

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



Zhangqiu Shengjing New&High Tech. Development Garden, Jinan City, China
Tel: 0086-0531-88870003 Fax: 0086-0531-82689071 E-MAIL: sunhua@public.jn.sd.cn

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-ISO 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 Pos.-Nr. Product	No. of pieces Stueckzahl	Schmelze/Prüflos Heat no./Test no.
1 DIN2635PN40 WN FLANGE DN32/42.4	150	86551/ 27296
2 DIN2635PN40 WN FLANGE DN20/26.9	50	Code: 2014-017
3 DIN2635PN40 WN FLANGE DN15/21.3	250	
4 DIN2633 PN16 WN FLANGE DN40/48.3	200	
5 DIN2566PN10/PN16 THREADED DN100	50	
6 DIN2566PN10/PN16 THREADED DN50	40	

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	0.22	0.43	0.011	0.019	0.010	0.01		0.002					0.021		

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	187	
20		255		371	31		20	48	56	44	49	121	
20		248		355	30		20	52	55	43	50	119	
20		243		347	32		20	49	47	57	51	120	
20		252		364	34		20	59	45	50	51	119	

Place
Ort
Zhangqiu Shengjing in China

Date 2014-3-5
Datum

Work's Inspector
Werkssachverständige

