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: 25KAAW17EVX
COUPLING HALF: Coupler
CONNECTION SIZE: G 3/8
BODY MATERIAL: Stainless Steel 316L
FUNCTION: Single Shut-Off
CONNECTION TYPE: Male BSPP

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

APPLICATION	Pharma
PRODUCT TYPE	Pneumatic Quick Couplings
SLEEVE MATERIAL	Stainless Steel 316L
CONNECTION TYPE	BSPP
FOR FLUID TYPE	Chemicals (Paints, solvents, lubricants)
VALVE INCLUDED	Yes
PLATING TYPE	Without Surface Treatment
QUANTITY PER BOX	2.0
COMPATIBLE FITTING	Series 25 Plug
CONNECTION TYPE	Male

OPERATION TYPE	Sleeve
APPLICATION	Electronics
HEX SIZE	19 mm
FUNCTION	Single Shut-Off
COUPLING HALF	Coupler
MAXIMUM OPERATING PRESSURE	507 psi
REGION OF ORIGIN	Germany
OUTSIDE DIAMETER	23 mm
APPLICATION	Industrial Machinery
APPLICATION	Mobile & Defence
VALVE TYPE	High Flow Valve
TECHNOLOGY	Pneumatics
BODY MATERIAL	Stainless Steel 316L
PRODUCT STYLE	Quick Connect
APPLICATION	Air & Gas Compressor
APPLICATION	Trucks & Trailers
DIVISION	Low Pressure Connectors Europe Division
SEAL MATERIAL	FKM
DIAMETER	7.4 mm (nominal)
MINIMUM OPERATING TEMPERATURE	5 °F
INDUSTRY	General Industrial
MAXIMUM OPERATING PRESSURE	35 bar
FLOW RATE	1800 L/min (air)
MINIMUM OPERATING TEMPERATURE	-15 °C
INDUSTRY	Transportation
LENGTH	57.5 mm

FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
INTERCHANGE TYPE	European Profile
MAXIMUM OPERATING TEMPERATURE	392 °F
PRODUCT SERIES	Series 25
INDUSTRY	Healthcare & Life Sciences
BRAND	Rectus
WEIGHT	0.096 kg
INDUSTRY	Electronics
CONNECTION SIZE	G 3/8
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
BRAND	Parker
MAXIMUM OPERATING TEMPERATURE	200 °C
FLOW RATE	28 L/min (water)
TECHNOLOGY	Fluid & Gas Handling
DIVISION	Low Pressure Connectors Europe Division