

1

2

3

4

**Available executions**

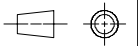
Execution No.	Material ID
001	PAAD367859

**NOTE**

The above executions can be configured using the Engine Configurator.

Detailed guidance for the executions is provided within the Marine Installation Manual (MIM). If a specific execution of interest is not shown in the above table, then it may still be under development or not available. For further information or in case of a project-specific request, WinGD must be contacted directly.

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Prod.	X62DF													
	X62DF-1.1													
Change History														
	-	sna102				new Design								
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis						Activity Code	E	C
 Winterthur Gas & Diesel					LEAKAGE COLLECTION/WASHING SYS. MIDS master drawing									
separate BOM available					Dimension									
Scale	-		NX	Units [mm] [kg]		Basic Material				Net Weight 0.001				
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				Qty per		A4		Item ID		PTAA025989		Drawing Page/s		1/1

1

2

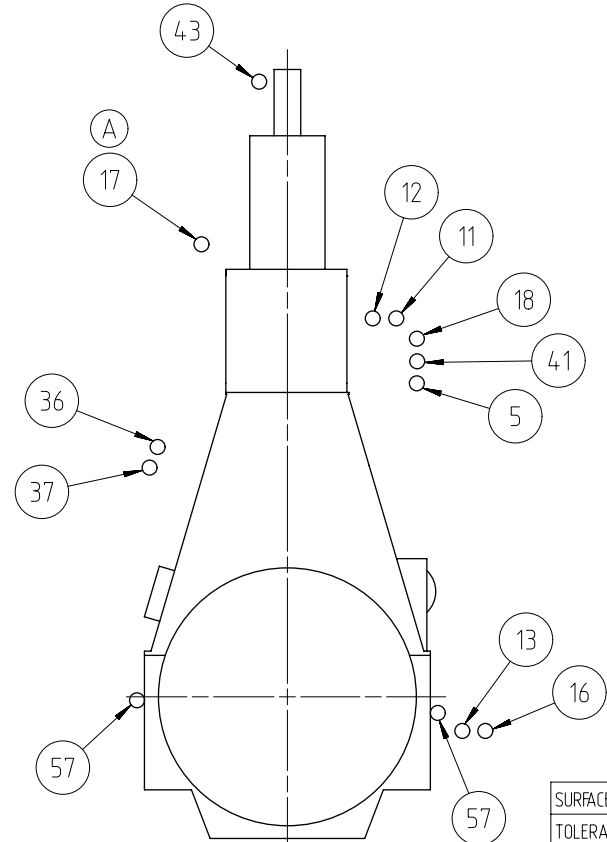
3

4

SEQ NO	QTY	Item ID	Item Name	Dimension	Standard-ID	Basic Material	Net Weight
001	1	PAAD367858	LEAKAGE COLLECTION/WASHING SYS.				0.001
Prod.	5,6,7,8 X62DF 5,6,7,8 X62DF-1.1						
Change History							
	A	sna102	mhu019	24.11.2022	CNAA002826	Main Design/Drawing Introduced	4 3
	-	sde101	mhu019	26.04.2021		-	- -
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Approved Activity Code E C
			LEAKAGE COLLECTION/WASHING SYS.				
Bill Of Material			Dimension				
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			Main Design	Yes	Design Group	9724 Q-Code XXXXX	Standard WDS
			Qty per	Engine	A4	Item ID PAAD367859	BOM Page/s 01/01

