

EN10204 3.1

CUSTOMER: MarsValveFlowControlCo. Ltd

CERT. NO.:

ORDER NO.: 652021070325

IDENT: 2109

Item No.	Type	AX Item No.	Size	Qty	Pressure	Body		Disc		Stem	Seat	Hydrostatic Test (Mpa)		Result
						Material	Heat No.	Material	Heat No.			Shell	Seal	
1	S12		DN50	10	PN16	DI	20.06.27-12					2.4	1.76	OK
2	S12		DN65	10	PN16	DI	20.06.27-12					2.4	1.76	OK
3	S12		DN80	10	PN16	DI	20.06.27-12					2.4	1.76	OK
4	S12		DN100	10	PN16	DI	20.06.27-12					2.4	1.76	OK
5	S12		DN125	5	PN16	DI	20.06.27-12					2.4	1.76	OK
6	S12		DN150	4	PN16	DI	20.06.27-12					2.4	1.76	OK
7	S12		DN200	5	PN10	DI	20.06.27-12					1.5	1.10	OK
8	S12		DN250	2	PN10	DI	20.06.27-12					1.5	1.10	OK
9	S12		DN300	2	PN10	DI	20.06.27-12					1.5	1.10	OK

Test Standart:API598

Test Duration

Shell							Closure						
≤2"				:min 15 seconds			≤2"				:min 15 seconds		
2 1/2"-6"				:min 60 seconds			2 1/2"-6"				:min 60 seconds		
8"-12"				:min 120 seconds			8"-12"				:min 120 seconds		
≥14"				:min 300 seconds			≥14"				:min 120 seconds		

CHEMICAL ANALYSIS AND PHYSICAL PROPERTIES CERTIFICATE EN 10204-3.1

Material	Heat No.	C	Si	Mn	P	S	Cr	Ni	Mo	Fe	Yield Point	Tensile Strength	Elongation %	Hardness
DI	20.06.27-12	3.57	2.61	0.24	0.03	0.016					312	480	17	

CHEMICAL & PHYSICAL SPECIFICATIONS

Material	Standard	C	Si	Mn	P	S	Cr	Ni	Mo	Fe	Yield Point	Tensile Strength	Elongation %	Hardness
DI	ASTM A536	3.4~3.6	2.5~2.7	0.1~0.3	max0.05	max0.02					min280	min450	min15	
CF8	ASTM A351	max0.08	max2.0	max1.5	max0.04	max0.04	18-21	8-11	max0.5		min205	min485	min30	

Design Standard							API609						
Face to face							API609						
Suitable for connection between							EN1092 PN16/PN10						
Surface treatment													

We herewith certify that the material described herein has been made in accordance to the above specification and also with the requirement called for above order. All items have been inspected and tested to the satisfaction of **ABC VALVE WUXI CO.,LTD**

QA Responsible Signature:



Date:2021.09