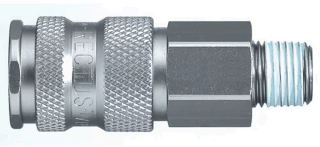
Parker Product Datasheet



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: 25KBAK21BPN
COUPLING HALF: Coupler
CONNECTION SIZE: R 1/2
CONNECTION TYPE: Male BSPT
BODY MATERIAL: Brass
FUNCTION: Double Shut-Off

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

- Tranportation

- 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
INDUSTRY	Transportation
MAXIMUM OPERATING PRESSURE	35 bar
APPLICATION	Industrial Machinery
PRODUCT TYPE	Pneumatic Quick Couplings
PRODUCT STYLE	Quick Connect
COUPLING HALF	Coupler
FLOW RATE	710 L/min (air)
BRAND	Parker

MINIMUM OPERATING TEMPERATURE	-20 °C
VALVE INCLUDED	Yes
BODY MATERIAL	Brass
SEAL MATERIAL	NBR
INDUSTRY	Electronics
MAXIMUM OPERATING TEMPERATURE	100 °C
APPLICATION	In-Plant Automotive
FUNCTION	Double Shut-Off
DIVISION	Low Pressure Connectors Europe Division
INDUSTRY	General Industrial
MAXIMUM OPERATING PRESSURE	507 psi
APPLICATION	Electronics
HEX SIZE	22 mm
QUANTITY PER BOX	10.0
INTERCHANGE TYPE	European Profile
CONNECTION SIZE	R 1/2
SLEEVE MATERIAL	Steel
VALVE TYPE	High Flow Valve
OUTSIDE DIAMETER	23 mm
DIAMETER	7.8 mm (nominal)
LENGTH	57.5 mm
APPLICATION	Trucks & Trailers
CONNECTION TYPE	Male
REGION OF ORIGIN	Germany
CONNECTION TYPE	BSPT
BRAND	Rectus

MAXIMUM OPERATING TEMPERATURE	212 °F
COMPATIBLE FITTING	Series 25 Plug
TECHNOLOGY	Fluid & Gas Handling
PLATING TYPE	Nickel-Plated
TECHNOLOGY	Pneumatics
FLOW RATE	7.1 L/min (water)
MINIMUM OPERATING TEMPERATURE	-4 °F
APPLICATION	Mobile & Defence
OPERATION TYPE	Sleeve
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
WEIGHT	0.118 kg
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
PRODUCT SERIES	Series 25