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: 25KBAK21MPN
COUPLING HALF: Coupler
CONNECTION TYPE: Male BSPT
BODY MATERIAL: Brass
FUNCTION: Double Shut-Off
CONNECTION SIZE: R 1/2

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

PRODUCT SERIES	Series 25
MAXIMUM OPERATING TEMPERATURE	100 °C
BRAND	Parker
INDUSTRY	Transportation
CONNECTION SIZE	R 1/2
BRAND	Rectus
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
DIAMETER	7.8 mm (nominal)

MINIMUM OPERATING TEMPERATURE	-4 °F
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
INDUSTRY	General Industrial
INTERCHANGE TYPE	European Profile
DIVISION	Low Pressure Connectors Europe Division
APPLICATION	Industrial Machinery
APPLICATION	Trucks & Trailers
TECHNOLOGY	Fluid & Gas Handling
CONNECTION TYPE	BSPT
SEAL MATERIAL	NBR
APPLICATION	Electronics
SLEEVE MATERIAL	Steel
TECHNOLOGY	Pneumatics
COUPLING HALF	Coupler
VALVE TYPE	High Flow Valve
APPLICATION	Mobile & Defence
MAXIMUM OPERATING PRESSURE	35 bar
PRODUCT TYPE	Pneumatic Quick Couplings
BODY MATERIAL	Brass
OUTSIDE DIAMETER	23 mm
MAXIMUM OPERATING PRESSURE	507 psi
VALVE INCLUDED	Yes
PLATING TYPE	Nickel-Plated
REGION OF ORIGIN	Germany
PRODUCT STYLE	Quick Connect
DIVISION	Low Pressure Connectors Europe Division

LENGTH	57.5 mm
CONNECTION TYPE	Male
OPERATION TYPE	Sleeve
QUANTITY PER BOX	10.0
COMPATIBLE FITTING	Series 25 Plug
FUNCTION	Double Shut-Off
HEX SIZE	24 mm
APPLICATION	In-Plant Automotive
MINIMUM OPERATING TEMPERATURE	-20 °C
FLOW RATE	7.1 L/min (water)
INDUSTRY	Electronics
MAXIMUM OPERATING TEMPERATURE	212 °F
WEIGHT	0.1169 kg
FLOW RATE	710 L/min (air)