

Declaration of performance (DoP) Nº20134000194/10-16.

(European construction product regulation Nº 305/2011)

1. Identification name and code:

Manually operated ball valves.
Series: PATERES
Codes: BL849

2. Manufacture's name and address:

Válvulas Arco S.L.
Av. del Cid 8. 46134 Foios (Valencia) España, Tel. (+34) 963 171 070.

3. Expected usage:

Gas families: 1, 2 y 3 according to EN437.
Pressure class: MOP5.
Nominal diameter: DN6.
Temperature class: -40°C a 60 °C.

4. Performance evidence Evaluation and verification system:

Verification system 3, according to EN331:1998/A1:2010 annex ZA.

5. Notified body:

CATIM: Centro de Apoio Tecnológico á Industria Metalomecánica. Rua dos Plátanos, 197 – 4100-414 Porto- Portugal
Notified body Nº 0464.
Evaluation system 3
Initial test type certificate Nº 20134000194/10-16 performance date: 18/03/2013.

6. Performance Declared:

Essential features	Performance	Amortized technical specifications
Efficiency – Rated flow rate	NPD	6.3 - EN331:1998/A1:2010
Dimensional tolerances	Pass	5.3 - EN331:1998/A1:2010
Leak-tightness	Pass	6.2 - EN331:1998/A1:2010
Resistance to high temperature	PND	5.7 - EN331:1998/A1:2010
Mechanical Resistance against torque and bending	Pass	6.5 - EN331:1998/A1:2010
Mechanical Resistance - Operating torque	Pass	6.4 - EN331:1998/A1:2010
Mechanical Resistance - Stop resistance	Pass	6.8 - EN331:1998/A1:2010
Endurance - Aging	Pass	6.7.1 - EN331:1998/A1:2010
Endurance – Resistance to humidity	N.A	5.1 - EN331:1998/A1:2010
Salt spray resistance	N.A	5.1.1 and 5.1.3 - EN331:1998/A1:2010
Endurance – Resistance to low temperature	Pass	6.7.2 - EN331:1998/A1:2010
Angular sealing	Pass	5.2.7 - EN331:1998/A1:2010

NPD = No performance declared.

NA = Not applicable

- Product performances shown in point 1 are according to performance declarations declared in point 6.
- The present performance declaration is emitted only by the manufacturer's responsibility shown in point 2.
- Signed in the manufacturer's name by:

Signature



Miguel San Martin.
GENERAL MANAGER
Válvulas Arco S.L.

Place and date of emission
Foios, 1st July 2013

Declaration of performance (DoP) Nº20134000194/10-1.

(European construction product regulation Nº 305/2011)

1. Identification name and code:

Manually operated ball valves.
Series: MIÑO
Codes: M1100, M1101, P0100, P0101

2. Manufacture's name and address:

Válvulas Arco S.L.
Av. del Cid 8. 46134 Foios (Valencia) España, Tel. (+34) 963 171 070.

3. Expected usage:

Gas families: 1, 2 y 3 according to EN437.
Pressure class: MOP5.
Nominal diameter: DN10.
Temperature class: -40°C a 60 °C.

4. Performance evidence Evaluation and verification system:

Verification system 3, according to EN331:1998/A1:2010 annex ZA.

5. Notified body:

CATIM: Centro de Apoio Tecnológico á Industria Metalomecánica. Rua dos Plátanos, 197 – 4100-414 Porto- Portugal
Notified body Nº 0464.
Evaluation system 3
Initial test type certificate Nº 20134000194/10-1 performance date: 18/03/2013.

6. Performance Declared:

Essential features	Performance	Amortized technical specifications
Efficiency – Rated flow rate	3	6.3 - EN331:1998/A1:2010
Dimensional tolerances	Pass	5.3 - EN331:1998/A1:2010
Leak-tightness	Pass	6.2 - EN331:1998/A1:2010
Resistance to high temperature	PND	5.7 - EN331:1998/A1:2010
Mechanical Resistance against torque and bending	Pass	6.5 - EN331:1998/A1:2010
Mechanical Resistance - Operating torque	Pass	6.4 - EN331:1998/A1:2010
Mechanical Resistance - Stop resistance	Pass	6.8 - EN331:1998/A1:2010
Endurance - Aging	Pass	6.7.1 - EN331:1998/A1:2010
Endurance – Resistance to humidity	N.A	5.1 - EN331:1998/A1:2010
Salt spray resistance	N.A	5.1.1 and 5.1.3 - EN331:1998/A1:2010
Endurance – Resistance to low temperature	Pass	6.7.2 - EN331:1998/A1:2010
Angular sealing	Pass	5.2.7 - EN331:1998/A1:2010

NPD = No performance declared.

NA = Not applicable

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Signature



Miguel San Martin.
GENERAL MANAGER
Válvulas Arco S.L.

Place and date of emission
Foios, 1st July 2013

Declaration of performance (DoP) N°20134000194/10-2.

(European construction product regulation N° 305/2011)

1. Identification name and code:

Manually operated ball valves.
Series: TER
Codes: 00516, 00517, 00603, 00604, 00518, 00519

2. Manufacture's name and address:

Válvulas Arco S.L.
Av. del Cid 8. 46134 Foios (Valencia) España, Tel. (+34) 963 171 070.

3. Expected usage:

Gas families: 1, 2 y 3 according to EN437.
Pressure class: MOP5.
Nominal diameter: DN10.
Temperature class: -40°C a 60 °C.

4. Performance evidence Evaluation and verification system:

Verification system 3, according to EN331:1998/A1:2010 annex ZA.

5. Notified body:

CATIM: Centro de Apoio Tecnológico á Industria Metalomecánica. Rua dos Plátanos, 197 – 4100-414 Porto- Portugal
Notified body N° 0464.
Evaluation system 3
Initial test type certificate N° 20134000194/10-2 performance date: 18/03/2013 + 2014000520/10-1.

6. Performance Declared:

Essential features	Performance	Amortized technical specifications
Efficiency – Rated flow rate	3	6.3 - EN331:1998/A1:2010
Dimensional tolerances	Pass	5.3 - EN331:1998/A1:2010
Leak-tightness	Pass	6.2 - EN331:1998/A1:2010
Resistance to high temperature	PND	5.7 - EN331:1998/A1:2010
Mechanical Resistance against torque and bending	Pass	6.5 - EN331:1998/A1:2010
Mechanical Resistance - Operating torque	Pass	6.4 - EN331:1998/A1:2010
Mechanical Resistance - Stop resistance	Pass	6.8 - EN331:1998/A1:2010
Endurance - Aging	Pass	6.7.1 - EN331:1998/A1:2010
Endurance – Resistance to humidity	N.A	5.1 - EN331:1998/A1:2010
Salt spray resistance	N.A	5.1.1 and 5.1.3 - EN331:1998/A1:2010
Endurance – Resistance to low temperature	Pass	6.7.2 - EN331:1998/A1:2010
Angular sealing	Pass	5.2.7 - EN331:1998/A1:2010

NPD = No performance declared.

NA = Not applicable

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Miguel San Martin.
GENERAL MANAGER
Válvulas Arco S.L.

Place and date of emission
Foios, 1st July 2013

Declaration of performance (DoP) N°20134000194/10-3.

(European construction product regulation N° 305/2011)

1. Identification name and code:

Manually operated ball valves.
Series: V
Codes: 00907, 00908, 00911, 00922, 00907R, M0905, 00912, 00912R

2. Manufacture's name and address:

Válvulas Arco S.L.
Av. del Cid 8. 46134 Foios (Valencia) España, Tel. (+34) 963 171 070.

