               | Female BSPP thread (ISO 1179-1)          |
| <b>SHAPE</b>                         | Straight 2-way                           |
| <b>CONNECTION SIZE</b>               | G 2 inch                                 |

|                          |                       |
|--------------------------|-----------------------|
| <b>BODY MATERIAL</b>     | Steel                 |
| <b>PRODUCT TYPE</b>      | Valves                |
| <b>SEAL MATERIAL</b>     | NBR                   |
| <b>MAXIMUM FLOW RATE</b> | n/a                   |
| <b>MOUNTING TYPE</b>     | Screw                 |
| <b>FUNCTION</b>          | 2-way                 |
| <b>ACTUATION TYPE</b>    | Manual                |
| <b>ORIFICE SIZE</b>      | 50 mm                 |
| <b>OPERATION TYPE</b>    | Manual                |
| <b>CONFIGURATION</b>     | 2-way BSPP ball valve |
| <b>SEAT MATERIAL</b>     | POM                   |
| <b>HANDLE TYPE</b>       | Ball valve            |