

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: 25KAAW21RVX
COUPLING HALF: Coupler
CONNECTION SIZE: G 1/2
FUNCTION: Single Shut-Off
CONNECTION TYPE: Male BSPP
BODY MATERIAL: Stainless Steel 303

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

FLOW RATE	1800 L/min (air)
LENGTH	60.5 mm
APPLICATION	Mobile & Defence
PRODUCT TYPE	Pneumatic Quick Couplings
INTERCHANGE TYPE	European Profile
CONNECTION SIZE	G 1/2
FUNCTION	Single Shut-Off
BRAND	Rectus
MAXIMUM OPERATING TEMPERATURE	392 °F

COMPATIBLE FITTING	Series 25 Plug
VALVE INCLUDED	Yes
INDUSTRY	General Industrial
MINIMUM OPERATING TEMPERATURE	5 °F
APPLICATION	Electronics
CONNECTION TYPE	Male
BRAND	Parker
MINIMUM OPERATING TEMPERATURE	-15 °C
DIVISION	Low Pressure Connectors Europe Division
INDUSTRY	Electronics
MAXIMUM OPERATING PRESSURE	35 bar
APPLICATION	Industrial Machinery
HEX SIZE	19 mm
INDUSTRY	Healthcare & Life Sciences
MAXIMUM OPERATING TEMPERATURE	200 °C
APPLICATION	Air & Gas Compressor
TECHNOLOGY	Pneumatics
APPLICATION	Pharma
INDUSTRY	Transportation
MAXIMUM OPERATING PRESSURE	507 psi
APPLICATION	Trucks & Trailers
VALVE TYPE	High Flow Valve
COUPLING HALF	Coupler
FOR FLUID TYPE	Chemicals (Paints, solvents, lubricants)
PLATING TYPE	Without Surface Treatment

FOR FLUID TYPE	Water (Industrial, drinking, treated water)
SLEEVE MATERIAL	Stainless Steel 303
SEAL MATERIAL	FKM
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
DIVISION	Low Pressure Connectors Europe Division
FLOW RATE	28 L/min (water)
PRODUCT SERIES	Series 25
PRODUCT STYLE	Quick Connect
TECHNOLOGY	Fluid & Gas Handling
WEIGHT	0.13 kg
BODY MATERIAL	Stainless Steel 303
OUTSIDE DIAMETER	23 mm
OPERATION TYPE	Sleeve
QUANTITY PER BOX	2.0
CONNECTION TYPE	BSPP
DIAMETER	7.4 mm (nominal)
REGION OF ORIGIN	Germany