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: 1600KAIW17SPN
COUPLING HALF: Coupler
CONNECTION SIZE: G 3/8
FUNCTION: Single Shut-Off
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

BRAND	Parker
APPLICATION	General Industrial
FUNCTION	Single Shut-Off
OUTSIDE DIAMETER	23 mm
DIAMETER	7.8 mm (nominal)
MINIMUM OPERATING TEMPERATURE	-20 °C
MAXIMUM OPERATING PRESSURE	35 bar
APPLICATION	Mobile & Defence
BODY MATERIAL	Steel

INDUSTRY	General Industrial
MAXIMUM OPERATING TEMPERATURE	100 °C
MINIMUM OPERATING TEMPERATURE	-4 °F
HEX SIZE	19 mm
REGION OF ORIGIN	Germany
COUPLING HALF	Coupler
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
BRAND	Rectus
APPLICATION	Air & Gas Compressor
CONNECTION TYPE	Female
SLEEVE MATERIAL	Steel
FLOW RATE	2020 L/min (air)
CONNECTION SIZE	G 3/8
LENGTH	59 mm
PRODUCT TYPE	Pneumatic Quick Couplings
OPERATION TYPE	Sleeve
CONNECTION TYPE	BSPP
WEIGHT	0.0997 kg
INTERCHANGE TYPE	European Profile
COMPATIBLE FITTING	Series 25 Plug
VALVE INCLUDED	Yes
DIVISION	Low Pressure Connectors Europe Division
QUANTITY PER BOX	10.0
PRODUCT SERIES	Series 1600

MAXIMUM OPERATING TEMPERATURE	212 °F
MAXIMUM OPERATING PRESSURE	507 psi
APPLICATION	Trucks & Trailers
PLATING TYPE	Nickel-Plated
SEAL MATERIAL	NBR
INDUSTRY	Transportation
TECHNOLOGY	Pneumatics
VALVE TYPE	Ultra High Flow Valve
PRODUCT STYLE	Quick Connect
DIVISION	Low Pressure Connectors Europe Division