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Quick Coupling with ISO 6150 C Profile, Series 18

Part #: 18KAAW13MPN



Quick coupling system with nominal diameter 5.5 for pneumatic and fluid handling applications up to 35 bar. Coupling system with ISO 6150 C profile. Available made of brass/steel.

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Technical Specifications

Connection Thread Size (inch):	1/4	Maximum Operating Temperature:	100 °C
Hose I.D.:	n/a	Minimum Operating Temperature:	-20 °C
Connection Type:	Female Thread - parallel	Maximum Operating Pressure:	35 bar
Type:	Coupling	Outside Diameter:	23 mm
Length (mm):	60	Hex Size:	19 mm
Materials of Construction:	Brass	Valve Included:	Yes
Diameter:	5,5 nom	Seal Material:	NBR
Flow Rate:	890 (air), 12,7 (water) L/min	Version:	Single Shut-Off

Safety Warning

Item Information

Parker's Series 18 is a robust industrial coupling according to ISO 6150 C. This coupling system is developed for single-hand operation. The UltraFlo guarantees optimum flow and low pressure drop and the steel sleeve counters oscillating forces. Series 18 has limited use for liquids (steel sleeve/ cast valve). The high insertion depth is guaranteed by an optimized plug guide.

Markets:
- Machinery Construction
- Automotive
- Life Science

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- Process

Features/Benefits:
- UltraFlo valve for optimum flow and low pressure drop
- Single-hand operation for easy and fast connection
- Coupling system according to ISO 6150 C standard
- Steel sleeve counters oscillating forces.

Applications:
- Pneumatic Power Tools
- Assembly Lines
- Air compressors

CAD Drawings + Files

Related Documents

Literature and Reference Materials

- Parker Legris Rectus - General Catalogue
- Catalogue Page Parker Rectus Series 18
- Datasheet Series 18 Single-Shut-Off Version made of Brass/Steel
- Instructions for use - Standard-Couplings
- Leakage rates for low-pressure couplings
- Overview of couplings for vacuum applications
- Torque recommendations

Compliance, Certifications & Safety

- Certificate of conformity - 2014 68 EU_connectic
- Customer information about test reports and inspection certificates
- Instructions for use for explosive areas (ATEX)
- Machinery Directive 2006/42/EC
- REACH-Declaration
- RoHS Declaration of conformity
- Safety instructions - Quick Connect Couplings

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