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: 1600KAIW13SPN
COUPLING HALF: Coupler
FUNCTION: Single Shut-Off
CONNECTION SIZE: G 1/4
BODY MATERIAL: Steel
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

SEAL MATERIAL	NBR
WEIGHT	0.1077 kg
OPERATION TYPE	Sleeve
DIAMETER	7.8 mm (nominal)
PRODUCT STYLE	Quick Connect
OUTSIDE DIAMETER	23 mm
PRODUCT SERIES	Series 1600
QUANTITY PER BOX	10.0
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)

REGION OF ORIGIN	Germany
COUPLING HALF	Coupler
BRAND	Parker
MINIMUM OPERATING TEMPERATURE	-20 °C
APPLICATION	Trucks & Trailers
PLATING TYPE	Nickel-Plated
CONNECTION SIZE	G 1/4
LENGTH	59 mm
APPLICATION	General Industrial
VALVE TYPE	Ultra High Flow Valve
BRAND	Rectus
MAXIMUM OPERATING TEMPERATURE	212 °F
APPLICATION	Mobile & Defence
BODY MATERIAL	Steel
INDUSTRY	Transportation
PRODUCT TYPE	Pneumatic Quick Couplings
VALVE INCLUDED	Yes
INDUSTRY	General Industrial
MAXIMUM OPERATING PRESSURE	35 bar
CONNECTION TYPE	Female
SLEEVE MATERIAL	Steel
INTERCHANGE TYPE	European Profile
COMPATIBLE FITTING	Series 25 Plug
HEX SIZE	19 mm
TECHNOLOGY	Pneumatics
FUNCTION	Single Shut-Off

MAXIMUM OPERATING PRESSURE	507 psi
FLOW RATE	2020 L/min (air)
DIVISION	Low Pressure Connectors Europe Division
APPLICATION	Air & Gas Compressor
MINIMUM OPERATING TEMPERATURE	-4 °F
MAXIMUM OPERATING TEMPERATURE	100 °C
CONNECTION TYPE	BSPP
DIVISION	Low Pressure Connectors Europe Division