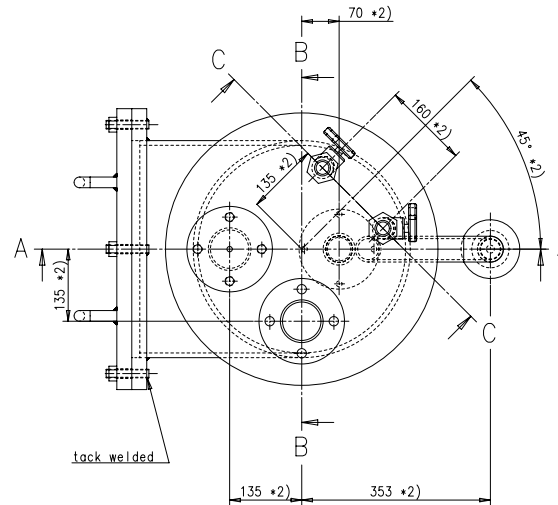
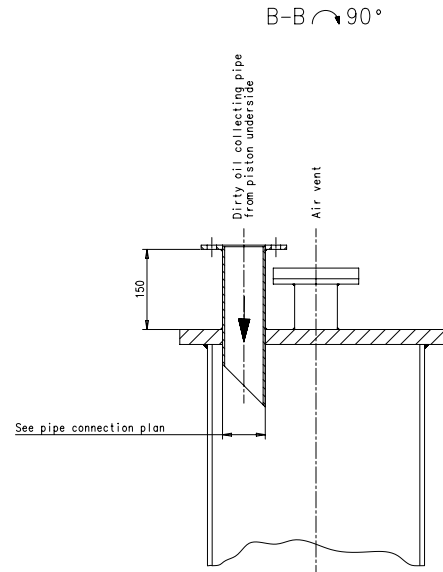
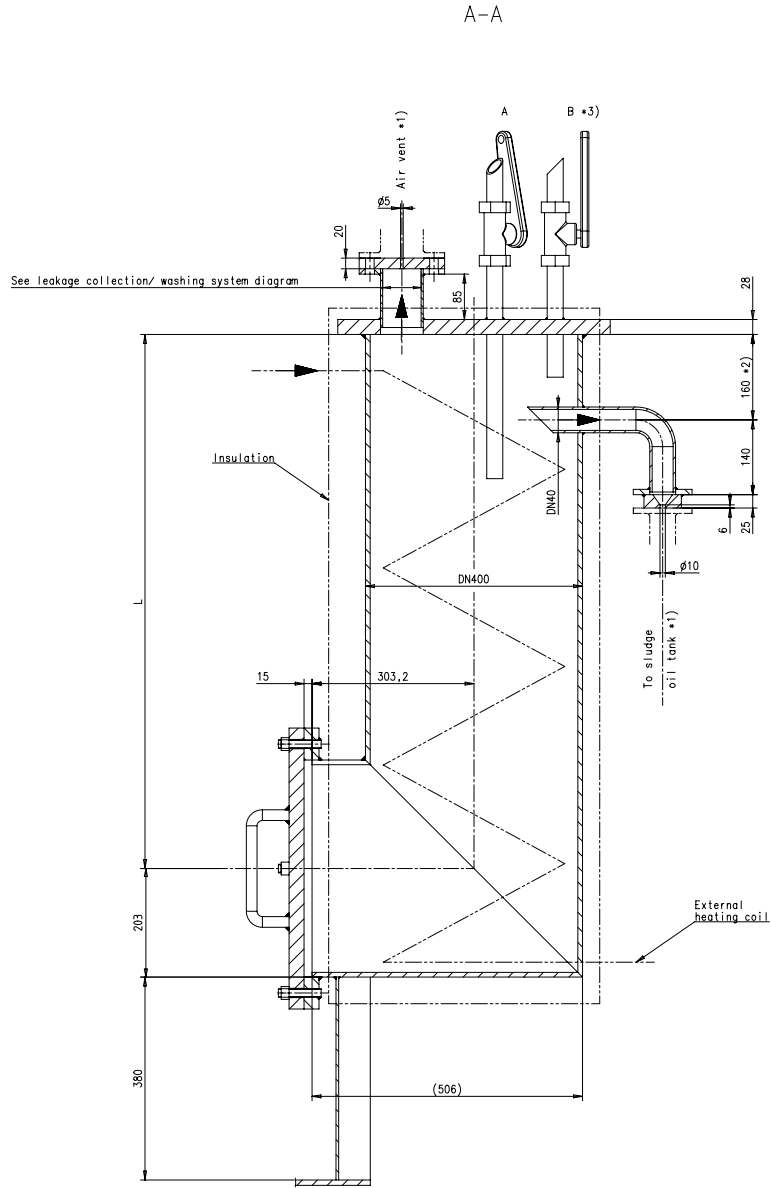
SEQ NO	QTY	Item ID	Item Name	Dimension	Standard-ID	Basic Material	Net Weight
1	1	107.425.369.500	SLUDGE OIL TRAP				0.001
Prod.	X62DF						
	X62DF-1.1						
Change History							
	A	npa101	mhu019	15.12.2023	EAAD787403	Drawing Updated	4 3
	-	sde101	mhu019	26.04.2021	EAAD787403	-	- -
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Approved Activity Code E C
<div>WIN GD</div> <div>Winterthur Gas &amp; Diesel</div>			LEAKAGE COLLECTION/WASHING SYS. SYSTEM DIAGRAM				
Bill Of Material			Dimension				
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			Main Design		Design Group 9724	Q-Code X X M	Standard WDS
			Qty per		A4	Item ID PAAD367858	BOM Page/s 01/01

SPECIFICATION which must be met

A	36	OUTLET - Dirty oil piston underside - Flow with SAC pressure to sludge oil trap or appropriate arrangement - Min. inclination of drain pipe: 15°	5	OUTLET - Cylinder cooling water drain - Gravity flow to cooling water drain tank or appropriate tank	A
	37	OUTLET - Leakage oil gland box - Gravity flow to sludge tank or appropriate tank	11	INLET - SAC washing water - Only in use if an optional SAC washing system is installed on the ship side Otherwise blinded with a blind flange - Washing water properties: Fresh water mixed with a chemical washing agent Mixing ratio according to chemical washing agent suppliers specification - Washing water supply pressure: 3 bar - Washing water temperature: 50°C - 60 °C - Washing water pump circulation rate: 3.8 m3/h - Washing water circulation tank capacity: 0.4 m3	
	41	OUTLET - Venting crankcase - Venting to funnel - Must not be connected to other venting pipes	A		
B	43	OUTLET - Venting turbocharger - Venting to funnel - Minimum inclination according to TC suppliers specification - Must not be connected to other venting pipes	12	INLET - Air for turbocharger cleaning - Working air, supply pressure: 7-9 bar	B
	57	OUTLET - Various leakages - Gravity flow to sludge tank or appropriate tank	13	OUTLET - Oily water from scavenge air receiver - Gravity flow to oily water tank or appropriate tank	
C			16	OUTLET - SAC condensate water - Gravity flow to bilge water tank or appropriate tank	C
			17	OUTLET - SAC washing water - Only in use if an optional SAC washing system is installed on the ship side Otherwise blinded with a blind flange - To chemical washing water circulation tank during SAC cleaning	
			18	OUTLET - SAC venting - Free flow outside of engine room	

