


SEQ NO	QTY	Item ID	Item Name	Dimension	Standard-ID	Basic Material	Net Weight
1	1	107.390.729.500	FLANGE DIMENSIONS				0.001
2	1	PAAD371236	WELD. AND TEST INSTRUCTIONS				0.001




Prod.	9 X92DF							
Change History								
	B	qyi101	yzh102	09.05.2022	CNAA001851	Yard Connection updated		- -
	A	zta101	sth017	22.12.2020	EAAD095736	Legacy information. See corresponding ChangeNotice		3 2
	-	zta101	nba032	09.12.2020		-		- -
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Approved	Activity Code E C

			PIPE CONNECTION PLAN				
Bill Of Material			Dimension				
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			Main Design Yes		Design Group 8020	Q-Code XXXXX	Standard WDS
			Qty per Engine	A4	Item ID PAAD363139		BOM Page/s 01/01

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Gasaustritt-Stellung GAS OUTLET POSITION 	Y	Z
0°	4 170	10210
15°	4 378	10182.5
30°	4 572.5	10102
45°	4 739	9974

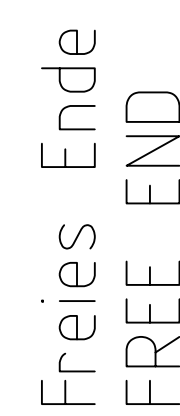
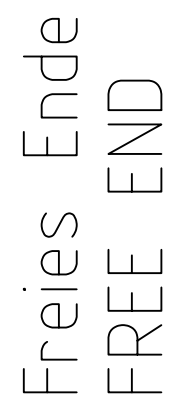
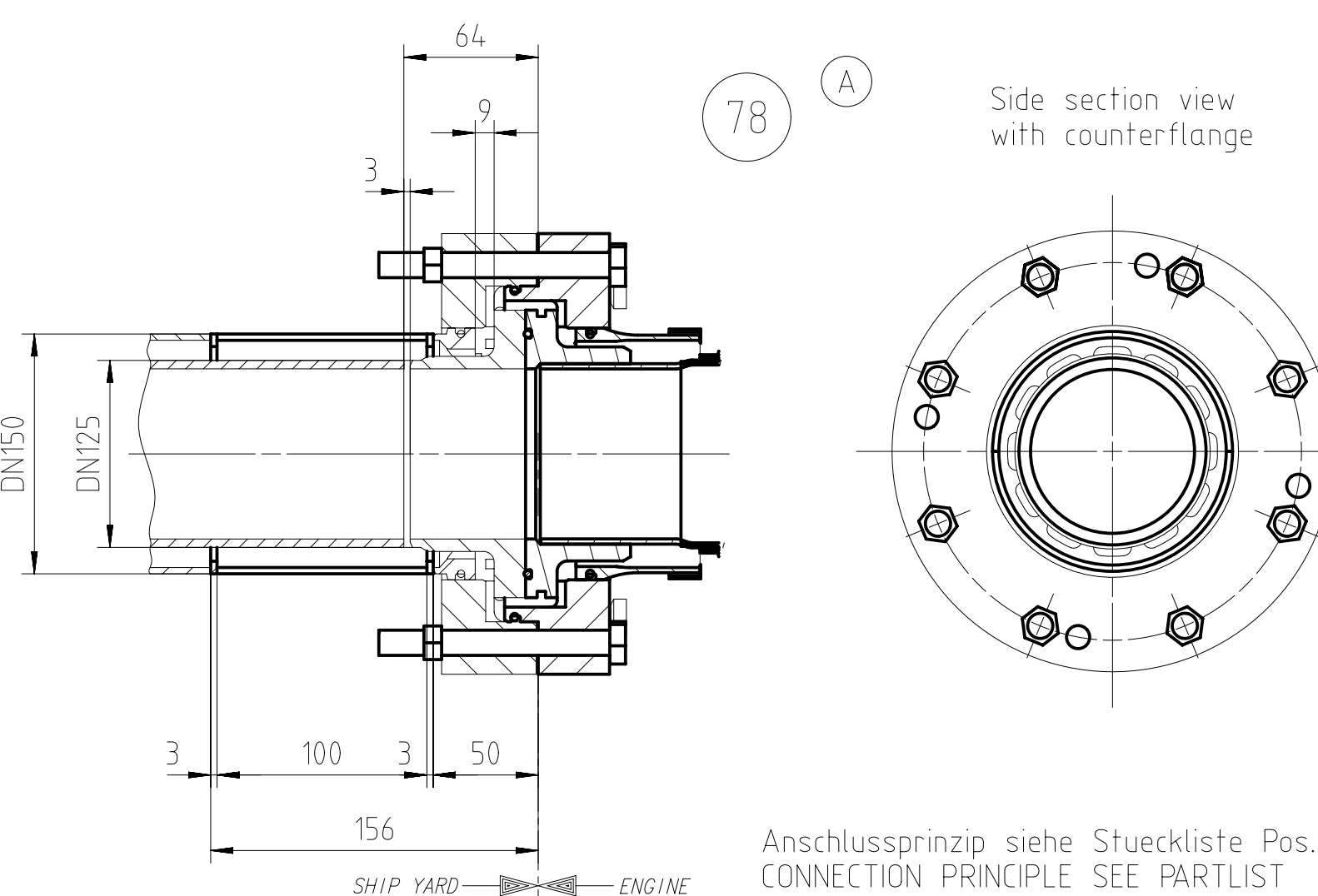
DIMENSIONS FOR REFERENCE ONLY. TECHNICAL MODIFICATIONS RESERVED.
LATER ADAPTATIONS ARE POSSIBLE BASED ON PROJECT REQUIREMENTS
AND RELATED DETAIL DESIGN.
THIS PIPE CONNECTION PLAN MAY NOT BE USED FOR FINAL DESIGN!



