



DECLARATION

**Parker Hannifin Corporation
Instrumentation Products Division**

Adres1005 A Cleaner Way
Huntsville, AL 35805
United States of America

Kiwa Nederland B.V. hereby declares that the

Tube fittings CPI™ and A-LOK® series

Described in annex to this declaration complies with the ECE R110:

Annex 5A Overpressure test
Annex 5B External leakage
Annex 5L Durability 100.000 x
Annex 5E Corrosion resistance (salt spray)
Annex 5N Vibration
Annex 5D CNG compatibility
Annex 5F Resistance to dry heat
Annex 5G Ozone ageing

Issued by:
Kiwa Nederland B.V.

Paul Dijkhof
Unit Manager Automotive

Number
Issued

180200506-R110 Ext.:00
February 15th 2019

This declaration is issued on February 15th, 2019 and is valid for the above mentioned product until the product is modified.

All details of the modifications can be found in the report 180200506.

Manufacturer location 1:

**Parker Hannifin Corporation
Instrumentation Products Division**
1005 A Cleaner Way
Huntsville, AL 35805
United States of America

Manufacturer location 2:

**Parker Hannifin Manufacturing Ltd
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Appendix to declaration no. 180200506-R110

Appendix no.: 1
 Dated: 15 February 2019
 Examination report(s):
 180200506

Tube fittings CPI™ and A-LOK® -series

Approval number(s): ECE R110 180200506-R110
 ISO15500 180200506MECH122
 NGV3.1 180200506AUT35

Manufacturer: Parker Hannifin Corporation Instrumentation Products Division

Type(s): CPI™ series
 A-LOK® series

Working pressure: 25.0 MPa (250 bar)

Classification: Class 0 (R110)

Temperature range: -40 °C up to 85 °C

Material(s): see CPI™/A-LOK® fitting document in annex C of the test report 180200506

The following range of types has been tested:

Type	D1	D2	D3	D4	D1	D2	D3	D4
A	12	18			SCM12	SCM18		
A	16	16			SCM16	SCM16		
B	8	16	8		EEM8	EEM16	EEM8	
B	12	6	12		EEM12	EEM6	EEM12	
B	16	12	16		EEM16	EEM12	EEM16	
B	16	16	16		EEM16	EEM16	EEM16	
C	16	16			ETM16	ETM16		
D	16	8	16	8	ECRM16	ECRM8	ECRM16	ECRM8
SAE	8				M8M1SC6			
SAE	12				M12M1SC6			
SAE	12				M12M1SC8			

- A tube to tube union
- B tube to tube elbow
- C tube to tube tee
- D tube to tube cross



Appendix to declaration no. 180200506-R110

Appendix no.: 1
 Dated: 15 February 2019
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 180200506

Size	qty (Scania Req.)	Body Part No.	CPI™ Assy	A-LOK® Assy	Type
3/4, 18mm	1	HZ 18-18-SS	HBZ 18-18-SS	SCM18-316	A
5/8, 16mm	2	HZ 16-16-SS	HBZ 16-16-SS	SCM16-316	A
1/2, 12mm	1	HZ 12-12-SS	HBZ 12-12-SS	SCM12-316	A
5/16, 8mm	1	ZHA 8-6-SS	ZHBA 8-6-SS	M8M1SC6-316	SAE
1/2, 12mm	1	ZHA 12-8-SS	ZHBA 12-8-SS	M12M1SC8-316	SAE
1/2, 12mm	1	ZHA 12-6-SS	ZHBA 12-6-SS	M12M1SC6-316	SAE
5/8, 16mm	2	JZ 16-16-16-SS	JBZ 16-16-16-SS	ETM16-316	C
5/16, 8mm	2	EZ 8-8-SS	EBZ 8-8-SS	EEM8-316	B
1/4, 6mm	1	EZ 6-6-SS	EBZ 6-6-SS	EEM6-316	B
5/8, 16mm	6	EZ 16-16-SS	EBZ 16-16-SS	EEM16-316	B
1/2, 12mm	3	EZ 12-12-SS	EBZ 12-12-SS	EEM12-316	B
5/16, 8mm	2	KZ 8-SS	KBZ 8-SS	ECRM8-316	
5/8, 16mm	2	KZ 16-SS	KBZ 16-SS	ECRM16-316	

Scania	CPI™	A-LOK®
SCM6	6-6 HBZ	4SC4
SCM16	12-12 HBZ	8SC8
EEM6	4-4 EBZ	12SC12
EEM12	8-8 EBZ	16SC16
EEM16	12-12 EBZ	4EE4
M8M1SC6	16-16 EBZ	8EE8
M12M1SC8	6-6 ZHBA	12EE12
	8-6 ZHBA	6M1SC6
	8-8 ZHBA	8M1SC8

With the range of tested samples the tested CPI™ and A-LOK® series in all current connection sizes are covered.

