

Parker Product Datasheet



Premium quick coupling system with nominal diameter 6 for pneumatic and fluid handling applications up to 50 bar. Coupling system with German industrial profile. Available made of brass/steel.

PART NUMBER: 52KBTF09SPN

COUPLING HALF: Coupler

CONNECTION SIZE: 9 MM

FUNCTION: Double Shut-Off

CONNECTION TYPE: Hose Barb

BODY MATERIAL: Steel

PRODUCT OVERVIEW

Parker's Premium Quick Coupling Series 52 is a coupling system with German industrial profile. This coupling system is developed for single-hand operation. The UltraFlo valve guarantees optimum flow and low pressure drop. This robust coupling series in slim design mainly used for pneumatic applications. The steel sleeve counters oscillating forces and the high insertion depth is guaranteed by an optimized plug guide.

Markets:

- Machinery Construction
- Automotive
- Aerospace
- Mobile Hydraulics
- Industrial
- Machine Tooling

Features/Benefits:

- UltraFlo valve for optimum flow and low pressure drop
- Steel sleeve counters oscillating forces
- Single-hand operation for easy and fast connection

Applications:

- Pneumatic Power Tools
- Assembly Lines
- Air compressors
- Fluid Transfer

TECH SPECIFICATIONS

DIVISION	Low Pressure Connectors Europe Division
MAXIMUM OPERATING TEMPERATURE	212 °F
CONNECTION SIZE	9 mm
APPLICATION	Air compressors
OPERATION TYPE	Sleeve
FOR FLUID TYPE	Chemicals (Paints, solvents, lubricants)
COUPLING HALF	Coupler
SEAL MATERIAL	NBR
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
OUTSIDE DIAMETER	25 mm
FLOW RATE	730 L/min (air)
PRODUCT STYLE	Quick Connect
PRODUCT SERIES	Series 52
QUANTITY PER BOX	10.0
DIAMETER	6 mm (nominal)

REGION OF ORIGIN	Germany
WEIGHT	0.1364 kg
FUNCTION	Double Shut-Off
PRODUCT TYPE	Pneumatic Quick Couplings
COMPATIBLE FITTING	Series 52 Plug
INTERCHANGE TYPE	German Profile
TECHNOLOGY	Fluid & Gas Handling
CONNECTION TYPE	Hose Barb
HEX SIZE	21 mm
INDUSTRY	Automotive
PLATING TYPE	Nickel-Plated
APPLICATION	Pneumatic Power Tools
MINIMUM OPERATING TEMPERATURE	-4 °F
BRAND	Rectus
VALVE TYPE	High Flow
TECHNOLOGY	Pneumatics
MAXIMUM OPERATING PRESSURE	725 psi
FLOW RATE	10 L/min (water)
DIVISION	Low Pressure Connectors Europe Division
APPLICATION	Assembly Lines
LENGTH	80 mm
BRAND	Parker
BODY MATERIAL	Steel
APPLICATION	Fluid transfer
MINIMUM OPERATING TEMPERATURE	-20 °C

MAXIMUM OPERATING TEMPERATURE	100 °C
SLEEVE MATERIAL	Brass
VALVE INCLUDED	Yes
MAXIMUM OPERATING PRESSURE	50 bar
INDUSTRY	General Industrial