Alle Flanschanflansse am Motor sind mit Gegenflanschen versehen (Blindflansch), ausgenommen der Anschluss fuer den Gasaustritt am Turbolader. Die Blindflansche sind nach dem betreffenden Rohrdurchmesser des Werfflanschlusses aufzubohren. THE PIPE CONNECTIONS ON THE ENGINE ARE SUPPLIED WITH MATING FLANGES (BLIND), WITH EXCEPTION OF THE TURBO-CHARGER EXHAUST GAS OUTLET. BLIND FLANGES TO BE DRILLED TO MATCH PIPE DIA SUPPLIED BY THE SHIPYARD.

Die Gewinde-Anschlüsse werden komplett geliefert
SCREWED CONNECTIONS ARE SUPPLIED COMPLETE

- *1) Optionelle Ausführung (wenn verlangt)
OPTIONAL EXECUTION (IF REQUIRED)
- *2) Standard Ausführung
STANDARD EXECUTION
Vorschlag Endgültige Position ist
mit Werft zu bestimmen
PROPOSAL FINAL POSITION TO BE DETERMINED
IN ACCORDANCE WITH SHIPYARD
- *3) Externale Ausführung (wenn verlangt)
EXTERNAL EXECUTION (IF REQUIRED)
- *4) SEE DAAD116127

Internes TL Oelsystem
INTERNAL TC OIL SYSTEM
3xMET66-MB



Pipe		6X92DF					
Change history	B	qin01	yh202	09.05.2026	CH4001851	Yard Connection updated	-
	A	zfo101	sh01T	22.12.2020	EAD095736	Legacity information. See corresponding ChangeNotice	3
	-	zfo101	rb0312	09.12.2020	-	-	-
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Approved
						Activity Code	E
 WINTER GD Winther Gas & Diesel		PIPE CONNECTION PLAN					
Scale 1:50  NX		Dimension Units [mm] [kg]		Basic Material		Net Weight 0.00t	
Copyright Winther Gas & Diesel Ltd. All rights reserved. All drawings are intended for the designing the required equipment. The drawings may be used in any way for construction. Material and technical data are given without the intention of being a contract. No warranty is given for the use of the drawings without the permission of Winther Gas & Diesel Ltd.		Main Design Yes		Design Group 8020		g-Code XXXXXX	
		Qty per Engine A0		Item ID PAAD363139		Standard WDS	
						Drawing Page/s 1/2	