3. Expected usage:

Gas families: 1, 2 y 3 according to EN437.
Pressure class: MOP5.
Nominal diameter: DN10.
Temperature class: -40°C a 60 °C.

4. Performance evidence Evaluation and verification system:

Verification system 3, according to EN331:1998/A1:2010 annex ZA.

5. Notified body:

CATIM: Centro de Apoio Tecnológico á Industria Metalomecánica. Rua dos Plátanos, 197 – 4100-414 Porto- Portugal
Notified body N° 0464.
Evaluation system 3
Initial test type certificate N° 20134000194/10-3 performance date: 18/03/2013.

6. Performance Declared:

Essential features	Performance	Amortized technical specifications
Efficiency – Rated flow rate	3	6.3 - EN331:1998/A1:2010
Dimensional tolerances	Pass	5.3 - EN331:1998/A1:2010
Leak-tightness	Pass	6.2 - EN331:1998/A1:2010
Resistance to high temperature	PND	5.7 - EN331:1998/A1:2010
Mechanical Resistance against torque and bending	Pass	6.5 - EN331:1998/A1:2010
Mechanical Resistance - Operating torque	Pass	6.4 - EN331:1998/A1:2010
Mechanical Resistance - Stop resistance	Pass	6.8 - EN331:1998/A1:2010
Endurance - Aging	Pass	6.7.1 - EN331:1998/A1:2010
Endurance – Resistance to humidity	N.A	5.1 - EN331:1998/A1:2010
Salt spray resistance	N.A	5.1.1 and 5.1.3 - EN331:1998/A1:2010
Endurance – Resistance to low temperature	Pass	6.7.2 - EN331:1998/A1:2010
Angular sealing	Pass	5.2.7 - EN331:1998/A1:2010

NPD = No performance declared.

NA = Not applicable

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Miguel San Martin.
GENERAL MANAGER
Válvulas Arco S.L.

Place and date of emission
Foios, 1st July 2013

Declaration of performance (DoP) N°20134000194/10-4.

(European construction product regulation N° 305/2011)

1. Identification name and code:

Manually operated ball valves.
Series: TER
Codes: 00582, 00616

2. Manufacture's name and address:

Válvulas Arco S.L.
Av. del Cid 8. 46134 Foios (Valencia) España, Tel. (+34) 963 171 070.

3. Expected usage:

Gas families: 1, 2 y 3 according to EN437.
Pressure class: MOP5.
Nominal diameter: DN10.
Temperature class: -40°C a 60 °C.

4. Performance evidence Evaluation and verification system:

Verification system 3, according to EN331:1998/A1:2010 annex ZA.

5. Notified body:

CATIM: Centro de Apoio Tecnológico á Industria Metalomecánica. Rua dos Plátanos, 197 – 4100-414 Porto- Portugal
Notified body N° 0464.
Evaluation system 3
Initial test type certificate N° 20134000194/10-4 performance date: 18/03/2013.

6. Performance Declared:

Essential features	Performance	Amortized technical specifications
Efficiency – Rated flow rate	3	6.3 - EN331:1998/A1:2010
Dimensional tolerances	Pass	5.3 - EN331:1998/A1:2010
Leak-tightness	Pass	6.2 - EN331:1998/A1:2010
Resistance to high temperature	PND	5.7 - EN331:1998/A1:2010
Mechanical Resistance against torque and bending	Pass	6.5 - EN331:1998/A1:2010
Mechanical Resistance - Operating torque	Pass	6.4 - EN331:1998/A1:2010
Mechanical Resistance - Stop resistance	Pass	6.8 - EN331:1998/A1:2010
Endurance - Aging	Pass	6.7.1 - EN331:1998/A1:2010
Endurance – Resistance to humidity	N.A	5.1 - EN331:1998/A1:2010
Salt spray resistance	N.A	5.1.1 and 5.1.3 - EN331:1998/A1:2010
Endurance – Resistance to low temperature	Pass	6.7.2 - EN331:1998/A1:2010
Angular sealing	Pass	5.2.7 - EN331:1998/A1:2010

NPD = No performance declared.

NA = Not applicable

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Miguel San Martin.
GENERAL MANAGER
Válvulas Arco S.L.

Place and date of emission
Foios, 1st July 2013

Declaration of performance (DoP) N°20134000194/10-10.

(European construction product regulation N° 305/2011)

1. Identification name and code:

Manually operated ball valves.
Series: V
Codes: 00917

2. Manufacture's name and address:

Válvulas Arco S.L.
Av. del Cid 8. 46134 Foios (Valencia) España, Tel. (+34) 963 171 070.

3. Expected usage:

Gas families: 1, 2 y 3 according to EN437.
Pressure class: MOP5.
Nominal diameter: DN10.
Temperature class: -40°C a 60 °C.

4. Performance evidence Evaluation and verification system:

Verification system 3, according to EN331:1998/A1:2010 annex ZA.

5. Notified body:

CATIM: Centro de Apoio Tecnológico á Industria Metalomecánica. Rua dos Plátanos, 197 – 4100-414 Porto- Portugal
Notified body N° 0464.
Evaluation system 3
Initial test type certificate N° 20134000194/10-10 performance date: 18/03/2013.

6. Performance Declared:

Essential features	Performance	Amortized technical specifications
Efficiency – Rated flow rate	3	6.3 - EN331:1998/A1:2010
Dimensional tolerances	Pass	5.3 - EN331:1998/A1:2010
Leak-tightness	Pass	6.2 - EN331:1998/A1:2010
Resistance to high temperature	PND	5.7 - EN331:1998/A1:2010
Mechanical Resistance against torque and bending	Pass	6.5 - EN331:1998/A1:2010
Mechanical Resistance - Operating torque	Pass	6.4 - EN331:1998/A1:2010
Mechanical Resistance - Stop resistance	Pass	6.8 - EN331:1998/A1:2010
Endurance - Aging	Pass	6.7.1 - EN331:1998/A1:2010
Endurance – Resistance to humidity	N.A	5.1 - EN331:1998/A1:2010
Salt spray resistance	N.A	5.1.1 and 5.1.3 - EN331:1998/A1:2010
Endurance – Resistance to low temperature	Pass	6.7.2 - EN331:1998/A1:2010
Angular sealing	Pass	5.2.7 - EN331:1998/A1:2010

NPD = No performance declared.

NA = Not applicable

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Miguel San Martin.
GENERAL MANAGER
Válvulas Arco S.L.

Place and date of emission
Foios, 1st July 2013

Declaration of performance (DoP) N°20134000194/10-18.

(European construction product regulation N° 305/2011)

1. Identification name and code:

Manually operated ball valves.
Series: PATERES
Codes: BL875

2. Manufacture's name and address:

Válvulas Arco S.L.
Av. del Cid 8. 46134 Foios (Valencia) España, Tel. (+34) 963 171 070.

3. Expected usage:

Gas families: 1, 2 y 3 according to EN437.
Pressure class: MOP5.
Nominal diameter: DN10.
Temperature class: -40°C a 60 °C.

4. Performance evidence Evaluation and verification system:

Verification system 3, according to EN331:1998/A1:2010 annex ZA.

5. Notified body:

CATIM: Centro de Apoio Tecnológico á Industria Metalomecánica. Rua dos Plátanos, 197 – 4100-414 Porto- Portugal
Notified body N° 0464.
Evaluation system 3
Initial test type certificate N° 20134000194/10-18 performance date: 18/03/2013.

