



0035 QUALITY CERTIFICATE
EN-10.204 / 2.2

JC Fábrica de Válvulas S.A. CERTIFIES that the manufacture of the valves and/or fittings mentioned below has been fulfilled according to the specifications indicated.

PRODUCT DESCRIPTION

Article Two Piece Flanged End Ball Valves Figure 315/415 A.I.T. **Size** 1/2" to 8" **Class** 150#

(Size 1/2" to 1" 0035 marking must not be affixed)

TYPE MATERIAL

BODY	A-216 WCB	SEATS	TFM 1600
ADAPTER	A-216 WCB	BODY GASKETS	AISI-316L + PTFE + Graphite
BALL	A-351 CF8M	PACKING	Graphite
STEM	A479 TP.316	STUDS/NUTS	A-193 B7M / A-194 2HM
STEM THRUST SEAL	25 % G.F. PTFE	O'RING	FKM

TEST DESCRIPTION

Testing Std.: EN 12266-1/API 598YES..... DIN 3230 Teil..... JC Std
.....PS07/I1.....Other.....

Hydraulic (barg): Shell30.... Seat22.... / Pneumatic (barg): Shell20.... Seat6.... / Functional.

Results: Satisfactory, seats tightness as per leakage rate A

CHEMICAL COMPOSITION :									
C	Mn	S	P	Si	Cr	Ni	Mo	Cu	V
0.198	0.817	0.015	0.021	0.415	0.066	0.014	0.002	0.028	0.002

PHYSICAL PROPERTIES:						
Yield St. 0.2%	Tensile St.	Elongation	Reduc. Area	Hardness	Impact Test ISO V	T. °C
311	530	26.4	41	177	45-52-58	-29

Visual and control dimensional results satisfactory...X...

ICP Valves S.A. DECLARES that the ICP valves covered by this certificate have been designed and manufactured in accordance with the requirements of the following European Directives:

- Pressure Equipment Directive 2014/68/EU.
- Directive 2014/34/EU "ATEX", classification Group II Cat 2.

Harmonised and non-harmonised technical standards applied:

- PED: EN 10213, EN 12266, 10222, 10204, EN 1983, EN 19, EN ISO 17292, EN 558 for others, please see the ICP catalogue and ICP Instructions Manual.

Electrical and mechanical accessories are not covered by this declaration and must have their own declaration in order for them to be assembled into ICP valves.

See the corresponding Operating Manual.

Jaikanna Raghupathy
Quality Manager

Sant Boi de Ll. (Barcelona), marzo 20, 2017
Purchaser inspection/Third part

CE
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EN-10.204 / 2.2

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PRODUCT DESCRIPTION

Article Two Piece Flanged End Ball Valves Figure 315/415 I.I.T. **Size** 1/2" to 8" **Class** 150#

(Size 1/2" to 1" 0035 marking must not be affixed)

TYPE MATERIAL

BODY	A351 GR.CF8M	SEATS	TFM-1600
ADAPTER	A351 GR.CF8M	BODY GASKETS	AISI-316L + PTFE + Graphite
BALL	A351 GR.CF8M	PACKING	Graphite
STEM	A479 TP.316	STUDS/NUTS	A-193 B8M / A-194 8M
STEM THRUST SEAL	25 % G.F. PTFE	O'RING	FKM

TEST DESCRIPTION

Testing Std.: EN 12266-1/API 598YES..... DIN 3230 Teil..... JC Std
.....PS07/I1.....Other.....

Hydraulic (barg): Shell30.... Seat22.... / Pneumatic (barg): Shell20.... Seat6.... / Functional.

Results: Satisfactory, seats tightness as per leakage rate A

CHEMICAL COMPOSITION :							
C	Mn	S	P	Si	Cr	Ni	Mo
0.052	1.168	0.009	0.032	1.256	18.15	9.45	2.129

PHYSICAL PROPERTIES:					
Yield St. 0.2%	Tensile St.	Elongation	Hardness	Impact Test ISO V	T. °C
350	540	48.3	162	172-184-189	-50

Visual and control dimensional results satisfactory...X...

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- Directive 2014/34/EU "ATEX", classification Group II Cat 2.

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Jaikanna Raghupathy
Quality Manager

Sant Boi de LI. (Barcelona), marzo 20, 2017
Purchaser inspection/Third part

CE
0035 **QUALITY CERTIFICATE**
EN-10.204 / 2.2

JC Fábrica de Válvulas S.A. CERTIFIES that the manufacture of the valves and/or fittings mentioned below has been fulfilled according to the specifications indicated.

PRODUCT DESCRIPTION

Article Two Piece Flanged End Ball Valves Figure 330/430 A.I.T. **Size** 1/2" to 8" **Class** 300#

(Size 1/2" to 1" 0035 marking must not be affixed)

TYPE MATERIAL

BODY	A-216 WCB	SEATS	TFM-1600
ADAPTER	A-216 WCB	BODY GASKETS	AISI-316L + PTFE + Graphite
BALL	A351 GR.CF8M	PACKING	Graphite
STEM	A479 TP.316	STUDS/NUTS	A-193 B7M / A-194 2HM
STEM THRUST SEAL	25 % G.F. PTFE	O'RING	FKM

TEST DESCRIPTION

Testing Std.: EN 12266-1/API 598YES..... DIN 3230 Teil..... JC Std
.....PS07/I1.....Other.....

Hydraulic (barg): Shell77.... Seat56.... / Pneumatic (barg): Shell20.... Seat6.... / Functional.

Results: Satisfactory, seats tightness as per leakage rate A

CHEMICAL COMPOSITION :									
C	Mn	S	P	Si	Cr	Ni	Mo	Cu	V
0.198	0.817	0.015	0.021	0.415	0.066	0.014	0.002	0.028	0.002

PHYSICAL PROPERTIES:						
Yield St. 0.2%	Tensile St.	Elongation	Reduc. Area	Hardness	Impact Test ISO V	T. °C
311	530	26.4	41	177	45-52-58	-29

Visual and control dimensional results satisfactory...X...

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Jaikanna Raghupathy
Quality Manager

Sant Boi de Ll. (Barcelona), marzo 22, 2017
Purchaser inspection/Third part

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Article Two Piece Flanged End Ball Valves Figure 330/430 I.I.T. **Size** 1/2" to 8" **Class** 300#

(Size 1/2" to 1" 0035 marking must not be affixed)

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BODY	A351 GR.CF8M	SEATS	TFM-1600
ADAPTER	A351 GR.CF8M	BODY GASKETS	AISI-316L + PTFE + Graphite
BALL	A351 GR.CF8M	PACKING	Graphite
STEM	A479 TP.316	STUDS/NUTS	A-193 B8M / A-194 8M
STEM THRUST SEAL	25 % G.F. PTFE	O'RING	FKM

TEST DESCRIPTION

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.....PS07/I1.....Other.....

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PHYSICAL PROPERTIES:					
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350	540	48.3	162	172-184-189	-50

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- Directive 2014/34/EU "ATEX", classification Group II Cat 2.

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See the corresponding Operating Manual.

Jaikanna Raghupathy
Quality Manager

Sant Boi de LI. (Barcelona), marzo 20, 2017
Purchaser inspection/Third part