Parker Product Datasheet



This range of ergonomic polymer couplers has been designed for the safety of operators and machinery while giving very high energy efficiency performance.
Available in three profile standards, it is perfectly suited for any type of installation.

PART NUMBER: 9087U06 17
CONNECTION SIZE: G 3/8
PROFILE: ISO B
COUPLING HALF: Plug
DIAMETER: ND 5.5
CONNECTION TYPE: Male BSPP
SLEEVE MATERIAL: No sleeve
BODY MATERIAL: Steel

PRODUCT OVERVIEW

This range of ergonomic polymer couplers has been designed for the safety of operators and machinery while giving very high energy efficiency performance.

Available in three profile standards, it is perfectly suited for any type of installation.

Features/Benefits:

- Safety & Reliability

• Prevents risk of whiplash
• Quick-acting vent allowing disconnection to be carried out in total safety

• Rotating sleeve to avoid risk of accidental disconnection
• Low connection/disconnection force even under pressure
• Polymer sleeve protects equipment from scratching
• Protective spiral over the tube prevents kinking

- Performance

• Very high flow and low pressure drop
• 100% leak-tested in production
• Date coding to guarantee quality and traceability
• Robust impact-resistant material
• Optimum energy efficiency
• Long-term reliability

- Easy-to-Use

• Immediate identification by clear marking on each model showing:
profile of the compatible male probe
type part number
• Compatible with male probes conforming to:
ISO B profile
European profile
ARO profile

Markets:

• Packaging
• Miscellaneous Manufacturing
• Vehicle Assembly Facilities

Applications:

• Compressed Air Circuits Automatic Connection and Disconnection
• Workshops
• Air Operated Tools
• Ring Main Circuits
• Cleaning
• Blowing

Technologies:

• Quick acting coupler
• Quick coupling
• Quick connect coupling
• Quick connect coupler
• Y coupler
• Coupler
• Coupling
• C9000

Technical Characteristics:

• Compatible fluids: Compressed air
• Materials: Technical polymer, aluminium, nickel-plated brass, zamak, stainless steel
• Pressure: Vacuum to 16 bar
• Temperature: -20°C to +60°C

Regulations:

• DI: 97/23/EC (PED)
• DI: 2002/95/EC (RoHS), 2011/65/EC
• DI: 1907/2006 (REACH)
• ISO 4414 Pneumatic Fluid Power: General Rules Relating to Systems
• DIN EN 983 Safety Standard for Pneumatics

Product Types:

• Coupler, Male BSPP Thread
• Coupler, Male BSPT Thread
• Coupler, Female BSPP Thread
• Coupler, LF 3000® Push-In Connection, Body Spiral Protection Spring
• Coupler with Hosetail
• Coupler, Bulkhead Mountable, Female BSPP Thread
• Y Coupler, Female BSPP Thread
• Probe, Straight-Through, Male BSPP Thread
• Probe, Straight-Through, Female BSPP Thread
• Probe, Straight-Through, LF 3000® Push-In Connection, with Spiral Protection Spring
• Probe, Straight-Through, with Hosetail
• Coupler, Male BSPP Thread
• Coupler, Female BSPP Thread

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TECH SPECIFICATIONS

QUANTITY PER BOX	5
VALVE INCLUDED	No
COMPATIBLE FITTING	C9000 Coupler
CONNECTION SIZE	G 3/8
CONNECTION TYPE	Male
DIVISION	Low Pressure Connectors Europe Division
INTERCHANGE TYPE	ISO B Profile
TECHNOLOGY	Pneumatics
BODY MATERIAL	Steel
FLOW RATE	1250 L/min (air)
SLEEVE MATERIAL	Without Sleeve

COUPLING HALF	Plug
MAXIMUM OPERATING PRESSURE	233 psi
MAXIMUM OPERATING TEMPERATURE	140 °F
PLATING TYPE	Nickel-Plated
FUNCTION	Straight-Through
MINIMUM OPERATING TEMPERATURE	-4 °F
DIAMETER	5.5 mm (nominal)
BRAND	Legris
SEAL MATERIAL	Without Seal
APPLICATION	Workshops, Cleaning, Blowing, Pneumatics, Air-Operated Tools, Ring Main Circuits, Packaging
PRODUCT SERIES	Series C9000
BRAND	Parker
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
PRODUCT TYPE	Quick Coupling
MAXIMUM OPERATING PRESSURE	16 bar
OPERATION TYPE	No Sleeve
DIVISION	Low Pressure Connectors Europe Division
INDUSTRY	Industrial Manufacturing Equipment
CONNECTION TYPE	BSPP
MINIMUM OPERATING TEMPERATURE	-20 °C
WEIGHT	0.032 kg
MAXIMUM OPERATING TEMPERATURE	60 °C