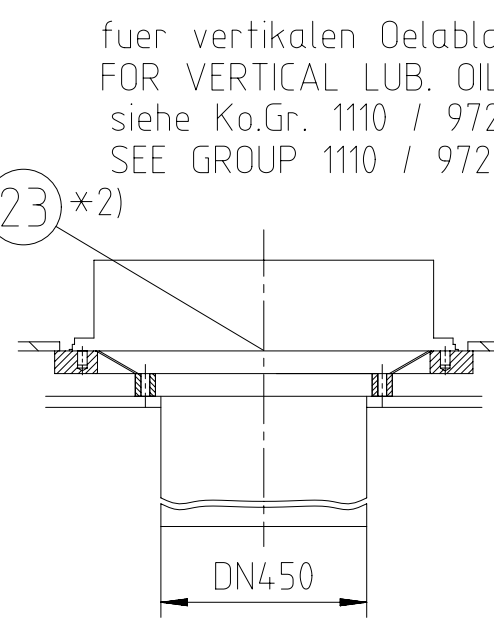
SURFACE PROTECTION SEE GROUP 034
TOLERANCING PRINCIPLE ISO8015

					Leitungs-Anschlusse PIPE-CONNECTIONS			
					Freies Ende FREE END	Antriebsseite DRIVING END	Abgasseite EXHAUST SIDE	Brennstoffseite FUEL SIDE
1		Zylinderkühlwasser Eintritt	DN	8301	Nicht benoetigt NOT USED			
		CYLINDER COOLING WATER INLET	PN					
2		Zylinderkühlwasser Eintritt	DN 250 PN 5	8305	X	X		
3		Zylinderkühlwasser Austritt	DN 250 PN 5	8310	X		X	
4		Zylinderkühlwasser Entlüftung Entlüftung	DN PN	8313	Nicht benoetigt NOT USED			
5		Zylinderkühlwasser Entleerung Austritt	DN 32 PN 5	8313				
6		SLK Entleerung Austritt	DN PN	8314	Nicht benoetigt NOT USED			
7		SAC-LT-COOLING WATER INLET	DN 400 PN 5	8335				
8		SAC-LT-COOLING WATER OUTLET	DN 400 PN 5	8335		X	X	
9		SLK-HT-Kuehlwasser Eintritt	DN PN	8335	Nicht benoetigt NOT USED			
10		SAC-HT-COOLING WATER OUTLET	DN PN	8335				
11		Wasser fuer Reinigungsanlage TL und SLK Eintritt	DN 20 PN 10	8338	X		X	
12		Luft fuer Reinigungsanlage TL und SLK Eintritt	DN 20 PN 10	8338	X		X	
13		Oeliges Wasser vom Receiver Austritt	DN 65 PN 5	8352		X	X	
14		Turbolader Schmutzwasser Austritt	DN PN	8355	Nicht benoetigt NOT USED			
15		Ablauf vom Wasserabscheider Austritt	DN PN	8356				
16		SLK Kondenswasser Austritt	DN 80 PN 5	8357		X	X	
17		SLK Waschwasser Austritt	DN 50 PN 5	8357	Nicht benoetigt NOT USED			
18		SLK Entlüftung Entlüftung	DN 125 PN 6	8357				
19								
20		Oelablaufleitung Brennstoffpumpen Austritt	DN PN	8454	Nicht benoetigt NOT USED			
21		Leckoel Brennstoffseite Austritt	DN 200 PN 5	8481				
22	siehe Detail SEE DETAIL	Oelablauf Grundplatte Horizontal		1110	Nicht benoetigt NOT USED			
23	siehe Detail SEE DETAIL	Oelablauf Grundplatte Vertikal		1110 9722				
24		Zylinder Schmieroel Austritt	DN PN	8472	Nicht benoetigt NOT USED			
25		Hauptschmieroel Eintritt	DN 350 PN 5	8406				

