

ICP VALVES, S.A.U Av. Segle XXI, 75 - Pol. Ind. Can Calderón 08830 Sant Boi de Llobregat (Barcelona) España Tel. + (34) 936 54 86 54 – Fax + (34) 936 54 86 55 e.mail: sales@icp-valves.com – www.icp-valves.com										QUALITY CERTIFICATE ISO 9001& CE/2014/68/EU Approved ORDER NO: P 002303(ICP2202140) CUSTOMER: TUBI VALVES NEDERLAND BV										DATE: 10/11/2022 CERT. NO.:PO 21005502 EN-10204/3.1					
Item	QTY	DESCRIPTION	SIZE	PN	END	SERIES NO		Material								Hydraulic Test		Air Test		DESIGN STD.	TEST STD.	Result			
								BODY	BODY CONNECTOR		BALL	STEM	SEAT	BOLT/NUT	SHELL	SEAT	SHELL	SEAT							
/	50	FLOATING BALL VALVE 20018MASN	1/4"	63	NPT	/		1.4408		1.4408		1.4408		1.4401	/	/	96 bar	/	6 bar	6 bar	EN 1983	EN 12266	OK		
Series Numbers		DESCRIPTION	HEAT NO.	MATERIAL STANDARD REQ.(EN 10213:2007 (DIN 17.445) 1.4408)	C%	Mn%	P%	S%	Si%	Cr%	Ni%	Mo%	Cu%			Tensile Strength (MPa) 440-640 Min/Max	Yield Point 1.0 % (MPa) 210min	EL% 30min	R.A% -	Hardness HB -	Impact Ak(V) Min J 60.av -50℃				
					≤ 0.07	≤ 1.50	≤0.0 40	≤0.03 0	≤ 1.50	18.00 20.00	9.00 12.00	2.00 2.50	≤ 0.50												
/		BODY	23	1.4408	0.042	0.744	0.023	0.023	0.752	18.618	9.466	2.230	0.271			528	316	37		165	157-159-162				
		BODY CONNECTOR	21	1.4408	0.044	0.762	0.020	0.022	0.753	18.466	9.475	2.201	0.301			527	321	37		169	157-156-158				
				MATERIAL STANDARD REQ.(EN 10213:2007 (DIN 17.445) 1.4408)	C%	Mn%	P%	S%	Si%	Cr%	Ni%	Mo%	Cu%			Tensile Strength (MPa) 440-640 Min/Max	Yield Point 1.0 % (MPa) 210min	EL% 30min	R.A% -	Hardness HB -	Impact Ak(V)				
				≤ 0.07	≤ 1.50	≤0.0 40	≤0.03 0	≤ 1.50	18.00 20.00	9.00 12.00	2.00 2.50	≤ 0.50													
		BALL	Q9	1.4408	0.043	0.755	0.020	0.022	0.875	18.512	9.442	2.225	0.281			584	268	43		162					
				MATERIAL STANDARD REQ.(DIN 17440:2001 1.4401)	C%	Mn%	P%	S%	Si%	Cr%	Ni%	N%	Mo%			Tensile Strength (MPa) 510-710 Min/Max	Yield Point 0.2 % (MPa) 200min	EL% 30-40 Min/Max	R.A% 60min	Hardness HB 215max					
				≤ 0.07	≤ 2.00	≤0.0 45	0.015 0.030	≤1.0 0	16.50 18.50	10.00 13.00	≤0.1 1	2.00 2.50													
		STEM	Q9	1.4401	0.048	1.140	0.021	0.023	0.556	17.764	10.518	0.054	2.253			632	324	37	74	167					
HEAT TREATMENT:			1.4408	Solution 1080℃ for 2 hours and water cooling.																					
			1.4401	Solution 1080℃ for 2 hours and water cooling.																					

We hereby certify that the material described above have been manufactured and tested according with the terms of the order.

Test Results: Satisfactory, seats tightness as per leakage ISO 5208 rate A. Testing duration as per applicable standard.

Visual and dimension inspection: accepted according to JC TI PS04/I4 and PS04/I5. This supply materials are in accordance with NACE MR 01-75X.....The results of function test: accepted.

The results above indicated are exact transcription from the corresponding certificates issued by our approval supplier, which are filed in our QC. Dept.

Quality Control Dep.:

