

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: 25KAAW21EVX
COUPLING HALF: Coupler
CONNECTION SIZE: G 1/2
FUNCTION: Single Shut-Off
CONNECTION TYPE: Male BSPP
BODY MATERIAL: Stainless Steel 316L

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

MAXIMUM OPERATING TEMPERATURE	200 °C
APPLICATION	Industrial Machinery
PRODUCT TYPE	Pneumatic Quick Couplings
FUNCTION	Single Shut-Off
OUTSIDE DIAMETER	23 mm
MINIMUM OPERATING TEMPERATURE	5 °F
APPLICATION	Mobile & Defence
DIVISION	Low Pressure Connectors Europe Division
COUPLING HALF	Coupler

CONNECTION SIZE	G 1/2
APPLICATION	Pharma
CONNECTION TYPE	Male
TECHNOLOGY	Pneumatics
QUANTITY PER BOX	2.0
DIVISION	Low Pressure Connectors Europe Division
MINIMUM OPERATING TEMPERATURE	-15 °C
MAXIMUM OPERATING PRESSURE	35 bar
APPLICATION	Trucks & Trailers
OPERATION TYPE	Sleeve
BRAND	Parker
APPLICATION	Air & Gas Compressor
VALVE INCLUDED	Yes
SLEEVE MATERIAL	Stainless Steel 316L
REGION OF ORIGIN	Germany
BRAND	Rectus
VALVE TYPE	High Flow Valve
PRODUCT STYLE	Quick Connect
FLOW RATE	28 L/min (water)
PRODUCT SERIES	Series 25
TECHNOLOGY	Fluid & Gas Handling
CONNECTION TYPE	BSPP
DIAMETER	7.4 mm (nominal)
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
INDUSTRY	General Industrial
INDUSTRY	Healthcare & Life Sciences

INDUSTRY	Electronics
INTERCHANGE TYPE	European Profile
INDUSTRY	Transportation
FLOW RATE	1800 L/min (air)
WEIGHT	0.13 kg
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
SEAL MATERIAL	FKM
PLATING TYPE	Without Surface Treatment
APPLICATION	Electronics
COMPATIBLE FITTING	Series 25 Plug
LENGTH	60.5 mm
BODY MATERIAL	Stainless Steel 316L
HEX SIZE	22 mm
MAXIMUM OPERATING PRESSURE	507 psi
MAXIMUM OPERATING TEMPERATURE	392 °F
FOR FLUID TYPE	Chemicals (Paints, solvents, lubricants)