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: 1600KEIW21SPN
COUPLING HALF: Coupler
CONNECTION SIZE: G 1/2
BODY MATERIAL: Steel
FUNCTION: Self-Venting
CONNECTION TYPE: Female 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

FLOW RATE	2020 L/min (air)
BRAND	Rectus
WEIGHT	0.144 kg
MAXIMUM OPERATING TEMPERATURE	212 °F
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
CONNECTION SIZE	G 1/2
INDUSTRY	General Industrial
BRAND	Parker

MAXIMUM OPERATING TEMPERATURE	100 °C
MINIMUM OPERATING TEMPERATURE	-20 °C
MAXIMUM OPERATING PRESSURE	12 bar
TECHNOLOGY	Pneumatics
BODY MATERIAL	Steel
PRODUCT STYLE	Quick Connect
LENGTH	61.5 mm
CONNECTION TYPE	Female
OPERATION TYPE	Sleeve
MAXIMUM OPERATING PRESSURE	174 psi
VALVE INCLUDED	Yes
PLATING TYPE	Nickel-Plated
QUANTITY PER BOX	10.0
APPLICATION	Industrial Machinery
HEX SIZE	24 mm
FUNCTION	Self-Venting
COUPLING HALF	Coupler
DIVISION	Low Pressure Connectors Europe Division
APPLICATION	Trucks & Trailers
COMPATIBLE FITTING	Series 25 Plug
SEAL MATERIAL	NBR
VALVE TYPE	Ultra High Flow Valve
APPLICATION	Mobile & Defence
SLEEVE MATERIAL	Steel
PRODUCT TYPE	Pneumatic Quick Couplings
APPLICATION	Air & Gas Compressor

DIVISION	Low Pressure Connectors Europe Division
OUTSIDE DIAMETER	26 mm
REGION OF ORIGIN	Germany
MINIMUM OPERATING TEMPERATURE	-4 °F
INTERCHANGE TYPE	European Profile
PRODUCT SERIES	Series 1600 - Safety
INDUSTRY	Transportation
DIAMETER	7.8 mm (nominal)
CONNECTION TYPE	BSPP