

# Parker Product Datasheet



3/3-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:** KH3/2-1CFX  
**CONNECTION TYPE:** Female BSPP thread (ISO 1179-1)  
**CONNECTION SIZE:** G 1  
**BODY MATERIAL:** Steel  
**ORIFICE SIZE:** DN 25  
**SERIES:** n/a

## PRODUCT OVERVIEW

3/3-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 of Parker 3/3-way ball valves:

- Excellent sealing and easy operation extend the safety of the entire hydraulic system, of which the 3/3-way ball valves form a part.
- 3/3-way ball valves guarantee the safety of the whole hydraulic unit because of their consistent quality; they are officially approved and certified by Germanischer Lloyd Approval 96 717-89 HH, Lloyds Register of Shipping Approval 00/20020 and DNV Certificate P-11740.
- 3/3-way ball valves are available in steel and stainless steel; there is a broad range of seals e.g. NBR and PEEK. This variety of material helps to meet customer requirements perfectly.
- 3/3-way ball valves have Cr(VI)-free surfaces and are therefore produced in an environment-friendly manner. This surface also offers very high corrosion protection, which of course extends the life-cycle of the product.

## TECH SPECIFICATIONS

|                                      |                                          |
|--------------------------------------|------------------------------------------|
| <b>MAXIMUM OPERATING TEMPERATURE</b> | 212 °F                                   |
| <b>MAXIMUM OPERATING TEMPERATURE</b> | 100 °C                                   |
| <b>DIVISION</b>                      | High Pressure Connectors Europe Division |
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| <b>MAXIMUM OPERATING PRESSURE</b>    | 5802 psi                                 |
| <b>MAXIMUM OPERATING PRESSURE</b>    | 400 bar                                  |
| <b>MINIMUM OPERATING TEMPERATURE</b> | 14 °F                                    |
| <b>MINIMUM OPERATING TEMPERATURE</b> | -10 °C                                   |
| <b>CONNECTION TYPE</b>               | Female BSPP thread (ISO 1179-1)          |
| <b>SHAPE</b>                         | 3-way                                    |

|                   |                       |
|-------------------|-----------------------|
| CONNECTION SIZE   | G 1 inch              |
| BODY MATERIAL     | Steel                 |
| PRODUCT TYPE      | Valves                |
| SEAL MATERIAL     | NBR                   |
| MAXIMUM FLOW RATE | n/a                   |
| MOUNTING TYPE     | Screw                 |
| FUNCTION          | 3-way                 |
| ACTUATION TYPE    | Manual                |
| ORIFICE SIZE      | DN 25                 |
| OPERATION TYPE    | Manual                |
| CONFIGURATION     | 3-way BSPP ball valve |
| SEAT MATERIAL     | POM                   |
| HANDLE TYPE       | Ball valve            |