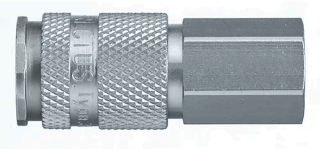
Parker Product Datasheet



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: 33KAIW13SPN
COUPLING HALF: Coupler
FUNCTION: Single Shut-Off
CONNECTION SIZE: G 1/4
BODY MATERIAL: Steel
CONNECTION TYPE: Female BSPP

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

BRAND	Parker
FUNCTION	Single Shut-Off
BODY MATERIAL	Steel
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
FLOW RATE	23 L/min (water)
CONNECTION TYPE	BSPP
PRODUCT STYLE	Quick Connect
DIVISION	Low Pressure Connectors Europe Division
SEAL MATERIAL	NBR
INTERCHANGE TYPE	Scandinavian Profile
FOR FLUID TYPE	Chemicals (Paints, solvents, lubricants)
MAXIMUM OPERATING TEMPERATURE	212 °F
COMPATIBLE FITTING	Series 33 Plug
OPERATION TYPE	Sleeve
BRAND	Rectus
SLEEVE MATERIAL	Brass
DIVISION	Low Pressure Connectors Europe Division
COUPLING HALF	Coupler
WEIGHT	0.1038 kg
INDUSTRY	General Industrial
MAXIMUM OPERATING PRESSURE	508 psi

REGION OF ORIGIN	Germany
MAXIMUM OPERATING TEMPERATURE	100 °C
MINIMUM OPERATING TEMPERATURE	-4 °F
TECHNOLOGY	Fluid & Gas Handling
VALVE TYPE	High Flow Valve
FOR FLUID TYPE	Water (Industrial, drinking, treated water)
PRODUCT SERIES	Series 33
CONNECTION TYPE	Female
QUANTITY PER BOX	10.0
CONNECTION SIZE	G 1/4
TECHNOLOGY	Pneumatics
PLATING TYPE	Nickel-Plated
DIAMETER	8 mm (nominal)
LENGTH	55 mm
MINIMUM OPERATING TEMPERATURE	-20 °C
VALVE INCLUDED	Yes
MAXIMUM OPERATING PRESSURE	35 bar
FLOW RATE	1700 L/min (air)
HEX SIZE	19 mm
OUTSIDE DIAMETER	23 mm