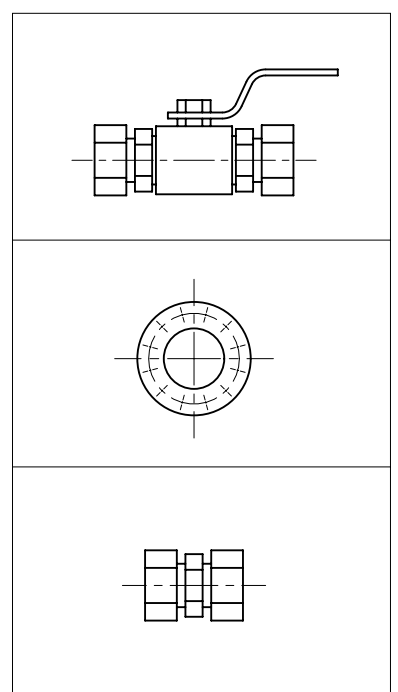
				Ko.Gr. KO. GR.	Leitungs-Anschlusse PIPE-CONNECTIONS			
					Freies Ende FREE END	Antriebsseite DRIVING END	Abgasseite EXHAUST SIDE	Brennstoffseite FUEL SIDE
26		Schmieroel Turbolader Eintritt LUBRICATING OIL TURBOCHARGER INLET	DN 80 PN 5	8430		X	X	
27		Schmieroel Turbolader Austritt LUBRICATING OIL TURBOCHARGER OUTLET	DN 250 PN 5	8431		X	X	
28		Schmieroel Brennstoffpumpen Eintritt LUBRICATING OIL FUEL PUMPS INLET	DN PN	8445	Nicht benoetigt NOT USED			
29		Schmutzoel Ablauf Versorgungseinheit Austritt DIRTY OIL DRAIN SUPPLY UNIT OUTLET	DN PN	8452	Nicht benoetigt NOT USED			
30		Schmieroel Kreuzkopf Eintritt LUBRICATING OIL CROSSHEAD INLET	DN 125 PN 16	8455		X	X	
31		Leckagen vom Motor Austritt DIRTY OIL LEAKAGE FROM ENGINE OUTLET	DN PN	8463	Nicht benoetigt NOT USED			
32		Zylinder Schmieroel (HIGH BN) Eintritt CYLINDER LUB. OIL (HIGH BN) INLET	DN 32 PN 5	8475	X			X
33		Zylinder Schmieroel (LOW BN) Eintritt CYLINDER LUB. OIL (LOW BN) INLET	DN 32 PN 5	8475	X			X
34		Leckoel Antriebsseite Austritt LEAKAGE OIL DRIVING END OUTLET	DN PN	8482	Nicht benoetigt NOT USED			
35		Leckoel Freies Ende Austritt LEAKAGE OIL FREE END OUTLET	DN PN	8483	Nicht benoetigt NOT USED			
36		Schmutzoel Kolbenunterseite Austritt DIRTY OIL PISTON UNDERSIDE OUTLET	DN 100 PN 5	8487	X			X
37		Leckoel Stopfbuechse Austritt LEAKAGE OIL GLAND BOX OUTLET	DN 40 PN 5	8488		X		X
38		Delablaufitg. Versorgungseinheit Austritt OIL PIPE DRAIN SUPPLY UNIT OUTLET	DN 100 PN 5	8454	X			X
39		Leckageablauf Zylinderblock Austritt LEAKAGE DRAIN CYLINDER BLOCK OUTLET	DN PN	8462	Nicht benoetigt NOT USED			
40		Anlossluft Eintritt STARTING AIR PIPE INLET	DN 250 PN 30/40	8605		X		X
41		Entlüftung Kurbelgehäuse Austritt VENTING CRANKCASE OUTLET	DN 100 PN 5	1410	X		X	
42		Entlüftung Waste Gate Austritt VENTING WASTE GATE OUTLET	DN PN	8609	Nicht benoetigt NOT USED			
43		Entlüftung Turbolader Austritt VENTING TURBOCHARGER OUTLET	DN 80 PN 5	8610	X	X	X	
44		Entlüftung Zylinderkühlwasser Austritt VENTING CYLINDER COOLING WATER OUTLET	DN 12 PN 5	8313	X		X	
45		Steuerluftversorgung Eintritt CONTROL AIR SUPPLY INLET	DN 15 PN 12	8630	X			X
46		Steuerluftversorgung Eintritt CONTROL AIR SUPPLY INLET	DN PN	4605	Nicht benoetigt NOT USED			
47								
48								
49		Brennstoff Eintritt FUEL INLET	DN 100 PN 16	8702	X			X
50		Brennstoffruecklauf Austritt FUEL RETURN OUTLET	DN 100 PN 16	8704	X			X

				Ko.Gr. KO. GR.	Leitungs-Anschlusse PIPE-CONNECTIONS			
					Freies Ende FREE END	Antriebsseite DRIVING END	Abgasseite EXHAUST SIDE	Brennstoffseite FUEL SIDE
51		Leckbrennstoff Rail Unit Austritt FUEL LEAKAGE RAIL UNIT OUTLET	DN 50 PN 5	8740	X			X
52		Leckbrennstoff Austritt FUEL LEAKAGE OUTLET	DN 80 PN 5	8744	X			X
53		Leckbrennstoff HD-Leitungen Austritt FUEL LEAKAGE HP-PIPES OUTLET	DN PN	8742	Nicht benoetigt NOT USED			
54		Leckbrennstoff Einspritzpumpe Austritt FUEL LEAKAGE INJECTION PUMP OUTLET	DN PN	8743	Nicht benoetigt NOT USED			
55								
56		Leckbrennstoff Einspritzzeit Austritt FUEL LEAKAGE ICU OUTLET	DN PN	8745	Nicht benoetigt NOT USED			
57		Ablaufleitungen allgemein DRAIN PIPES VARIOUS	DN 40 PN 5	8746		X	X	X
58								
59		Begleitheizung Brennstoff Eintritt TRACE HEATING FUEL INLET	DN 25 PN 16	8810	X			X
60		Begleitheizung Brennstoff Austritt TRACE HEATING FUEL OUTLET	DN 20 PN 16	8810	X			X
61		Begleitheizung Brennstoff Eintritt TRACE HEATING FUEL INLET	DN PN	8812	Nicht benoetigt NOT USED			
62		Begleitheizung Brennstoff Austritt TRACE HEATING FUEL OUTLET	DN PN	8812	Nicht benoetigt NOT USED			
63		Begleitheizung Brennstoffzirkulation Eintritt TRACE HEATING FUEL CIRCULATION INLET	DN PN	8820	Nicht benoetigt NOT USED			
64		Begleitheizung Brennstoffzirkulation Austritt TRACE HEATING FUEL CIRCULATION OUTLET	DN PN	8823	Nicht benoetigt NOT USED			
65								
66								
67		Feuerloesch Anlage Zylinderblock Eintritt FIRE EXTINGUISHING PLANT CYLINDER BLOCK INLET	DN 40 PN 10	8830	X			X
68		Feuerloesch Anlage Rail Unit Eintritt FIRE EXTINGUISHING PLANT RAIL UNIT INLET	DN PN	8831	Nicht benoetigt NOT USED			
69		Feuerloesch Anlage Rail Unit Eintritt FIRE EXTINGUISHING PLANT RAIL UNIT INLET	DN PN	8832	Nicht benoetigt NOT USED			
70								
71	siehe Detail SEE DETAIL	Abgas Turbolader Austritt EXHAUST GAS TURBOCHARGER OUTLET		6506 6509	X	X	X	
72	siehe Detail SEE DETAIL	Abgas Bypass Austritt EXHAUST GAS BY-PASS OUTLET		8103 8108	Nicht benoetigt NOT USED			
73		Abgas Abblöseventil Austritt EXHAUST WASTE GATE OUTLET	IF USED, SEE DAAD116127	8135	IF USED, SEE DAAD116127			
74								
75								