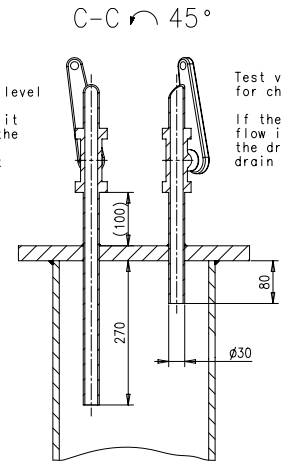
Prod.	X62DF		X62DF-1.1											
Change History														
	A	npa101	nm09	5.2.2023	040432	Drawing Updated						4	3	
	-	sde101	mhu019	26.04.2021	EAAD787403	-						-	-	
Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis						Approved	Activity Code	E	C
					LEAKAGE COLLECTION/WASHING SYS. SYSTEM DIAGRAM									
separate BOM available					Dimension									
Scale	-		NX	Units [mm] [kg]	Basic Material					Net Weight		0.001		
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					Qty per		A3	Item ID		PAAD367858		Drawing Page/s		1/2





①  
Test valve A:  
for checking the solids level

If there is no oil flow it  
is the indication that the  
solid level is too high.  
The sludge oil trap must  
be cleaned.



②  
Test valve B:  
for checking the liquids level

If there is oil instead of air  
flow it is the indication that  
the drain line is blocked.  
The drain line must be cleaned.

Remarks:

\*1) Orifice to be as shown

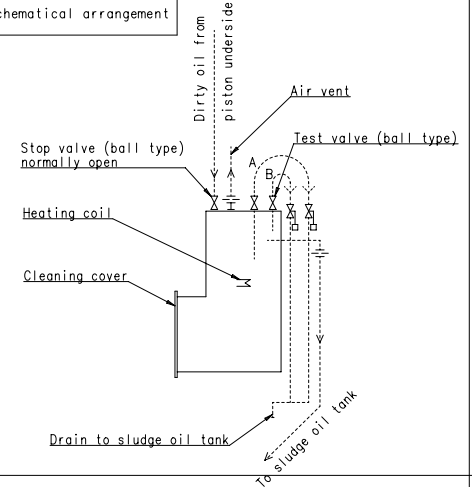
\*2) Observe location of pipes with regard to each other

\*3) Optional - Alternatives, such as level sensors, are possible

Details:

	L = 1000	L = 550
Cylinder bore size:	55-96	35-54
Capacity:	150 l	100 l
Working pressure:	4 bar	
Testing pressure:	6 bar	
Temperature:	80°C	

Schematic arrangement



Proj.	CX40DF	RT-flex50-D	RT-flex50-T-D V1	RT-flex50-T-E	RT-flex50-L	RT-flex50-D	RT-flex50-D	RT-flex50-D	X35-B
Change history	D sde101	mhu018	10.01.2022	0A400373	drawing updated	4	3		
	C sde101	mhu019	10.09.2018	EAA0089439	Legacy information. See corresponding ChangeNotice	4	-		
	B dki021	mhu019	16.07.2017	EAA0087849	Legacy information. See corresponding ChangeNotice	4	-		
	Rev	WingD	jba029	13.11.2009	-	-	-	-	-
Rev	Creator	Approved	Approved Date	Change ID	Change Synopsis	Approved	Activity Code	E	C
<div> <b>SLUDGE OIL TRAP</b> </div>									
<div> <div> Scale: 1:5  NX </div> <div> Units: [mm] [kg] </div> <div> Basic Material </div> </div>									
<div> <div> Main Design </div> <div> Design Group </div> </div>									
<div> <div> Q-Code XXXXX </div> <div> Standard </div> </div>									
<div> <div> Item ID </div> <div> 107.425.369.500 </div> </div>									
<div> <div> Net Weight </div> <div> 0.001 </div> </div>									
<div> <div> WDS </div> <div> Drawing Page </div> </div>									
<div> <div> 1/1 </div> </div>									

SURFACE PROTECTION SEE GROUP 0344  
TOLERANCING PRINCIPLE ISO8015  
GENERAL TOLERANCES ACCORDING TO ISO2768-mK

## MIDS - LEAKAGE-COLLECTION and WASHING-SYSTEM (DG9724)

WinGD-X62DF/1.1

### TRACK CHANGES

DATE	SUBJECT	DESCRIPTION
2021-05-04	DRAWING SET	First web upload
2023-12-20	PAAD367858A	New revision

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