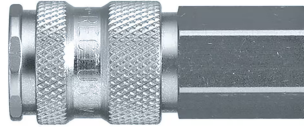


# Parker Product Datasheet



Quick coupling system with nominal diameter 7.8 for pneumatic (series 25, 1600 and 1625), liquids and gas applications (series 25) up to 35 bar. Available in nickel-plated brass, steel, stainless steel (technical polymer sleeve for series 1625).

**PART NUMBER:** 25KBIW17BPN  
**COUPLING HALF:** Coupler  
**CONNECTION SIZE:** G 3/8  
**BODY MATERIAL:** Brass  
**FUNCTION:** Double Shut-Off  
**CONNECTION TYPE:** Female BSPP

## PRODUCT OVERVIEW

Parker's Series 25 is industrial coupling with European profile. Coupling system with single-hand operation. High flow valve for optimum flow and low pressure drops. Series stands out for its robust design and long service life even with the harshest use.

Parker's Series 1600 and 1625 are industrial coupling with European profile. Coupling system with single-hand operation. Suitable for compressed air application with greater than average air consumption. Ultra-High flow valve for optimum flow and low pressure drop. Extremely robust and ergonomically shaped (series 1625)

Markets:

Series 25 - Electronics and Energy Management

- Transportation
- Life Science
- Industrial

Series 1600 and 1625 - Electronics and Energy Management

- Transportation
- Industrial

Features/Benefits:

- Industrial coupling with European profile, most representative profile worldwide
- Single-hand operation for easy and fast connection
- High-Flow and Ultra High-Flow valve for optimum flow and low pressure drop

TECH SPECIFICATIONS

|                               |                                         |
|-------------------------------|-----------------------------------------|
| DIVISION                      | Low Pressure Connectors Europe Division |
| CONNECTION TYPE               | BSPP                                    |
| FLOW RATE                     | 7.1 L/min (water)                       |
| BRAND                         | Rectus                                  |
| MINIMUM OPERATING TEMPERATURE | -4 °F                                   |
| APPLICATION                   | In-Plant Automotive                     |
| VALVE TYPE                    | High Flow Valve                         |
| PRODUCT SERIES                | Series 25                               |
| MAXIMUM OPERATING TEMPERATURE | 100 °C                                  |

|                                      |                                         |
|--------------------------------------|-----------------------------------------|
| <b>MAXIMUM OPERATING PRESSURE</b>    | 35 bar                                  |
| <b>APPLICATION</b>                   | Electronics                             |
| <b>PLATING TYPE</b>                  | Nickel-Plated                           |
| <b>OUTSIDE DIAMETER</b>              | 23 mm                                   |
| <b>COUPLING HALF</b>                 | Coupler                                 |
| <b>INDUSTRY</b>                      | General Industrial                      |
| <b>CONNECTION SIZE</b>               | G 3/8                                   |
| <b>MINIMUM OPERATING TEMPERATURE</b> | -20 °C                                  |
| <b>APPLICATION</b>                   | Industrial Machinery                    |
| <b>SLEEVE MATERIAL</b>               | Steel                                   |
| <b>DIAMETER</b>                      | 7.8 mm (nominal)                        |
| <b>MAXIMUM OPERATING TEMPERATURE</b> | 212 °F                                  |
| <b>LENGTH</b>                        | 55 mm                                   |
| <b>APPLICATION</b>                   | Mobile & Defence                        |
| <b>DIVISION</b>                      | Low Pressure Connectors Europe Division |
| <b>QUANTITY PER BOX</b>              | 10.0                                    |
| <b>SEAL MATERIAL</b>                 | NBR                                     |
| <b>INTERCHANGE TYPE</b>              | European Profile                        |
| <b>PRODUCT TYPE</b>                  | Pneumatic Quick Couplings               |
| <b>FUNCTION</b>                      | Double Shut-Off                         |
| <b>OPERATION TYPE</b>                | Sleeve                                  |
| <b>TECHNOLOGY</b>                    | Pneumatics                              |
| <b>WEIGHT</b>                        | 0.1 kg                                  |
| <b>INDUSTRY</b>                      | Electronics                             |
| <b>MAXIMUM OPERATING PRESSURE</b>    | 507 psi                                 |
| <b>HEX SIZE</b>                      | 19 mm                                   |

|                           |                                                                          |
|---------------------------|--------------------------------------------------------------------------|
| <b>REGION OF ORIGIN</b>   | Germany                                                                  |
| <b>FOR FLUID TYPE</b>     | Water (Industrial, drinking, treated water)                              |
| <b>INDUSTRY</b>           | Transportation                                                           |
| <b>COMPATIBLE FITTING</b> | Series 25 Plug                                                           |
| <b>APPLICATION</b>        | Trucks & Trailers                                                        |
| <b>VALVE INCLUDED</b>     | Yes                                                                      |
| <b>PRODUCT STYLE</b>      | Quick Connect                                                            |
| <b>BRAND</b>              | Parker                                                                   |
| <b>CONNECTION TYPE</b>    | Female                                                                   |
| <b>TECHNOLOGY</b>         | Fluid & Gas Handling                                                     |
| <b>BODY MATERIAL</b>      | Brass                                                                    |
| <b>FOR FLUID TYPE</b>     | Air & Neutral Gases (Industrial compressed, lubricated air, inert gases) |
| <b>FLOW RATE</b>          | 710 L/min (air)                                                          |