

Jinan Sun-Wei Forging & Casting Co., Ltd.

Zhangqiu Shengjing New&High Tech. Development Garden, Jinan City, China
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We hereby certify that the materials described herein have been manufactured, inspected and tested in accordance with the customer's specification(s), and that they satisfy the requirements.
Approved acc. to AD 2000-Merkblatt W0 and certified acc. to PED (97/23/EC) by Certification Body for Pressure Equipment of TÜV NORD Systems (notified body, reg. no.:0045)

Abnahmeprüfzeugnis 3.1 / Inspection certificate 3.1 / Certificat de reception 3.1

nach / acc. DIN EN10204-3.1B
DIN50049-3.1B

Nr./ No. SW-201403017

Datum / Date 2014-03-05

Zeichen des Herstellers
Manufacturer's brand
Marque de producteur



Stempel des Abnehmers
Stamp of the testing engineer
Etampe do controleur



Besteller MVV-ISG Industrial Valve Trading Ltd.
Customer H-2234 Maglód, Ady Endre utca 25-39, Mailbox: 36
Tel/Fax: +36 29 325133, +36 29 326133

Bestell-Nr / Order-No SOV201401-323
Auftrag / Order 323
Lieferschein / Delivery No. 017

Item No.	Bezeichnung	No. of pieces	Schmelze/Prüflos
Pos.-Nr.	Product	Stueckzahl	Heat no./Test no.
1	DIN2633PN16 WN FLANGE DN65/76.1 (4HOLES)	278	63204 / 27295
2	DIN2631 PN06 WN FLANGE DN80/88.9	75	Code: 2014-017
3	DIN2631 PN06 WN FLANGE DN50/60.3	100	
4	DIN2631 PN06 WN FLANGE DN100/108	25	
5	DIN2631 PN06 WN FLANGE DN25/33.7	75	
6	DIN2631 PN06 WN FLANGE DN65/76.1	75	
7	DIN2635PN40 WN FLANGE DN50/57	75	

Werkstoff S235JRG2 DIN EN10250-2

Material

Anford. vereinbarte Abmessungen -dimensions by agreement
Demands AD-2000-Merkbl. W0, W9 -PED 97/23/EC

Härteprüfung gem. AD-2000-Merkbl. W9 / 4.2.3

EEerschmelzung / Melting process E

Schmelzenanalyse / Ladle analysis

PREN=Cr+3,3xMo+16xN

Cev=C+ $\frac{Mn}{6}$ + $\frac{V+Mo+Cr}{5}$ + $\frac{Ni+Cu}{15}$

C	Si	Mn	P	S	Cr	Ni	Ti	Mo	Nb	V	N	Cu	Al		
0.17	0.19	0.39	0.019	0.024	0.020	0.01		0.002					0.023		

Mechanische Prüfungen / Mechanical tests

Probenlage: q/t Pos. of Spec: q/t				Zugversuch -DIN EN 10002-1 Tensile Test -ASTM A 370			l ₀ = 5d ₀ l ₀ = 4d ₀		KBV / Charpy Impact Test DIN EN 10045-1					Härte Hardness ISO 6506 HBW 2,5/187,5
Temp ° C	Streckgr./Yield strengt		Zugfestigkeit Tensile strenght N/mm²	Bruchdehng. Elongation %	Einschnürng. Red. of area %	Temp. °C	Einzelwerte Single values J			Mittelwert Average J				
	0,2% N/mm²	1,0% N/mm²												
20	min	215		340	24		20	35			35			
20		246		371	34		20	53	49	57	53	124		
20		253		376	30		20	46	56	62	55	119		
20		244		366	31		20	58	54	51	54	122		
20		256		380	32		20	55	48	45	49	121		

Place
Ort Zhangqiu Shengjing in China

Date 2014-3-5
Datum

Work's Inspector
Werkssachverständige