6. Performance Declared:

Essential features	Performance	Amortized technical specifications
Efficiency – Rated flow rate	2	6.3 - EN331:1998/A1:2010
Dimensional tolerances	Pass	5.3 - EN331:1998/A1:2010
Leak-tightness	Pass	6.2 - EN331:1998/A1:2010
Resistance to high temperature	PND	5.7 - EN331:1998/A1:2010
Mechanical Resistance against torque and bending	Pass	6.5 - EN331:1998/A1:2010
Mechanical Resistance - Operating torque	Pass	6.4 - EN331:1998/A1:2010
Mechanical Resistance - Stop resistance	Pass	6.8 - EN331:1998/A1:2010
Endurance - Aging	Pass	6.7.1 - EN331:1998/A1:2010
Endurance – Resistance to humidity	N.A	5.1 - EN331:1998/A1:2010
Salt spray resistance	N.A	5.1.1 and 5.1.3 - EN331:1998/A1:2010
Endurance – Resistance to low temperature	Pass	6.7.2 - EN331:1998/A1:2010
Angular sealing	Pass	5.2.7 - EN331:1998/A1:2010

NPD = No performance declared.

NA = Not applicable

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- Signed in the manufacturer's name by:

Signature



Miguel San Martin.
GENERAL MANAGER
Válvulas Arco S.L.

Place and date of emission
Foios, 1st July 2013

Declaration of performance (DoP) N°20134000194/10-19.

(European construction product regulation N° 305/2011)

1. Identification name and code:

Manually operated ball valves.
Series: COLECTOR DUPLO
Codes: 00615

2. Manufacture's name and address:

Válvulas Arco S.L.
Av. del Cid 8. 46134 Foios (Valencia) España, Tel. (+34) 963 171 070.

3. Expected usage:

Gas families: 1, 2 y 3 according to EN437.
Pressure class: MOP5.
Nominal diameter: DN10.
Temperature class: -40°C a 60 °C.

4. Performance evidence Evaluation and verification system:

Verification system 3, according to EN331:1998/A1:2010 annex ZA.

5. Notified body:

CATIM: Centro de Apoio Tecnológico á Industria Metalomecánica. Rua dos Plátanos, 197 – 4100-414 Porto- Portugal
Notified body N° 0464.
Evaluation system 3
Initial test type certificate N° 20134000194/10-19 performance date: 18/03/2013.

6. Performance Declared:

Essential features	Performance	Amortized technical specifications
Efficiency – Rated flow rate	2	6.3 - EN331:1998/A1:2010
Dimensional tolerances	Pass	5.3 - EN331:1998/A1:2010
Leak-tightness	Pass	6.2 - EN331:1998/A1:2010
Resistance to high temperature	PND	5.7 - EN331:1998/A1:2010
Mechanical Resistance against torque and bending	Pass	6.5 - EN331:1998/A1:2010
Mechanical Resistance - Operating torque	Pass	6.4 - EN331:1998/A1:2010
Mechanical Resistance - Stop resistance	Pass	6.8 - EN331:1998/A1:2010
Endurance - Aging	Pass	6.7.1 - EN331:1998/A1:2010
Endurance – Resistance to humidity	N.A	5.1 - EN331:1998/A1:2010
Salt spray resistance	N.A	5.1.1 and 5.1.3 - EN331:1998/A1:2010
Endurance – Resistance to low temperature	Pass	6.7.2 - EN331:1998/A1:2010
Angular sealing	Pass	5.2.7 - EN331:1998/A1:2010

NPD = No performance declared.

NA = Not applicable

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Signature



Miguel San Martin.
GENERAL MANAGER
Válvulas Arco S.L.

Place and date of emission
Foios, 1st July 2013

Declaration of performance (DoP) N°20134000194/10-17.

(European construction product regulation N° 305/2011)

1. Identification name and code:

Manually operated ball valves.
Series: PATERES
Codes: BL851

2. Manufacture's name and address:

Válvulas Arco S.L.
Av. del Cid 8. 46134 Foios (Valencia) España, Tel. (+34) 963 171 070.

3. Expected usage:

Gas families: 1, 2 y 3 according to EN437.
Pressure class: MOP5.
Nominal diameter: DN12.
Temperature class: -40°C a 60 °C.

4. Performance evidence Evaluation and verification system:

Verification system 3, according to EN331:1998/A1:2010 annex ZA.

5. Notified body:

CATIM: Centro de Apoio Tecnológico á Industria Metalomecánica. Rua dos Plátanos, 197 – 4100-414 Porto- Portugal
Notified body N° 0464.
Evaluation system 3
Initial test type certificate N° 20134000194/10-17 performance date: 18/03/2013.

6. Performance Declared:

Essential features	Performance	Amortized technical specifications
Efficiency – Rated flow rate	2,5	6.3 - EN331:1998/A1:2010
Dimensional tolerances	Pass	5.3 - EN331:1998/A1:2010
Leak-tightness	Pass	6.2 - EN331:1998/A1:2010
Resistance to high temperature	PND	5.7 - EN331:1998/A1:2010
Mechanical Resistance against torque and bending	Pass	6.5 - EN331:1998/A1:2010
Mechanical Resistance - Operating torque	Pass	6.4 - EN331:1998/A1:2010
Mechanical Resistance - Stop resistance	Pass	6.8 - EN331:1998/A1:2010
Endurance - Aging	Pass	6.7.1 - EN331:1998/A1:2010
Endurance – Resistance to humidity	N.A	5.1 - EN331:1998/A1:2010
Salt spray resistance	N.A	5.1.1 and 5.1.3 - EN331:1998/A1:2010
Endurance – Resistance to low temperature	Pass	6.7.2 - EN331:1998/A1:2010
Angular sealing	Pass	5.2.7 - EN331:1998/A1:2010

NPD = No performance declared.

NA = Not applicable

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Signature



Miguel San Martin.
GENERAL MANAGER
Válvulas Arco S.L.

Place and date of emission
Foios, 1st July 2013

Declaration of performance (DoP) N°20134000194/10-5.

(European construction product regulation N° 305/2011)

1. Identification name and code:

Manually operated ball valves.

Series: TER & V

Codes: 00502, 00501, 00601, 00593, 00596, 00530, 00600, 00605, 00601R

2. Manufacture's name and address:

Válvulas Arco S.L.

Av. del Cid 8. 46134 Foios (Valencia) España, Tel. (+34) 963 171 070.

3. Expected usage:

Gas families: 1, 2 y 3 according to EN437.

Pressure class: MOP5.

Nominal diameter: DN15.

Temperature class: -40°C a 60 °C.

4. Performance evidence Evaluation and verification system:

Verification system 3, according to EN331:1998/A1:2010 annex ZA.

5. Notified body:

CATIM: Centro de Apoio Tecnológico á Industria Metalomecánica. Rua dos Plátanos, 197 – 4100-414 Porto- Portugal

Notified body N° 0464.

Evaluation system 3

Initial test type certificate N° 20134000194/10-5 performance date: 18/03/2013 + 20144000520/10-2 Y 20144000887/10.

6. Performance Declared:

Essential features	Performance	Amortized technical specifications
Efficiency – Rated flow rate	7,5	6.3 - EN331:1998/A1:2010
Dimensional tolerances	Pass	5.3 - EN331:1998/A1:2010
Leak-tightness	Pass	6.2 - EN331:1998/A1:2010
Resistance to high temperature	PND	5.7 - EN331:1998/A1:2010
Mechanical Resistance against torque and bending	Pass	6.5 - EN331:1998/A1:2010
Mechanical Resistance - Operating torque	Pass	6.4 - EN331:1998/A1:2010
Mechanical Resistance - Stop resistance	Pass	6.8 - EN331:1998/A1:2010
Endurance - Aging	Pass	6.7.1 - EN331:1998/A1:2010
Endurance – Resistance to humidity	N.A	5.1 - EN331:1998/A1:2010
Salt spray resistance	N.A	5.1.1 and 5.1.3 - EN331:1998/A1:2010
Endurance – Resistance to low temperature	Pass	6.7.2 - EN331:1998/A1:2010
Angular sealing	Pass	5.2.7 - EN331:1998/A1:2010

NPD = No performance declared.

