

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-201404041

Datum / Date 2014-04-28

Zeichen des Herstellers
Manufacturer's brand
Marque de producteur



Stempel des Abnehmers
Stamp of the testing engineer
Etampe do controleur



Besteller MVV-ISO Industrial Valve Trading Ltd.
Customer H-2234 Maglód, Ady Endre utca 25-39, Mailbox: 38
Tel/Fax: +36 29 325133, +36 29 326133

Bestell-Nr / Order-No SOV201402-326
Auftrag / Order 326
Lieferschein / Delivery No. 041

Item No. Pos.-Nr.	Bezeichnung Product	No. of pieces Stueckzahl	Schmelze/Prüflos Heat no./Test no.
1	DIN2635PN40 WN FLANGE DN40/48.3	200	54168./ 27563
2	DIN2635PN40 WN FLANGE DN15/21.3	200	Code: 2014-041
3	DIN2635PN40 WN FLANGE DN32/42.4	100	
4	DIN2635PN40 WN FLANGE DN20/26.9	50	
5	DIN2635PN40 WN FLANGE DN25/33.7	300	
6	DIN2566PN10/PN16 THREADED DN80	100	

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

EErschmelzung / Melting process E

PREN=Cr+3,3xMo+16xN

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

Schmelzenanalyse / Ladle analysis

C	Si	Mn	P	S	Cr	Ni	Ti	Mo	Nb	V	N	Cu	Al		
0.15	0.21	0.41	0.022	0.020	0.010	0.01		0.003					0.022		

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 %	Einschnürg. Red. of area %	Temp. °C	Einzelwerte Single values J			Mittelwert Average J			
		0.2% N/mm²					1,0% N/mm²						
20	min max	215		340	24		20	35			35		
20		239		353	34		20	55	53	63	57	124	
20		244		361	32		20	58	61	49	56	121	
20		251		377	33		20	54	62	50	55	120	
20		248		370	36		20	65	51	56	57	122	

Place
Ort
Zhangqiu Shengjing in China

Date 2014-4-28
Datum

Work's Inspector
Werkssachverständige