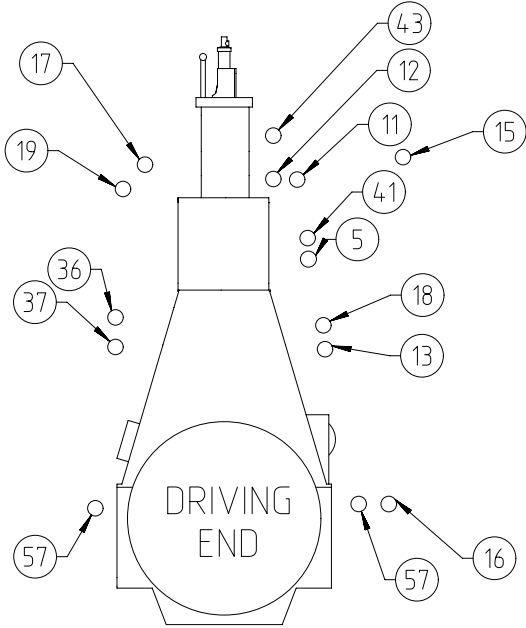


SEQ NO	QTY	Item ID	Item Name	Dimension	Standard-ID	Basic Material	Net Weight			
3	1	PTAA036179	LEAKAGE COLLECTION/WASHING SYS. iCER off-engine				0			
<div></div>										
Prod.	6,7,8,9 X82DF-2.0									
Change History										
	-	dkl021	ds009	21062022	01/002059	Main Design/Drawing Introduced	-	-		
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Approved	Activity Code	E	C
<div><div>WIN GD</div><div>Winterthur Gas & Diesel</div></div>			LEAKAGE COLLECTION/WASHING SYS. iCER off-engine							
Bill Of Material			Dimension iCER off-engine							
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			Main Design Yes		Design Group 9724		Q-Code XXXXX		Standard WDS	
			Qty per Engine		A4		Item ID PTAA036180		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.	X82DF-2.0						
Change History							
	B	dki021	mhu019	19.12.2022	CNAA002848	Drawing Updated	4 3
	A	rth101	mhu019	22.11.2022	CNAA002751	Drawing Updated	4 3
	-	dki021	dst009	21.06.2022	CNAA002059	new Design	- -
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Approved Activity Code E C
<div>WIN GD</div> <div>Winterthur Gas & Diesel</div>			LEAKAGE COLLECTION/WASHING SYS. iCER off-engine				
Bill Of Material			Dimension iCER off-engine				
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			Main Design		Design Group 9724	Q-Code XXXXX	Standard WDS
			Qty per		A4	Item ID PTAA036179	
							BOM Page/s 01/01

SPECIFICATION which must be met:

A	19	OUTLET - SAC condensate water, iCER - To EGC wastewater holding tank during iCER operation - The system components downstream of this connection until the pH-neutralisation dosing unit must be designed for low pH operation.	5	OUTLET - Cylinder cooling water drain. - Gravity flow to cooling water drain tank or appropriate tank.	A
	36	OUTLET - Dirty oil piston underside - Flow with SAC pressure to sludge oil trap or appropriate arrangement. - Min. inclination of drain pipe: 15°	11	INLET - SAC wash water - Optional connection. Only necessary if an external SAC washing system is installed. - Wash water supply: From external washing system - Wash water supply pressure: min. 3.0 bar - Wash water circulation rate: min. 4.5 m³/h	
B	37	OUTLET - Leakage oil gland box - Gravity flow to sludge tank or appropriate tank.	B		B
	41	OUTLET - Venting crankcase - Venting to funnel - Must not be connected to other venting pipes.	12	INLET - Air for cleaning plants TC and SAC - Working air, supply pressure: 7-9 bar	
	43	OUTLET - Venting turbocharger - Venting to funnel - Minimum inclination according to TC suppliers specification - Must not be connected to other venting pipes.	13	OUTLET - Oily water from scavenge air receiver - Gravity flow to oily water tank or appropriate tank.	
C	57	OUTLET - Various leakages - Gravity flow to sludge tank or appropriate tank.	15	INLET - SAC wetting water - Wetting water supply: From clean water holding tank or SAC wetting buffer tank. - Wetting water supply pressure: max. 10 bar - Wetting water circulation rate: 500-1000 l/h per SAC	C
			16	OUTLET - SAC condensate water - Gravity flow to bilge water tank or wash water collection tank or to the EGC bleed-off line depending on the operation mode. - The system components downstream of this connection until the pH-neutralisation dosing unit must be designed for low pH operation.	
			17	OUTLET - SAC wash water - Optional connection. Only necessary if an external SAC washing system is installed. - To wash water collection tank during SAC cleaning.	
D			B		D
			18	OUTLET - SAC venting - Free flow outside of engine room	