NA = Not applicable

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Signature



Miguel San Martin.
GENERAL MANAGER
Válvulas Arco S.L.

Place and date of emission
Foios, 1st July 2013

Declaration of performance (DoP) N°20134000194/10-9.

(European construction product regulation N° 305/2011)

1. Identification name and code:

Manually operated ball valves.
Series: V
Codes: 00610

2. Manufacture's name and address:

Válvulas Arco S.L.
Av. del Cid 8. 46134 Foios (Valencia) España, Tel. (+34) 963 171 070.

3. Expected usage:

Gas families: 1, 2 y 3 according to EN437.
Pressure class: MOP5.
Nominal diameter: DN15.
Temperature class: -40°C a 60 °C.

4. Performance evidence Evaluation and verification system:

Verification system 3, according to EN331:1998/A1:2010 annex ZA.

5. Notified body:

CATIM: Centro de Apoio Tecnológico á Industria Metalomecánica. Rua dos Plátanos, 197 – 4100-414 Porto- Portugal
Notified body N° 0464.
Evaluation system 3
Initial test type certificate N° 20134000194/10-9 performance date: 18/03/2013 +20144000520/10-2.

6. Performance Declared:

Essential features	Performance	Amortized technical specifications
Efficiency – Rated flow rate	5	6.3 - EN331:1998/A1:2010
Dimensional tolerances	Pass	5.3 - EN331:1998/A1:2010
Leak-tightness	Pass	6.2 - EN331:1998/A1:2010
Resistance to high temperature	PND	5.7 - EN331:1998/A1:2010
Mechanical Resistance against torque and bending	Pass	6.5 - EN331:1998/A1:2010
Mechanical Resistance - Operating torque	Pass	6.4 - EN331:1998/A1:2010
Mechanical Resistance - Stop resistance	Pass	6.8 - EN331:1998/A1:2010
Endurance - Aging	Pass	6.7.1 - EN331:1998/A1:2010
Endurance – Resistance to humidity	N.A	5.1 - EN331:1998/A1:2010
Salt spray resistance	N.A	5.1.1 and 5.1.3 - EN331:1998/A1:2010
Endurance – Resistance to low temperature	Pass	6.7.2 - EN331:1998/A1:2010
Angular sealing	Pass	5.2.7 - EN331:1998/A1:2010

NPD = No performance declared.

NA = Not applicable

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- Signed in the manufacturer's name by:

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Miguel San Martin.
GENERAL MANAGER
Válvulas Arco S.L.

Place and date of emission
Foios, 1st July 2013

Declaration of performance (DoP) N°20134000194/10-11.

(European construction product regulation N° 305/2011)

1. Identification name and code:

Manually operated ball valves.
Series: TER CONTADOR ESCUADRA
Codes: 00497, 00498

2. Manufacture's name and address:

Válvulas Arco S.L.
Av. del Cid 8. 46134 Foios (Valencia) España, Tel. (+34) 963 171 070.

3. Expected usage:

Gas families: 1, 2 y 3 according to EN437.
Pressure class: MOP5.
Nominal diameter: DN15.
Temperature class: -40°C a 60 °C.

4. Performance evidence Evaluation and verification system:

Verification system 3, according to EN331:1998/A1:2010 annex ZA.

5. Notified body:

CATIM: Centro de Apoio Tecnológico á Industria Metalomecánica. Rua dos Plátanos, 197 – 4100-414 Porto- Portugal
Notified body N° 0464.
Evaluation system 3
Initial test type certificate N° 20134000194/10-11 performance date: 18/03/2013.

6. Performance Declared:

Essential features	Performance	Amortized technical specifications
Efficiency – Rated flow rate	3,5	6.3 - EN331:1998/A1:2010
Dimensional tolerances	Pass	5.3 - EN331:1998/A1:2010
Leak-tightness	Pass	6.2 - EN331:1998/A1:2010
Resistance to high temperature	PND	5.7 - EN331:1998/A1:2010
Mechanical Resistance against torque and bending	Pass	6.5 - EN331:1998/A1:2010
Mechanical Resistance - Operating torque	Pass	6.4 - EN331:1998/A1:2010
Mechanical Resistance - Stop resistance	Pass	6.8 - EN331:1998/A1:2010
Endurance - Aging	Pass	6.7.1 - EN331:1998/A1:2010
Endurance – Resistance to humidity	N.A	5.1 - EN331:1998/A1:2010
Salt spray resistance	N.A	5.1.1 and 5.1.3 - EN331:1998/A1:2010
Endurance – Resistance to low temperature	Pass	6.7.2 - EN331:1998/A1:2010
Angular sealing	Pass	5.2.7 - EN331:1998/A1:2010

NPD = No performance declared.

NA = Not applicable

- Product performances shown in point 1 are according to performance declarations declared in point 6.
- The present performance declaration is emitted only by the manufacturer's responsibility shown in point 2.
- Signed in the manufacturer's name by:

Signature



Miguel San Martin.
GENERAL MANAGER
Válvulas Arco S.L.

Place and date of emission
Foios, 1st July 2013

Declaration of performance (DoP) N°20134000194/10-20.

(European construction product regulation N° 305/2011)

1. Identification name and code:

Manually operated ball valves.

Series: MIÑO

Codes: 00580, 00582, M1102, M1113, M1127, M1127CR, M1128CR, IM102, P0102, PM102

2. Manufacture's name and address:

Válvulas Arco S.L.

Av. del Cid 8. 46134 Foios (Valencia) España, Tel. (+34) 963 171 070.

3. Expected usage:

Gas families: 1, 2 y 3 according to EN437.

Pressure class: MOP5.

Nominal diameter: DN15.

Temperature class: -40°C a 60 °C.

4. Performance evidence Evaluation and verification system:

Verification system 3, according to EN331:1998/A1:2010 annex ZA.

5. Notified body:

CATIM: Centro de Apoio Tecnológico á Industria Metalomecánica. Rua dos Plátanos, 197 – 4100-414 Porto- Portugal
Notified body N° 0464.

Evaluation system 3

Initial test type certificate N° 20134000194/10-20 performance date: 18/03/2013.

6. Performance Declared:

Essential features	Performance	Amortized technical specifications
Efficiency – Rated flow rate	5	6.3 - EN331:1998/A1:2010
Dimensional tolerances	Pass	5.3 - EN331:1998/A1:2010
Leak-tightness	Pass	6.2 - EN331:1998/A1:2010
Resistance to high temperature	PND	5.7 - EN331:1998/A1:2010
Mechanical Resistance against torque and bending	Pass	6.5 - EN331:1998/A1:2010
Mechanical Resistance - Operating torque	Pass	6.4 - EN331:1998/A1:2010
Mechanical Resistance - Stop resistance	Pass	6.8 - EN331:1998/A1:2010
Endurance - Aging	Pass	6.7.1 - EN331:1998/A1:2010
Endurance – Resistance to humidity	N.A	5.1 - EN331:1998/A1:2010
Salt spray resistance	N.A	5.1.1 and 5.1.3 - EN331:1998/A1:2010
Endurance – Resistance to low temperature	Pass	6.7.2 - EN331:1998/A1:2010
Angular sealing	Pass	5.2.7 - EN331:1998/A1:2010

NPD = No performance declared.