				Ko.Gr. KO. GR.	Leitungs-Anschlusse PIPE-CONNECTIONS			
					Freies Ende FREE END	Antriebsseite DRIVING END	Abgasseite EXHAUST SIDE	Brennstoffseite FUEL SIDE
76		Versorgungseinheit Pilot Ventil Eintritt SUPPLY UNIT FUEL PILOT VALVE INLET	DN 15 PN 16	8790		X		X
77		Versorgungseinheit Pilot Ventil Austritt SUPPLY UNIT FUEL PILOT VALVE OUTLET	DN 20 PN 16	8790		X		X
78	siehe Detail SEE DETAIL	Gaszufuehrleitung Eintritt GAS SUPPLY PIPE INLET	PN 15	8903	X		X	
79		Gasentlüfungsleitung, motorseitig Austritt GAS RELEASE PIPE, ENGINE SIDE OUTLET	DN 150 PN 10	8910		X	X	
80		Gasentlüfungsleitung, anlagenseitig Austritt GAS RELEASE PIPE, SYSTEM SIDE OUTLET	DN 20 PN 4	8910	X		X	
81		Doppelrohrzwischenraum Ventilationsleitung Eintritt ANNULAR SPACE AIR VENTING PIPE INLET	DN 32 PN 10	8910		X	X	
82		Gas Ueberwchg.itg. Kolben U.seite GAS MONITOR, PIPE PISTON U. SIDE	DN 20 PN 4	8911		X		X
83		Inertgas Eintritt INERT GAS INLET	DN 20 PN 20	8904	X		X	



Gas-Austritt vom Turbolader
GAS OUTLET FROM TURBOCHARGER



- *1) Optionelle Ausfuehrung (wenn verlangt)
OPTIONAL EXECUTION (IF REQUIRED)
- *2) Standard Ausfuehrung
STANDARD EXECUTION
Vorschlag Endgueltige Position ist
mit Werf zu bestimmen
PROPOSAL FINAL POSITION TO BE DETERMINED
IN ACCORDANCE WITH SHPYARD
- *3) Externale Ausfuehrung (wenn verlangt)
EXTERNAL EXECUTION (IF REQUIRED)


