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: 25KAAW17MPN
COUPLING HALF: Coupler
CONNECTION SIZE: G 3/8
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

- 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

FOR FLUID TYPE	Water (Industrial, drinking, treated water)
PLATING TYPE	Nickel-Plated
REGION OF ORIGIN	Germany
SEAL MATERIAL	NBR
VALVE INCLUDED	Yes
QUANTITY PER BOX	10.0
FLOW RATE	28 L/min (water)
DIVISION	Low Pressure Connectors Europe Division
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PRODUCT STYLE	Quick Connect

FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
FUNCTION	Single Shut-Off
TECHNOLOGY	Pneumatics
COUPLING HALF	Coupler
MAXIMUM OPERATING TEMPERATURE	100 °C
APPLICATION	Air & Gas Compressor
PRODUCT SERIES	Series 25
MINIMUM OPERATING TEMPERATURE	-20 °C
APPLICATION	Industrial Machinery
INDUSTRY	Electronics
BRAND	Parker
MINIMUM OPERATING TEMPERATURE	-4 °F
HEX SIZE	19 mm
FLOW RATE	1800 L/min (air)
INTERCHANGE TYPE	European Profile
MAXIMUM OPERATING PRESSURE	507 psi
PRODUCT TYPE	Pneumatic Quick Couplings
INDUSTRY	General Industrial
INDUSTRY	Healthcare & Life Sciences
MAXIMUM OPERATING PRESSURE	35 bar
CONNECTION TYPE	Male
INDUSTRY	Transportation
BRAND	Rectus
LENGTH	30 to 155 mm

APPLICATION	Trucks & Trailers
COMPATIBLE FITTING	Series 25 Plug
MAXIMUM OPERATING TEMPERATURE	212 °F
DIAMETER	7.8 mm (nominal)
CONNECTION SIZE	G 3/8
WEIGHT	0.0982 kg
TECHNOLOGY	Fluid & Gas Handling
OPERATION TYPE	Sleeve
SLEEVE MATERIAL	Steel
CONNECTION TYPE	BSPP
OUTSIDE DIAMETER	23 mm
BODY MATERIAL	Brass
VALVE TYPE	High Flow Valve