NA = Not applicable

- Product performances shown in point 1 are according to performance declarations declared in point 6.
- The present performance declaration is emitted only by the manufacturer's responsibility shown in point 2.
- Signed in the manufacturer's name by:

Signature



Miguel San Martin.
GENERAL MANAGER
Válvulas Arco S.L.

Place and date of emission
Foios, 1st July 2013

Declaration of performance (DoP) N°20134000194/10-6.

(European construction product regulation N° 305/2011)

1. Identification name and code:

Manually operated ball valves.
Series: TER
Codes: 00503, 00504, 00510, 00511, 00595, 00598

2. Manufacture's name and address:

Válvulas Arco S.L.
Av. del Cid 8. 46134 Foios (Valencia) España, Tel. (+34) 963 171 070.

3. Expected usage:

Gas families: 1, 2 y 3 according to EN437.
Pressure class: MOP5.
Nominal diameter: DN20.
Temperature class: -40°C a 60 °C.

4. Performance evidence Evaluation and verification system:

Verification system 3, according to EN331:1998/A1:2010 annex ZA.

5. Notified body:

CATIM: Centro de Apoio Tecnológico á Industria Metalomecánica. Rua dos Plátanos, 197 – 4100-414 Porto- Portugal
Notified body N° 0464.
Evaluation system 3
Initial test type certificate N° 20134000194/10-6 performance date: 18/03/2013.

6. Performance Declared:

Essential features	Performance	Amortized technical specifications
Efficiency – Rated flow rate	10	6.3 - EN331:1998/A1:2010
Dimensional tolerances	Pass	5.3 - EN331:1998/A1:2010
Leak-tightness	Pass	6.2 - EN331:1998/A1:2010
Resistance to high temperature	PND	5.7 - EN331:1998/A1:2010
Mechanical Resistance against torque and bending	Pass	6.5 - EN331:1998/A1:2010
Mechanical Resistance - Operating torque	Pass	6.4 - EN331:1998/A1:2010
Mechanical Resistance - Stop resistance	Pass	6.8 - EN331:1998/A1:2010
Endurance - Aging	Pass	6.7.1 - EN331:1998/A1:2010
Endurance – Resistance to humidity	N.A	5.1 - EN331:1998/A1:2010
Salt spray resistance	N.A	5.1.1 and 5.1.3 - EN331:1998/A1:2010
Endurance – Resistance to low temperature	Pass	6.7.2 - EN331:1998/A1:2010
Angular sealing	Pass	5.2.7 - EN331:1998/A1:2010

NPD = No performance declared.

NA = Not applicable

- Product performances shown in point 1 are according to performance declarations declared in point 6.
- The present performance declaration is emitted only by the manufacturer's responsibility shown in point 2.
- Signed in the manufacturer's name by:

Signature



Miguel San Martin.
GENERAL MANAGER
Válvulas Arco S.L.

Place and date of emission
Foios, 1st July 2013

Declaration of performance (DoP) N°20134000194/10-12.

(European construction product regulation N° 305/2011)

1. Identification name and code:

Manually operated ball valves.
Series: TER CONTADOR ESCUADRA
Codes: 00513, 00514

2. Manufacture's name and address:

Válvulas Arco S.L.
Av. del Cid 8. 46134 Foios (Valencia) España, Tel. (+34) 963 171 070.

3. Expected usage:

Gas families: 1, 2 y 3 according to EN437.
Pressure class: MOP5.
Nominal diameter: DN20.
Temperature class: -40°C a 60 °C.

4. Performance evidence Evaluation and verification system:

Verification system 3, according to EN331:1998/A1:2010 annex ZA.

5. Notified body:

CATIM: Centro de Apoio Tecnológico á Industria Metalomecánica. Rua dos Plátanos, 197 – 4100-414 Porto- Portugal
Notified body N° 0464.
Evaluation system 3
Initial test type certificate N° 20134000194/10-12 performance date: 18/03/2013.

6. Performance Declared:

Essential features	Performance	Amortized technical specifications
Efficiency – Rated flow rate	6	6.3 - EN331:1998/A1:2010
Dimensional tolerances	Pass	5.3 - EN331:1998/A1:2010
Leak-tightness	Pass	6.2 - EN331:1998/A1:2010
Resistance to high temperature	PND	5.7 - EN331:1998/A1:2010
Mechanical Resistance against torque and bending	Pass	6.5 - EN331:1998/A1:2010
Mechanical Resistance - Operating torque	Pass	6.4 - EN331:1998/A1:2010
Mechanical Resistance - Stop resistance	Pass	6.8 - EN331:1998/A1:2010
Endurance - Aging	Pass	6.7.1 - EN331:1998/A1:2010
Endurance – Resistance to humidity	N.A	5.1 - EN331:1998/A1:2010
Salt spray resistance	N.A	5.1.1 and 5.1.3 - EN331:1998/A1:2010
Endurance – Resistance to low temperature	Pass	6.7.2 - EN331:1998/A1:2010
Angular sealing	Pass	5.2.7 - EN331:1998/A1:2010

NPD = No performance declared.

NA = Not applicable

- Product performances shown in point 1 are according to performance declarations declared in point 6.
- The present performance declaration is emitted only by the manufacturer's responsibility shown in point 2.
- Signed in the manufacturer's name by:

Signature



Miguel San Martin.
GENERAL MANAGER
Válvulas Arco S.L.

Place and date of emission
Foios, 1st July 2013

Declaration of performance (DoP) Nº20134000194/10-21.

(European construction product regulation Nº 305/2011)

1. Identification name and code:

Manually operated ball valves.

Series: MIÑO

Codes: M1103, M1114, IM103, P0103, PM103, M1129, M1129CR, M1130, M1130CR, 00581, 00583

2. Manufacture's name and address:

Válvulas Arco S.L.

Av. del Cid 8. 46134 Foios (Valencia) España, Tel. (+34) 963 171 070.

3. Expected usage:

Gas families: 1, 2 y 3 according to EN437.

Pressure class: MOP5.

Nominal diameter: DN20.

Temperature class: -40°C a 60 °C.

4. Performance evidence Evaluation and verification system:

Verification system 3, according to EN331:1998/A1:2010 annex ZA.

5. Notified body:

CATIM: Centro de Apoio Tecnológico á Industria Metalomecánica. Rua dos Plátanos, 197 – 4100-414 Porto- Portugal
Notified body Nº 0464.

Evaluation system 3

Initial test type certificate Nº 20134000194/10-21 performance date: 18/03/2013.

6. Performance Declared:

Essential features	Performance	Amortized technical specifications
Efficiency – Rated flow rate	10	6.3 - EN331:1998/A1:2010
Dimensional tolerances	Pass	5.3 - EN331:1998/A1:2010
Leak-tightness	Pass	6.2 - EN331:1998/A1:2010
Resistance to high temperature	PND	5.7 - EN331:1998/A1:2010
Mechanical Resistance against torque and bending	Pass	6.5 - EN331:1998/A1:2010
Mechanical Resistance - Operating torque	Pass	6.4 - EN331:1998/A1:2010
Mechanical Resistance - Stop resistance	Pass	6.8 - EN331:1998/A1:2010
Endurance - Aging	Pass	6.7.1 - EN331:1998/A1:2010
Endurance – Resistance to humidity	N.A	5.1 - EN331:1998/A1:2010
Salt spray resistance	N.A	5.1.1 and 5.1.3 - EN331:1998/A1:2010
Endurance – Resistance to low temperature	Pass	6.7.2 - EN331:1998/A1:2010
Angular sealing	Pass	5.2.7 - EN331:1998/A1:2010

NPD = No performance declared.

