

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: 25KAAW21MPN

COUPLING HALF: Coupler

CONNECTION SIZE: G 1/2

FUNCTION: Single Shut-Off

CONNECTION TYPE: Male BSPP

BODY MATERIAL: Brass

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

INDUSTRY	General Industrial
BRAND	Rectus
MINIMUM OPERATING TEMPERATURE	-4 °F
PRODUCT SERIES	Series 25
INDUSTRY	Healthcare & Life Sciences
MAXIMUM OPERATING PRESSURE	507 psi
BRAND	Parker
INDUSTRY	Transportation
CONNECTION SIZE	G 1/2

MINIMUM OPERATING TEMPERATURE	-20 °C
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
INTERCHANGE TYPE	European Profile
FLOW RATE	1800 L/min (air)
MAXIMUM OPERATING TEMPERATURE	212 °F
LENGTH	60.5 mm
WEIGHT	0.1345 kg
INDUSTRY	Electronics
COMPATIBLE FITTING	Series 25 Plug
DIAMETER	7.8 mm (nominal)
MAXIMUM OPERATING TEMPERATURE	100 °C
MAXIMUM OPERATING PRESSURE	35 bar
DIVISION	Low Pressure Connectors Europe Division
QUANTITY PER BOX	10.0
APPLICATION	Air & Gas Compressor
SLEEVE MATERIAL	Steel
SEAL MATERIAL	NBR
VALVE TYPE	High Flow Valve
PRODUCT STYLE	Quick Connect
COUPLING HALF	Coupler
APPLICATION	Industrial Machinery
FUNCTION	Single Shut-Off
OUTSIDE DIAMETER	23 mm
TECHNOLOGY	Fluid & Gas Handling

REGION OF ORIGIN	Germany
CONNECTION TYPE	BSPP
PRODUCT TYPE	Pneumatic Quick Couplings
VALVE INCLUDED	Yes
PLATING TYPE	Nickel-Plated
HEX SIZE	22 mm
TECHNOLOGY	Pneumatics
BODY MATERIAL	Brass
APPLICATION	Trucks & Trailers
CONNECTION TYPE	Male
OPERATION TYPE	Sleeve
FLOW RATE	28 L/min (water)
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
DIVISION	Low Pressure Connectors Europe Division