3xMET66-MB

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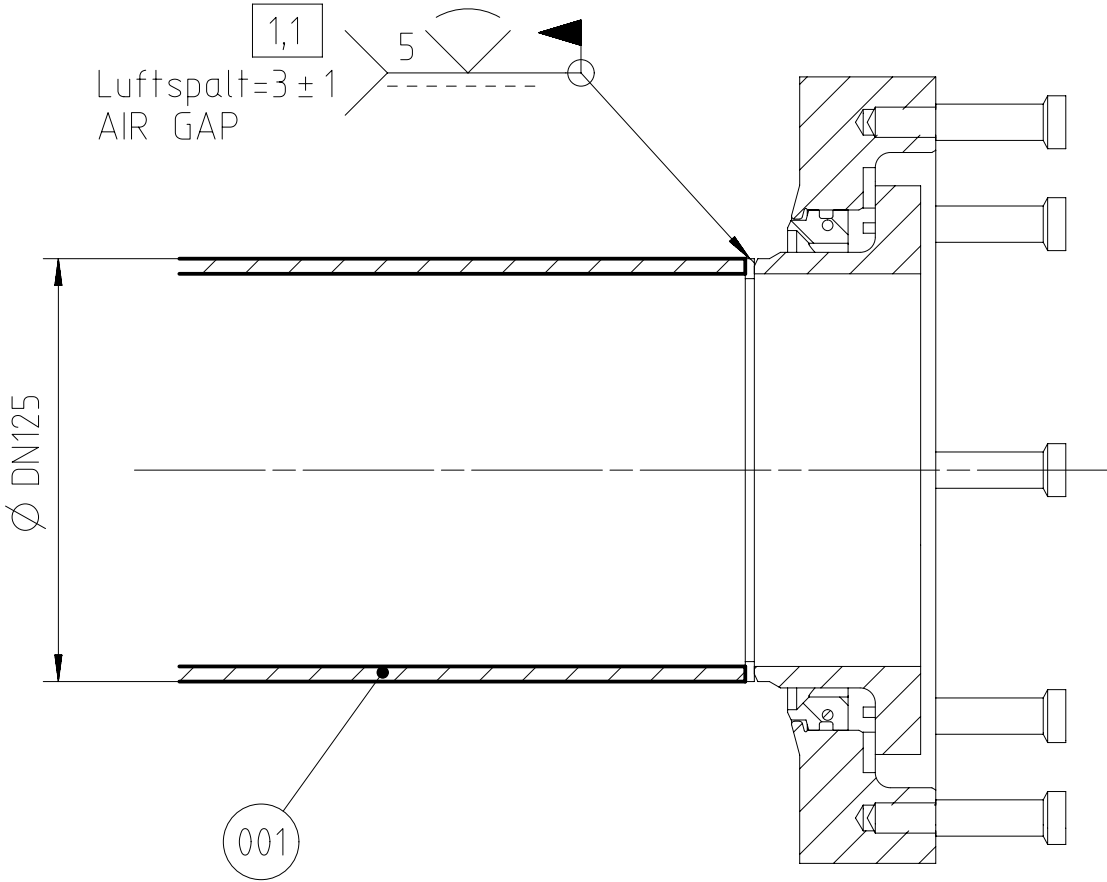
ISO																
6 bar							16 bar									
PN	DN	OUT.DIA.	THICK	DIM. FOR SCREWS			PN	DN	OUT.DIA.	THICK	DIM. FOR SCREWS					
6 bar	25	100	14	75	4	M10	11	16 bar	25	115	16	85	4	M12	14	
	32	120	16	90	4	M12	14		32	140	18	100	4	M16	18	
	40	130	16	100	4	M12	14		40	150	18	110	4	M16	18	
	50	140	16	110	4	M12	14		50	165	19	125	4	M16	18	
	65	160	16	130	4	M12	14		65	185	20	145	8	M16	18	
	80	190	18	150	4	M16	18		80	200	20	160	8	M16	18	
	100	210	18	170	4	M16	18		100	220	22	180	8	M16	18	
	125	240	20	200	8	M16	18		125	250	22	210	8	M16	18	
	150	265	20	225	8	M16	18		150	285	24	240	8	M20	22	
	200	320	22	280	8	M16	18		200	340	26	295	12	M20	22	
	250	375	24	335	12	M16	18		250	405	32	355	12	M24	26	
	300	440	24	395	12	M20	22		300	460	32	410	12	M24	26	
	350	490	26	445	12	M20	22		350	520	35	470	16	M24	26	
	400	540	28	495	16	M20	22		400	580	38	525	16	M27	30	
	450	595	30	550	16	M20	22		450	640	42	585	20	M27	30	
	500	645	30	600	20	M20	22		500	715	46	650	20	M30	33	
PN	DN	OUT.DIA.	THICK	DIM. FOR SCREWS			PN	DN	OUT.DIA.	THICK	DIM. FOR SCREWS					
10 bar	25	115	16	85	4	M12	14	40 bar	25	115	16	85	4	M12	14	
	32	140	18	100	4	M16	18		32	140	18	100	4	M16	18	
	40	150	18	110	4	M16	18		40	150	18	110	4	M16	18	
	50	165	19	125	4	M16	18		50	165	20	125	4	M16	18	
	65	185	20	145	8	M16	18		65	185	22	145	8	M16	18	
	80	200	20	160	8	M16	18		80	200	24	160	8	M16	18	
	100	220	22	180	8	M16	18		100	235	26	190	8	M20	22	
	125	250	22	210	8	M16	18		125	270	28	220	8	M24	26	
	150	285	24	240	8	M20	22		150	300	30	250	8	M24	26	
	200	340	24	295	8	M20	22		200	375	36	320	12	M27	30	
	250	395	26	350	12	M20	22		250	450	44	385	12	M30	33	
	300	445	26	400	12	M20	22		300	515	48	450	16	M30	33	
	350	505	28	460	16	M20	22		350	580	54	510	16	M33	36	
	400	565	32	515	16	M24	26		400	660	60	585	16	M36	39	
	450	615	38	565	20	M24	26									
	500	670	38	620	20	M24	26									

