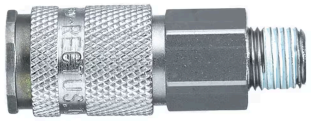
Parker Product Datasheet



Quick coupling system with nominal diameter 8 for pneumatic and fluid handling applications up to 35 bar. Coupling system with Atlas Copco profile. Available made of brass/steel.

PART NUMBER: 33KAAK21SPN
COUPLING HALF: Coupler
CONNECTION SIZE: R 1/2
FUNCTION: Single Shut-Off
BODY MATERIAL: Steel
CONNECTION TYPE: Male BSPT

PRODUCT OVERVIEW

Parker's Series 33 is a steel industrial coupling with Atlas Copco-Profile. It is especially suited to use with gaseous media in industry.
This coupling system is developed for single-hand operation. The UltraFlo valve guarantees optimum flow and low pressure drop.

Markets:
- Machinery Construction
- Automotive

Features/Benefits:
- UltraFlo valve for optimum flow and low pressure drop
- Single-hand operation for easy and fast connection

Applications:

- Pneumatic Power Tools
- Assembly Lines
- Air compressors

TECH SPECIFICATIONS

CONNECTION TYPE	BSPT
VALVE TYPE	High Flow Valve
PRODUCT STYLE	Quick Connect
MAXIMUM OPERATING PRESSURE	508 psi
BODY MATERIAL	Steel
CONNECTION SIZE	R 1/2
PLATING TYPE	Nickel-Plated
DIVISION	Low Pressure Connectors Europe Division
TECHNOLOGY	Pneumatics
SLEEVE MATERIAL	Brass
REGION OF ORIGIN	Germany
DIAMETER	8 mm (nominal)
MAXIMUM OPERATING TEMPERATURE	100 °C
INTERCHANGE TYPE	Scandinavian Profile
BRAND	Rectus
DIVISION	Low Pressure Connectors Europe Division
CONNECTION TYPE	Male
TECHNOLOGY	Fluid & Gas Handling
QUANTITY PER BOX	10.0
SEAL MATERIAL	NBR
MINIMUM OPERATING TEMPERATURE	-4 °F

OPERATION TYPE	Sleeve
OUTSIDE DIAMETER	23 mm
COMPATIBLE FITTING	Series 33 Plug
FUNCTION	Single Shut-Off
COUPLING HALF	Coupler
WEIGHT	0.1179 kg
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
MINIMUM OPERATING TEMPERATURE	-20 °C
FOR FLUID TYPE	Chemicals (Paints, solvents, lubricants)
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
PRODUCT SERIES	Series 33
MAXIMUM OPERATING TEMPERATURE	212 °F
LENGTH	60 mm
VALVE INCLUDED	Yes
MAXIMUM OPERATING PRESSURE	35 bar
FLOW RATE	23 L/min (water)
HEX SIZE	22 mm
BRAND	Parker
INDUSTRY	General Industrial
FLOW RATE	1700 L/min (air)