

The Seller: Hebei Guanyu Stainless Steel Products Co., Ltd
Address: Xu Village, Gaoguan Town, Xianxian County, Cangzhou City, Hebei, China
Tel: 86-311-66792285

TEST REPORT
(DIN 50049.3.1B / EN10204.3.1B)
Report Of Material Test

Order No.: GY-141107
Customer:
Article : CASTING VALVE

Project No.:
Serial No :
Material: DIN1.4408

Chemical Composition

Spec.	NR	C	Si	Mn	P	S	Ni	Cr	Mo	Cu	Nb
Heat No.		≤0.07	≤1.50	≤1.50	≤0.040	≤0.030	9.00—12.00	18.00—20.00	2.00-2.50		
25L14-01	1-part ball valve- 1”	0.039	0.876	0.856	0.018	0.010	9.23	18.20	2.26		
25L14-02	2-part ball valve-11/4”	0.035	0.839	0.873	0.020	0.010	9.25	18.24	2.22		
25L14-03	2-part ball valve-11/2”	0.037	0.821	0.833	0.021	0.011	9.20	18.21	2.30		
25L14-04	2-part ball valve-2”	0.034	0.832	0.866	0.020	0.008	9.21	18.21	2.27		
25L14-05	2-part flange valve-4”	0.039	0.835	0.821	0.022	0.012	9.25	18.23	2.24		
25L14-06	3-part FF ball valve-3/4”	0.037	0.872	0.819	0.020	0.009	9.25	18.2	2.20		
25L14-06	3-part SW ball valve-1”	0.038	0.828	0.813	0.019	0.010	9.23	18.21	2.28		
25L14-07	3-part SW ball valve-4”	0.038	0.822	0.888	0.021	0.011	9.19	18.20	2.23		
25L14-02	piston check valve-1/4”	0.035	0.839	0.873	0.020	0.010	9.25	18.24	2.22		
25L14-02	piston check valve-3/8”	0.035	0.839	0.873	0.020	0.010	9.25	18.24	2.22		
25L14-02	piston check valve-1”	0.035	0.839	0.873	0.020	0.010	9.25	18.24	2.22		

25L14-08	Swing check valve-1"	0.035	0.813	0.852	0.023	0.008	9.20	18.23	2.14		
25L14-08	Y-strainer-1/4"	0.035	0.813	0.852	0.023	0.008	9.20	18.23	2.14		
25L14-08	Y-strainer-1/2"	0.035	0.813	0.852	0.023	0.008	9.20	18.23	2.14		
25L14-08	Globe valve-1/2"	0.035	0.813	0.852	0.023	0.008	9.20	18.23	2.14		
25L14-08	Globe valve-3/4"	0.035	0.813	0.852	0.023	0.008	9.20	18.23	2.14		

河北冠宇不锈钢制品有限公司
HEBEI GUANYU STAINLESS PRODUCTS CO., LTD
李致路

Mechanical Test										
Item Heat No.	Spec. NR	Test Piece		Tensile strength	Elongation	Yield Strength	Reduction Of Area	Brinell Hardness	Heat Treatment	
		Diameter	Length	N/mm ²	%	N/mm ²	%	HB	Solution Treatment	
		mm	mm	Min 440	Min 20	Min 185		Min130	1080°C 2H	W Q
									Quenching	
25L14-01	1-part ball valve- 1"	15	71	465	38	248	2%	144		
25L14-02	2-part ball valve-1 1/4"	25	125	468	37	251	2%	140		
25L14-03	2-part ball valve-1 1/2"	50	150	458	35	249	2%	149		
25L14-04	2-part ball valve-2"	76	180	461	37	253	2%	155		
25L14-05	2-part flange valve-4"	94	190	465	38	253	2%	156		

25L14-06	3-part FF ball valve-3/4"	20	68	467	34	258	2%	153	
25L14-06	3-part SW ball valve-1"	33.90	78	461	31	251	2%	142	
25L14-07	3-part SW ball valve-4"	115.5	215	470	35	254	2%	148	
25L14-02	piston check valve-1/4"	10	65	468	37	251	2%	140	
25L14-02	piston check valve-3/8"	12	65	468	37	251	2%	140	
25L14-02	piston check valve-1"	25	89	468	37	251	2%	140	
25L14-08	Swing check valve-1"	25	90	460	36	251	2%	151	
25L14-08	Y-strainer-1/4"	10	65	460	36	251	2%	151	
25L14-08	Y-strainer-1/2"	15	65	460	36	251	2%	151	
25L14-08	Globe valve-1/2"	15	59	460	36	251	2%	151	
25L14-08	Globe valve-3/4"	20	70	460	36	251	2%	151	

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Date of Test (M/D/Y): 1-28-2019

Name of Tester: 肖刚