



0056 QUALITY CERTIFICATE
EN-10204 / 2.2

ICP Valves 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 Forged Globe Valves Fig.G150RF **Size**-1/2" to 2" **Class** 150
Forged Globe Valves Fig.G300RF **Size**-1/2" to 2" **Class** 300

(Size 1/2" to 1 1/4" CE marking must not be affixed)

TYPE MATERIAL

BODY & BONNET	A105	SEAT	A105 + STL
TRIM Nº	NO. 5#	STEM	AISI-410
DISC	AISI 420 + STL	BOLT	A193 B7

TEST DESCRIPTION

Testing Std.: API 548**YES**..... DIN 3230 Teil..... ICP Std**PS07/I1**.....Other.....

Class 150: Hydraulic(barg): Shell **32** Seat/Backseat **22** / Pneumatic(barg): Shell... Seat **6** / Functional.

Class 300: Hydraulic(barg): Shell **79** Seat/Backseat **56** / Pneumatic(barg): Shell... Seat **6** / Functional.

Results: Satisfactory, seats tightness as per API 598

CHEMICAL COMPOSITION :									
C	Mn	S	P	Si	Cr	Ni	Mo	Cu	V
0.217	0.800	0.012	0.020	0.430	0.068	0.009	0.005	0.046	0.010

PHYSICAL PROPERTIES:				
Yield St. 0.2%	Tensile St.	Elongation	Impact Test ISO V	T. °C
327	516	29.5	54-62-60	-29

NOTES

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 10213:2007, EN 12266:2013, 10222:1998, 10204:2004, 1983:2006, 19:2002, EN ISO 17292:2004, 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



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PRODUCT DESCRIPTION

Article Forged Globe Valves Fig.G150RF **Size**-1/2" to 2" **Class** 150
Forged Globe Valves Fig.G300RF **Size**-1/2" to 2" **Class** 300

(Size 1/2" to 1 1/4" CE marking must not be affixed)

TYPE MATERIAL

BODY & BONNET	A182 F316L	SEAT	A182 F316L + STL
TRIM N°	NO. 12#	STEM	A182 F316L
DISC	A182 F316L	BOLT	A193 B8M

TEST DESCRIPTION

Testing Std.: API 548**YES**..... DIN 3230 Teil..... ICP Std**PS07/I1**.....Other.....

Class 150: Hydraulic(barg): Shell **32** Seat/Backseat **22** / Pneumatic(barg): Shell... Seat **6** / Functional.

Class 300: Hydraulic(barg): Shell **79** Seat/Backseat **56** / Pneumatic(barg): Shell... Seat **6** / Functional.

Results: Satisfactory, seats tightness as per API 598

CHEMICAL COMPOSITION :								
C	Mn	S	P	Si	Cr	Ni	Mo	Cu
0.052	0.940	0.007	0.032	0.640	18.30	9.18	2.16	0.18

PHYSICAL PROPERTIES:					
Yield St. 0.2%	Tensile St.	Elongation	Hardness	Impact Test ISO V	T. °C
237	539	39	141	123-142-141	-50

NOTES

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

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