NA = Not applicable

- Product performances shown in point 1 are according to performance declarations declared in point 6.
- The present performance declaration is emitted only by the manufacturer's responsibility shown in point 2.
- Signed in the manufacturer's name by:

Signature



Miguel San Martin.
GENERAL MANAGER
Válvulas Arco S.L.

Place and date of emission
Foios, 1st July 2013

Declaration of performance (DoP) N°20134000194/10-22.

(European construction product regulation N° 305/2011)

1. Identification name and code:

Manually operated ball valves.

Series: MIÑO

Codes: M1104, M1115, IM104, P0104, PM104, M1131, M1131CR, M1132, M1132CR

2. Manufacture's name and address:

Válvulas Arco S.L.

Av. del Cid 8. 46134 Foios (Valencia) España, Tel. (+34) 963 171 070.

3. Expected usage:

Gas families: 1, 2 y 3 according to EN437.

Pressure class: MOP5.

Nominal diameter: DN25.

Temperature class: -40°C a 60 °C.

4. Performance evidence Evaluation and verification system:

Verification system 3, according to EN331:1998/A1:2010 annex ZA.

5. Notified body:

CATIM: Centro de Apoio Tecnológico á Industria Metalomecánica. Rua dos Plátanos, 197 – 4100-414 Porto- Portugal
Notified body N° 0464.

Evaluation system 3

Initial test type certificate N° 20134000194/10-22 performance date: 18/03/2013.

6. Performance Declared:

Essential features	Performance	Amortized technical specifications
Efficiency – Rated flow rate	16	6.3 - EN331:1998/A1:2010
Dimensional tolerances	Pass	5.3 - EN331:1998/A1:2010
Leak-tightness	Pass	6.2 - EN331:1998/A1:2010
Resistance to high temperature	PND	5.7 - EN331:1998/A1:2010
Mechanical Resistance against torque and bending	Pass	6.5 - EN331:1998/A1:2010
Mechanical Resistance - Operating torque	Pass	6.4 - EN331:1998/A1:2010
Mechanical Resistance - Stop resistance	Pass	6.8 - EN331:1998/A1:2010
Endurance - Aging	Pass	6.7.1 - EN331:1998/A1:2010
Endurance – Resistance to humidity	N.A	5.1 - EN331:1998/A1:2010
Salt spray resistance	N.A	5.1.1 and 5.1.3 - EN331:1998/A1:2010
Endurance – Resistance to low temperature	Pass	6.7.2 - EN331:1998/A1:2010
Angular sealing	Pass	5.2.7 - EN331:1998/A1:2010

NPD = No performance declared.

NA = Not applicable

- Product performances shown in point 1 are according to performance declarations declared in point 6.
- The present performance declaration is emitted only by the manufacturer's responsibility shown in point 2.
- Signed in the manufacturer's name by:

Signature



Miguel San Martin.
GENERAL MANAGER
Válvulas Arco S.L.

Place and date of emission
Foios, 1st July 2013

Declaration of performance (DoP) Nº20134000194/10-7.

(European construction product regulation Nº 305/2011)

1. Identification name and code:

Manually operated ball valves.
Series: TER
Codes: 00505, 00506, 00512, 00515

2. Manufacture's name and address:

Válvulas Arco S.L.
Av. del Cid 8. 46134 Foios (Valencia) España, Tel. (+34) 963 171 070.

3. Expected usage:

Gas families: 1, 2 y 3 according to EN437.
Pressure class: MOP5.
Nominal diameter: DN25.
Temperature class: -40°C a 60 °C.

4. Performance evidence Evaluation and verification system:

Verification system 3, according to EN331:1998/A1:2010 annex ZA.

5. Notified body:

CATIM: Centro de Apoio Tecnológico á Industria Metalomecánica. Rua dos Plátanos, 197 – 4100-414 Porto- Portugal
Notified body Nº 0464.
Evaluation system 3
Initial test type certificate Nº 20134000194/10-7 performance date: 18/03/2013.

6. Performance Declared:

Essential features	Performance	Amortized technical specifications
Efficiency – Rated flow rate	16	6.3 - EN331:1998/A1:2010
Dimensional tolerances	Pass	5.3 - EN331:1998/A1:2010
Leak-tightness	Pass	6.2 - EN331:1998/A1:2010
Resistance to high temperature	PND	5.7 - EN331:1998/A1:2010
Mechanical Resistance against torque and bending	Pass	6.5 - EN331:1998/A1:2010
Mechanical Resistance - Operating torque	Pass	6.4 - EN331:1998/A1:2010
Mechanical Resistance - Stop resistance	Pass	6.8 - EN331:1998/A1:2010
Endurance - Aging	Pass	6.7.1 - EN331:1998/A1:2010
Endurance – Resistance to humidity	N.A	5.1 - EN331:1998/A1:2010
Salt spray resistance	N.A	5.1.1 and 5.1.3 - EN331:1998/A1:2010
Endurance – Resistance to low temperature	Pass	6.7.2 - EN331:1998/A1:2010
Angular sealing	Pass	5.2.7 - EN331:1998/A1:2010

NPD = No performance declared.

NA = Not applicable

- Product performances shown in point 1 are according to performance declarations declared in point 6.
- The present performance declaration is emitted only by the manufacturer's responsibility shown in point 2.
- Signed in the manufacturer's name by:

Signature



Miguel San Martin.
GENERAL MANAGER
Válvulas Arco S.L.

Place and date of emission
Foios, 1st July 2013

Declaration of performance (DoP) Nº20134000194/10-14.

(European construction product regulation Nº 305/2011)

1. Identification name and code:

Manually operated ball valves.
Series: TER CONTADOR ESCUADRA
Codes: 00536

2. Manufacture's name and address:

Válvulas Arco S.L.
Av. del Cid 8. 46134 Foios (Valencia) España, Tel. (+34) 963 171 070.

3. Expected usage:

Gas families: 1, 2 y 3 according to EN437.
Pressure class: MOP5.
Nominal diameter: DN25.
Temperature class: -40°C a 60 °C.

4. Performance evidence Evaluation and verification system:

Verification system 3, according to EN331:1998/A1:2010 annex ZA.

5. Notified body:

CATIM: Centro de Apoio Tecnológico á Industria Metalomecánica. Rua dos Plátanos, 197 – 4100-414 Porto- Portugal
Notified body Nº 0464.
Evaluation system 3
Initial test type certificate Nº 20134000194/10-14 performance date: 18/03/2013.

6. Performance Declared:

Essential features	Performance	Amortized technical specifications
Efficiency – Rated flow rate	10	6.3 - EN331:1998/A1:2010
Dimensional tolerances	Pass	5.3 - EN331:1998/A1:2010
Leak-tightness	Pass	6.2 - EN331:1998/A1:2010
Resistance to high temperature	PND	5.7 - EN331:1998/A1:2010
Mechanical Resistance against torque and bending	Pass	6.5 - EN331:1998/A1:2010
Mechanical Resistance - Operating torque	Pass	6.4 - EN331:1998/A1:2010
Mechanical Resistance - Stop resistance	Pass	6.8 - EN331:1998/A1:2010
Endurance - Aging	Pass	6.7.1 - EN331:1998/A1:2010
Endurance – Resistance to humidity	N.A	5.1 - EN331:1998/A1:2010
Salt spray resistance	N.A	5.1.1 and 5.1.3 - EN331:1998/A1:2010
Endurance – Resistance to low temperature	Pass	6.7.2 - EN331:1998/A1:2010
Angular sealing	Pass	5.2.7 - EN331:1998/A1:2010

NPD = No performance declared.

