



Italia

CERTIFICATO ◆ CERTIFICADO ◆ CERTIFIKAT ◆ 證書 ◆ CERTIFICATE ◆ CERTIFIKAT ◆

CERTIFICATO

CERTIFICATE

Esame del tipo

Type-examination certificate

Certificato No.:

722133113-276096-2017-001

Certificate No.:

Nome ed indirizzo del titolare:

Name and Address of the certificate holder:

Parker Hannifin Limited
Manvers House, Office 21
Pioneer Close
Wath Upon Dearne
Rotherham S63 7JZ
United Kingdom

Parker Hannifin Corporation
Instrumentation Group
Refrigeration and Air Conditioning Europe
Strada Zona Industriale 9
35020 Sant'Angelo di Piove di Sacco - Padova
-Italy

Prodotto:

Product:

Tube connectors (Couplings, slip couplings, elbows, tees, reducers and caps)
For the usage in air-conditioning and refrigerating systems.

Modello/tipo:

Model/type:

ZoomLock Braze-Free Fittings catalog K-1
06/2017.

Verifica effettuata in accordo:

Tested in accordance with:

TÜV Italia test plan Parker Race 27/02/2017

Rapporto di prova:

Test report:

TÜV Italia report no. 722133113/2017, Parker
Engineering test report
ETR: 2017-02 rev.0

We herewith certify that the tube connectors for the respective scope of application stated in the annex to this type-examination certificate meets the requirements.

Alfio Fichera
TÜV Italia S.r.l. Industrie Service



Milano, 2017-06-19



Italia

Annex 1 to Certificate No. 722133113-276096-2017-001

ZoomLock Braze-Free tube connectors (Couplings, slip couplings, elbows, tees, reducers and caps) for the usage in air-conditioning and refrigerating systems with refrigerants and oils listed in catalog K-1 06/2017.

Type	Size	Model	Nominal Pressure
Elbows	1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8", 1-1/8", 1-3/8"	PZK-90E4-HNBR ÷ PZK-90E22-HNBR	48 bar
Tees	3/8", 1/2", 5/8", 3/4", 7/8", 1-1/8", 1-3/8"	PZK-T6-HNBR ÷ PZK-T22-HNBR	48 bar
Couplings	1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8", 1-1/8", 1-3/8"	PZK-C4-HNBR ÷ PZK-C22-HNBR	48 bar
Slip Couplings	1/4", 3/8", 1/2", 5/8", 3/4", 7/8", 1-1/8", 1-3/8"	PZK-RC4-HNBR ÷ PZK-RC22-HNBR	48 bar
Reducers	3/8" in to 1/4", 1/2" in to 1/4", 1/2" in to 3/8", 5/8" in to 1/4", 5/8" in to 3/8", 5/8" in to 1/2", 3/4" in to 1/2", 3/4" in to 5/8", 7/8" in to 1/2", 7/8" in to 5/8", 7/8" in to 3/4", 1-1/8" in to 1/2", 1-1/8" in to 5/8", 1-1/8" in to 3/4", 1-1/8" in to 7/8"	PZK-R64-HNBR ÷ PZK-R1814-HNBR	48 bar
Caps	1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8", 1-1/8", 1-3/8"	PZK-CP4-HNBR ÷ PZK-CP22-HNBR	48 bar

Fittings Material : Copper to copper connections CU-DHP according ASTM-B280

O-Ring Material: HNBR

Operating parameters:

Fittings : 250°F / 121°C

O-Ring: -40°F to +300°F (short term) / -40°C to + 148,9°C (short term)

Approved tooling:

Klauke Crimping Tool

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