JIS

PN	DN	OUT.DIA.	THICK	DIM. FOR SCREWS				PN	DN	OUT.DIA.	THICK	DIM. FOR SCREWS				
5 bar	25	95	10	75	4	M10	12	16 bar	25	125	14	90	4	M16	19	
	32	115	12	90	4	M12	15		32	135	16	100	4	M16	19	
	40	120	12	95	4	M12	15		40	140	16	105	4	M16	19	
	50	130	14	105	4	M12	15		50	155	16	120	8	M16	19	
	65	155	14	130	4	M12	15		65	175	18	140	8	M16	19	
	80	180	14	145	4	M16	19		80	200	20	160	8	M20	23	
	100	200	16	165	8	M16	19		100	225	22	185	8	M20	23	
	125	235	16	200	8	M16	19		125	270	22	225	8	M22	25	
	150	265	18	230	8	M16	19		150	305	24	260	12	M22	25	
	200	320	20	280	8	M20	23		200	350	26	305	12	M22	25	
	250	385	22	345	12	M20	23		250	430	28	380	12	M24	27	
	300	430	22	390	12	M20	23		300	480	30	430	16	M24	27	
	350	480	24	435	12	M22	25		350	540	34	480	16	M30	33	
	400	540	24	495	16	M22	25		400	605	38	540	16	M30	33	
	450	605	24	555	16	M22	25		450	675	40	605	20	M30	33	
	500	655	24	605	20	M22	25		500	730	42	660	20	M30	33	
PN	DN	OUT.DIA.	THICK	DIM. FOR SCREWS				PN	DN	OUT.DIA.	THICK	DIM. FOR SCREWS				
10 bar	25	125	14	90	4	M16	19	30 bar	25	130	20	95	4	M16	19	
	32	135	16	100	4	M16	19		32	140	22	105	4	M16	19	
	40	140	16	105	4	M16	19		40	160	22	120	4	M20	23	
	50	155	16	120	4	M16	19		50	165	22	130	8	M16	19	
	65	175	18	140	4	M16	19		65	200	26	160	8	M20	23	
	80	185	18	150	8	M16	19		80	210	28	170	8	M20	23	
	100	210	18	175	8	M16	19		100	240	32	195	8	M22	25	
	125	250	20	210	8	M20	23		125	275	36	230	8	M22	25	
	150	280	22	240	8	M20	23		150	325	38	275	12	M24	27	
	200	330	22	290	12	M20	23		200	370	42	320	12	M24	27	
	250	400	24	355	12	M22	25		250	450	48	390	12	M30	33	
	300	445	24	400	16	M22	25		300	515	52	450	16	M30	33	
	350	490	26	445	16	M22	25		350	560	54	495	16	M30	33	
	400	560	28	510	16	M24	27		400	630	60	560	16	M36	39	
	450	620	30	565	20	M24	27									
	500	675	30	620	20	M24	27									

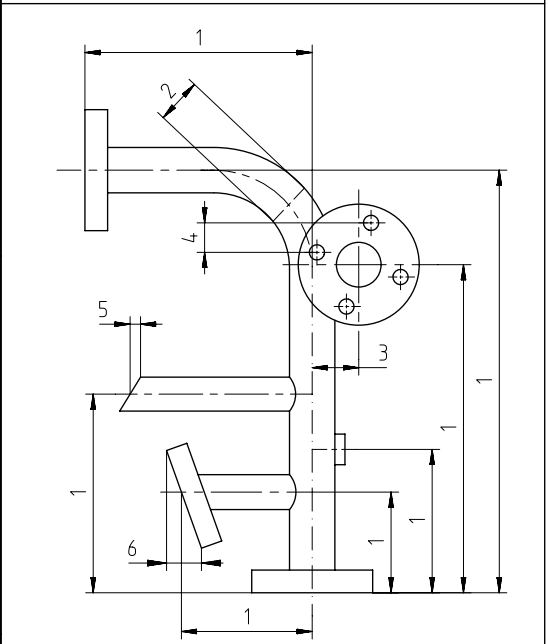
Substitute for:										PC	Q-Code	X	X	X	X	X	
Modif	A	EAAD084180	04.10.2012														
		Number	Drawn Date		Number	Drawn Date		Number	Drawn Date		Number	Drawn Date					
		Product W-2S				Flange Dimensions											
Made	19.09.2007	N. Brand				Main Drw.	Page 1 / 1	Material ID 107.390.729.500									
Chkd	27.09.2007	M. Frei				Design Group	Drawing ID 107.390.729										Rev A
Appd	27.09.2007	B. Haag				8020											