NA = Not applicable

- Product performances shown in point 1 are according to performance declarations declared in point 6.
- The present performance declaration is emitted only by the manufacturer's responsibility shown in point 2.
- Signed in the manufacturer's name by:

Signature



Miguel San Martin.
GENERAL MANAGER
Válvulas Arco S.L.

Place and date of emission
Foios, 1st July 2013

Declaration of performance (DoP) N°20134000194/10-23.

(European construction product regulation N° 305/2011)

1. Identification name and code:

Manually operated ball valves.
Series: MIÑO
Codes: M1105, IM105, P0105

2. Manufacture's name and address:

Válvulas Arco S.L.
Av. del Cid 8. 46134 Foios (Valencia) España, Tel. (+34) 963 171 070.

3. Expected usage:

Gas families: 1, 2 y 3 according to EN437.
Pressure class: MOP5.
Nominal diameter: DN32.
Temperature class: -40°C a 60 °C.

4. Performance evidence Evaluation and verification system:

Verification system 3, according to EN331:1998/A1:2010 annex ZA.

5. Notified body:

CATIM: Centro de Apoio Tecnológico á Industria Metalomecánica. Rua dos Plátanos, 197 – 4100-414 Porto- Portugal
Notified body N° 0464.
Evaluation system 3
Initial test type certificate N° 20134000194/10-23 performance date: 18/03/2013.

6. Performance Declared:

Essential features	Performance	Amortized technical specifications
Efficiency – Rated flow rate	27	6.3 - EN331:1998/A1:2010
Dimensional tolerances	Pass	5.3 - EN331:1998/A1:2010
Leak-tightness	Pass	6.2 - EN331:1998/A1:2010
Resistance to high temperature	PND	5.7 - EN331:1998/A1:2010
Mechanical Resistance against torque and bending	Pass	6.5 - EN331:1998/A1:2010
Mechanical Resistance - Operating torque	Pass	6.4 - EN331:1998/A1:2010
Mechanical Resistance - Stop resistance	Pass	6.8 - EN331:1998/A1:2010
Endurance - Aging	Pass	6.7.1 - EN331:1998/A1:2010
Endurance – Resistance to humidity	N.A	5.1 - EN331:1998/A1:2010
Salt spray resistance	N.A	5.1.1 and 5.1.3 - EN331:1998/A1:2010
Endurance – Resistance to low temperature	Pass	6.7.2 - EN331:1998/A1:2010
Angular sealing	Pass	5.2.7 - EN331:1998/A1:2010

NPD = No performance declared.

NA = Not applicable

- Product performances shown in point 1 are according to performance declarations declared in point 6.
- The present performance declaration is emitted only by the manufacturer's responsibility shown in point 2.
- Signed in the manufacturer's name by:

Signature



Miguel San Martin.
GENERAL MANAGER
Válvulas Arco S.L.

Place and date of emission
Foios, 1st July 2013

Declaration of performance (DoP) Nº20134000194/10-8.

(European construction product regulation Nº 305/2011)

1. Identification name and code:

Manually operated ball valves.
Series: TER
Codes: 00507

2. Manufacture's name and address:

Válvulas Arco S.L.
Av. del Cid 8. 46134 Foios (Valencia) España, Tel. (+34) 963 171 070.

3. Expected usage:

Gas families: 1, 2 y 3 according to EN437.
Pressure class: MOP5.
Nominal diameter: DN32.
Temperature class: -40°C a 60 °C.

4. Performance evidence Evaluation and verification system:

Verification system 3, according to EN331:1998/A1:2010 annex ZA.

5. Notified body:

CATIM: Centro de Apoio Tecnológico á Industria Metalomecánica. Rua dos Plátanos, 197 – 4100-414 Porto- Portugal
Notified body Nº 0464.
Evaluation system 3
Initial test type certificate Nº 20134000194/10-8 performance date: 18/03/2013.

6. Performance Declared:

Essential features	Performance	Amortized technical specifications
Efficiency – Rated flow rate	27	6.3 - EN331:1998/A1:2010
Dimensional tolerances	Pass	5.3 - EN331:1998/A1:2010
Leak-tightness	Pass	6.2 - EN331:1998/A1:2010
Resistance to high temperature	PND	5.7 - EN331:1998/A1:2010
Mechanical Resistance against torque and bending	Pass	6.5 - EN331:1998/A1:2010
Mechanical Resistance - Operating torque	Pass	6.4 - EN331:1998/A1:2010
Mechanical Resistance - Stop resistance	Pass	6.8 - EN331:1998/A1:2010
Endurance - Aging	Pass	6.7.1 - EN331:1998/A1:2010
Endurance – Resistance to humidity	N.A	5.1 - EN331:1998/A1:2010
Salt spray resistance	N.A	5.1.1 and 5.1.3 - EN331:1998/A1:2010
Endurance – Resistance to low temperature	Pass	6.7.2 - EN331:1998/A1:2010
Angular sealing	Pass	5.2.7 - EN331:1998/A1:2010

NPD = No performance declared.

NA = Not applicable

- Product performances shown in point 1 are according to performance declarations declared in point 6.
- The present performance declaration is emitted only by the manufacturer's responsibility shown in point 2.
- Signed in the manufacturer's name by:

Signature



Miguel San Martin.
GENERAL MANAGER
Válvulas Arco S.L.

Place and date of emission
Foios, 1st July 2013

Declaration of performance (DoP) N°20134000194/10-13.

(European construction product regulation N° 305/2011)

1. Identification name and code:

Manually operated ball valves.
Series: TER
Codes: 00508

2. Manufacture's name and address:

Válvulas Arco S.L.
Av. del Cid 8. 46134 Foios (Valencia) España, Tel. (+34) 963 171 070.

3. Expected usage:

Gas families: 1, 2 y 3 according to EN437.
Pressure class: MOP5.
Nominal diameter: DN40.
Temperature class: -40°C a 60 °C.

4. Performance evidence Evaluation and verification system:

Verification system 3, according to EN331:1998/A1:2010 annex ZA.

5. Notified body:

CATIM: Centro de Apoio Tecnológico á Industria Metalomecánica. Rua dos Plátanos, 197 – 4100-414 Porto- Portugal
Notified body N° 0464.
Evaluation system 3
Initial test type certificate N° 20134000194/10-13 performance date: 18/03/2013.

6. Performance Declared:

Essential features	Performance	Amortized technical specifications
Efficiency – Rated flow rate	40	6.3 - EN331:1998/A1:2010
Dimensional tolerances	Pass	5.3 - EN331:1998/A1:2010
Leak-tightness	Pass	6.2 - EN331:1998/A1:2010
Resistance to high temperature	PND	5.7 - EN331:1998/A1:2010
Mechanical Resistance against torque and bending	Pass	6.5 - EN331:1998/A1:2010
Mechanical Resistance - Operating torque	Pass	6.4 - EN331:1998/A1:2010
Mechanical Resistance - Stop resistance	Pass	6.8 - EN331:1998/A1:2010
Endurance - Aging	Pass	6.7.1 - EN331:1998/A1:2010
Endurance – Resistance to humidity	N.A	5.1 - EN331:1998/A1:2010
Salt spray resistance	N.A	5.1.1 and 5.1.3 - EN331:1998/A1:2010
Endurance – Resistance to low temperature	Pass	6.7.2 - EN331:1998/A1:2010
Angular sealing	Pass	5.2.7 - EN331:1998/A1:2010

NPD = No performance declared.

NA = Not applicable

- Product performances shown in point 1 are according to performance declarations declared in point 6.
- The present performance declaration is emitted only by the manufacturer's responsibility shown in point 2.
- Signed in the manufacturer's name by:

Signature



Miguel San Martin.
GENERAL MANAGER
Válvulas Arco S.L.

Place and date of emission
Foios, 1st July 2013

Declaration of performance (DoP) N°20134000194/10-24.

(European construction product regulation N° 305/2011)

1. Identification name and code:

Manually operated ball valves.
Series: MIÑO
Codes: M1106, IM106, P0106

2. Manufacture's name and address:

Válvulas Arco S.L.
Av. del Cid 8. 46134 Foios (Valencia) España, Tel. (+34) 963 171 070.

3. Expected usage:

Gas families: 1, 2 y 3 according to EN437.
Pressure class: MOP5.
Nominal diameter: DN40.
Temperature class: -40°C a 60 °C.

4. Performance evidence Evaluation and verification system:

Verification system 3, according to EN331:1998/A1:2010 annex ZA.

5. Notified body:

CATIM: Centro de Apoio Tecnológico á Industria Metalomecánica. Rua dos Plátanos, 197 – 4100-414 Porto- Portugal
Notified body N° 0464.
Evaluation system 3
Initial test type certificate N° 20134000194/10-24 performance date: 18/03/2013.

6. Performance Declared:

Essential features	Performance	Amortized technical specifications
Efficiency – Rated flow rate	40	6.3 - EN331:1998/A1:2010
Dimensional tolerances	Pass	5.3 - EN331:1998/A1:2010
Leak-tightness	Pass	6.2 - EN331:1998/A1:2010
Resistance to high temperature	PND	5.7 - EN331:1998/A1:2010
Mechanical Resistance against torque and bending	Pass	6.5 - EN331:1998/A1:2010
Mechanical Resistance - Operating torque	Pass	6.4 - EN331:1998/A1:2010
Mechanical Resistance - Stop resistance	Pass	6.8 - EN331:1998/A1:2010
Endurance - Aging	Pass	6.7.1 - EN331:1998/A1:2010
Endurance – Resistance to humidity	N.A	5.1 - EN331:1998/A1:2010
Salt spray resistance	N.A	5.1.1 and 5.1.3 - EN331:1998/A1:2010
Endurance – Resistance to low temperature	Pass	6.7.2 - EN331:1998/A1:2010
Angular sealing	Pass	5.2.7 - EN331:1998/A1:2010

NPD = No performance declared.

NA = Not applicable

- Product performances shown in point 1 are according to performance declarations declared in point 6.
- The present performance declaration is emitted only by the manufacturer's responsibility shown in point 2.
- Signed in the manufacturer's name by:

Signature



Miguel San Martin.
GENERAL MANAGER
Válvulas Arco S.L.

Place and date of emission
Foios, 1st July 2013

Declaration of performance (DoP) N°20134000194/10-15.

(European construction product regulation N° 305/2011)

1. Identification name and code:

Manually operated ball valves.
Series: TER
Codes: 00509

2. Manufacture's name and address:

Válvulas Arco S.L.
Av. del Cid 8. 46134 Foios (Valencia) España, Tel. (+34) 963 171 070.

3. Expected usage:

Gas families: 1, 2 y 3 according to EN437.
Pressure class: MOP5.
Nominal diameter: DN50.
Temperature class: -40°C a 60 °C.

4. Performance evidence Evaluation and verification system:

Verification system 3, according to EN331:1998/A1:2010 annex ZA.

5. Notified body:

CATIM: Centro de Apoio Tecnológico á Industria Metalomecánica. Rua dos Plátanos, 197 – 4100-414 Porto- Portugal
Notified body N° 0464.
Evaluation system 3
Initial test type certificate N° 20134000194/10-15 performance date: 18/03/2013.

6. Performance Declared:

Essential features	Performance	Amortized technical specifications
Efficiency – Rated flow rate	65	6.3 - EN331:1998/A1:2010
Dimensional tolerances	Pass	5.3 - EN331:1998/A1:2010
Leak-tightness	Pass	6.2 - EN331:1998/A1:2010
Resistance to high temperature	PND	5.7 - EN331:1998/A1:2010
Mechanical Resistance against torque and bending	Pass	6.5 - EN331:1998/A1:2010
Mechanical Resistance - Operating torque	Pass	6.4 - EN331:1998/A1:2010
Mechanical Resistance - Stop resistance	Pass	6.8 - EN331:1998/A1:2010
Endurance - Aging	Pass	6.7.1 - EN331:1998/A1:2010
Endurance – Resistance to humidity	N.A	5.1 - EN331:1998/A1:2010
Salt spray resistance	N.A	5.1.1 and 5.1.3 - EN331:1998/A1:2010
Endurance – Resistance to low temperature	Pass	6.7.2 - EN331:1998/A1:2010
Angular sealing	Pass	5.2.7 - EN331:1998/A1:2010

NPD = No performance declared.

NA = Not applicable

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- The present performance declaration is emitted only by the manufacturer's responsibility shown in point 2.
- Signed in the manufacturer's name by:

Signature



Miguel San Martin.
GENERAL MANAGER
Válvulas Arco S.L.

Place and date of emission
Foios, 1st July 2013

Declaration of performance (DoP) N°20134000194/10-25.

(European construction product regulation N° 305/2011)

1. Identification name and code:

Manually operated ball valves.
Series: MIÑO
Codes: M1107, IM107, P0107

2. Manufacture's name and address:

Válvulas Arco S.L.
Av. del Cid 8. 46134 Foios (Valencia) España, Tel. (+34) 963 171 070.

3. Expected usage:

Gas families: 1, 2 y 3 according to EN437.
Pressure class: MOP5.
Nominal diameter: DN50.
Temperature class: -40°C a 60 °C.

4. Performance evidence Evaluation and verification system:

Verification system 3, according to EN331:1998/A1:2010 annex ZA.

5. Notified body:

CATIM: Centro de Apoio Tecnológico á Industria Metalomecánica. Rua dos Plátanos, 197 – 4100-414 Porto- Portugal
Notified body N° 0464.
Evaluation system 3
Initial test type certificate N° 20134000194/10-25 performance date: 18/03/2013.

6. Performance Declared:

Essential features	Performance	Amortized technical specifications
Efficiency – Rated flow rate	65	6.3 - EN331:1998/A1:2010
Dimensional tolerances	Pass	5.3 - EN331:1998/A1:2010
Leak-tightness	Pass	6.2 - EN331:1998/A1:2010
Resistance to high temperature	PND	5.7 - EN331:1998/A1:2010
Mechanical Resistance against torque and bending	Pass	6.5 - EN331:1998/A1:2010
Mechanical Resistance - Operating torque	Pass	6.4 - EN331:1998/A1:2010
Mechanical Resistance - Stop resistance	Pass	6.8 - EN331:1998/A1:2010
Endurance - Aging	Pass	6.7.1 - EN331:1998/A1:2010
Endurance – Resistance to humidity	N.A	5.1 - EN331:1998/A1:2010
Salt spray resistance	N.A	5.1.1 and 5.1.3 - EN331:1998/A1:2010
Endurance – Resistance to low temperature	Pass	6.7.2 - EN331:1998/A1:2010
Angular sealing	Pass	5.2.7 - EN331:1998/A1:2010

NPD = No performance declared.

NA = Not applicable

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