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Rohrklasse PIPE CLASS	I	Medium MEDIUM	Brennstoff Gas FUEL GAS	Pruefueberdruck TEST OVERPRESSURE		32	bar
Schweiss Qualitaet WELDING QUALITY LEVEL	B	Toleranzklasse TOLERANCE GRADE		A	Betr.druck OPER. PRESS.	16	bar
Benoeetigte NDT Verfahren REQUIRED NDT METHODS			*2 PT MT	100 %	RT *1	100 %	Kapitel CHAPTER 3.0
*1 100% UT only if welded with process 131 and 135 (GMAW) *2 visual inspection on ALL welds							

TOLERANCE GRADES



TOL. GRADE	DIMENSION NO.						
	1	2	3	4	5	6	
A	±1.0	*	±2.0	±2.0	±0.5	±0.5	≤DN150
B	±3.0	*	±3.0	±2.0	±0.5	±0.5	
C	±6.0	*	±3.0	±2.0	±0.5	±0.5	
A	±2.0	*	±2.0	±2.0	±1.0	±1.0	≤DN150
B	±4.0	*	±3.0	±3.0	±1.0	±1.0	
C	±6.0	*	±3.0	±3.0	±1.0	±1.0	
* for these tolerances see chapter 2.2 of the piping instruction 4-107.354.915							

This table specifies documents in accordance with "UR M72 - Certification of Engine Components" (or DIN EN 10204-(2004) 'TYPES OF INSPECTION DOCUMENTS')		
Additional class rules may apply. Please contact the relevant class society to determine actual requirements.		
TEST TYPE:	CERTIFICATE TYPE:	TESTING FREQUENCY:
MATERIAL	MATERIAL IDENTIFICATION	-
STRUCTURAL COMPOSITION	INSPECTION CERTIFICATE W (3.1) (INDEPENDENT AUTHORITY)	EXAMINATION OF EACH PART
SURFACE CRACK DETECTION TEST	INSPECTION CERTIFICATE W (3.1) (INDEPENDENT AUTHORITY)	EXAMINATION OF EACH PART
PRESSURE TEST	INSPECTION CERTIFICATE W (3.1) (INDEPENDENT AUTHORITY)	EXAMINATION OF EACH PART
Unten erwaehte Restriktionen gelten fuer RESTRICTIONS BELOW APPLY FOR		Pos. POS. 001

This table specifies documents in accordance with "UR M72 - Certification of Engine Components" (or DIN EN 10204-(2004) 'TYPES OF INSPECTION DOCUMENTS')		
Additional class rules may apply. Please contact the relevant class society to determine actual requirements.		
TEST TYPE:	CERTIFICATE TYPE:	TESTING FREQUENCY:
MATERIAL	MATERIAL IDENTIFICATION	-
CHEMICAL ANALYSIS	INSPECTION CERTIFICATE W (3.1) (INDEPENDENT AUTHORITY)	TEST PER CHARGE OR HEAT TREATMENT
TENSILE TEST	INSPECTION CERTIFICATE W (3.1) (INDEPENDENT AUTHORITY)	TEST PER CHARGE OR HEAT TREATMENT

SURFACE PROTECTION SEE GROUP 0344
TOLERANCING PRINCIPLE ISO8015

0m	002	008.010.031.831	PIPE DN150 / 165.2 x 3.4			W-FA-2Cr18Ni14Mo-A-T	13,6	
0m	001	008.010.032.829	PIPE DN125 / 139.8 x 5			W-FA-2Cr18Ni14Mo-A-T	16,6	
QTY	SEQ NO	Material ID	Material Name Dimension, Occ		Standard or Drawing	Basic Material Material Standard	Weight GR./NET	
Free space for lic.						Q-Code 1S1P1	Main Drw.	
						Standard JIS		
Modif.								
	Number	Drawn date		Number	Drawn date		Number	Drawn date
 Winterthur Gas & Diesel			Product W-2S		WELD. AND TEST INSTRUCTIONS Schweiss- und Pruefvorschrift			
Units	mm kg	NX		Basic Material			Net Weight 0,001	
Made	16.12.2020	hzh102 Zhang	Scale 1:2,5	Size A3	Page 1/2	Material ID PAAD371236		
Chkd	17.12.2020	nba032 Baumgartner	Design Group 8903	Drawing ID DAAD138326				Rev. —
Appd	18.12.2020	sth017 Thalmann						

WinGD – 9X92DF_Pipe Connection Plan

TRACK CHANGES

DATE	SUBJECT	DESCRIPTION
2021-05-23	DRAWING SET	First web upload
2022-05-26	PAAD363139	Revised Pipe Connection Plans for Turbocharger types 3xMET66-MB has been updated.

DISCLAIMER

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