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

Prod.	X82DF-2.0									
Change History										
			mhu019	19.12.2022	CNAA002848				4	3
	A	rth101				Drawing Updated				
	-	dki021	dst009	21.06.2022	CNAA002059	new Design				-
Rev.		Creator	Approver	Approval Date	Change ID	Change Synopsis		Approved	Activity Code	E C
WINGD Winterthur Gas & Diesel						LEAKAGE COLLECTION/WASHING SYS. iCER off-engine				
separate BOM available						Dimension iCER off-engine				
Scale		-		NX	Units [mm] [kg]	Basic Material			Net Weight	0.000
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Qty per		A3		Item ID		PTAA036179		Drawing Page/s 1/2		

Available executions

Execution No.	Material ID	Cylinder No.
001	PAAD362306	6-9

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.	X82DF-2.0									
Change History										
	-	dkl021				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 0.006			
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					Qty per		A4	Item ID	PTAA015894	

SEQ NO	QTY	Item ID	Item Name	Dimension	Standard-ID	Basic Material	Net Weight
3	1	PAAD362038	LEAKAGE COLLECTION/WASHING SYS.				0.001
<div>NOT VALID FOR NEW PROJECTS! Provided only as reference for projects contracted before April 2022</div>							
Prod.	6,7,8,9 X82DF-2.0						
Change History							
	-	dkl021	dst009	29.09.2021	CNAA000267	new Drawing	- -
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Activity Code E C
<div>WIN GD Winterthur Gas & Diesel</div>			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 PAAD362306	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

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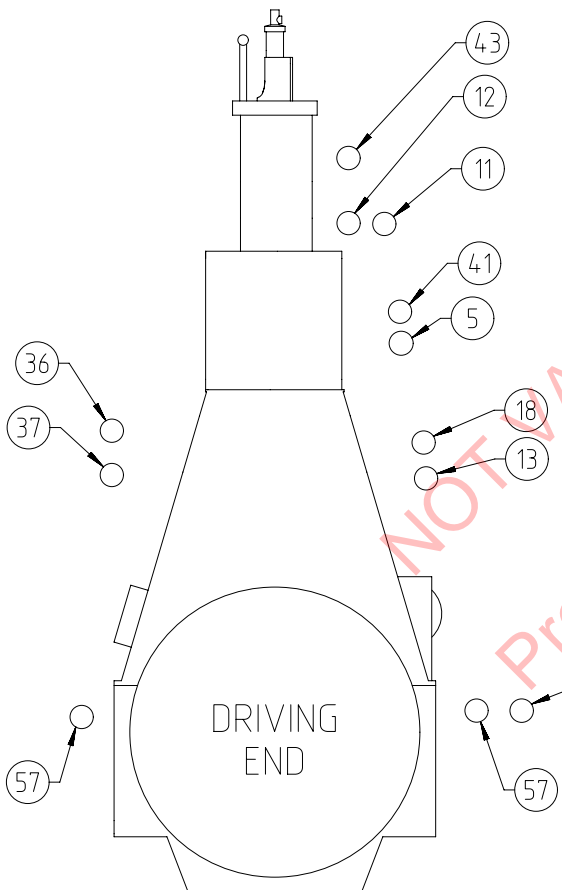
Prod.	X82DF-2.0						
Change History							
	A	mhu019	dst 009	20.12.2021	CNAA001054	Drawing Updated	- -
	-	dki021	dst009	29.09.2021	CNAA000267	-	- -
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Approved Activity Code E C

	LEAKAGE COLLECTION/WASHING SYS.
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
Bill Of Material		Dimension					
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		Main Design		Design Group 9724		Q-Code XXXXX	Standard WDS
		Qty per		A4	Item ID	PAAD362038	BOM Page/s 01/01

SPECIFICATION which must be met:

A	43	OUTLET - Venting turbocharger - Venting to funnel - Minimum inclination according to TC suppliers specification - Must not be connected to other venting pipes.	5	OUTLET - Cylinder cooling water drain. - Gravity flow to cooling water drain tank or appropriate tank.	A
	57	OUTLET - Various leakages - Gravity flow to sludge tank or appropriate tank.	11	INLET - Washing water SAC - From freshwater hydrophore system	

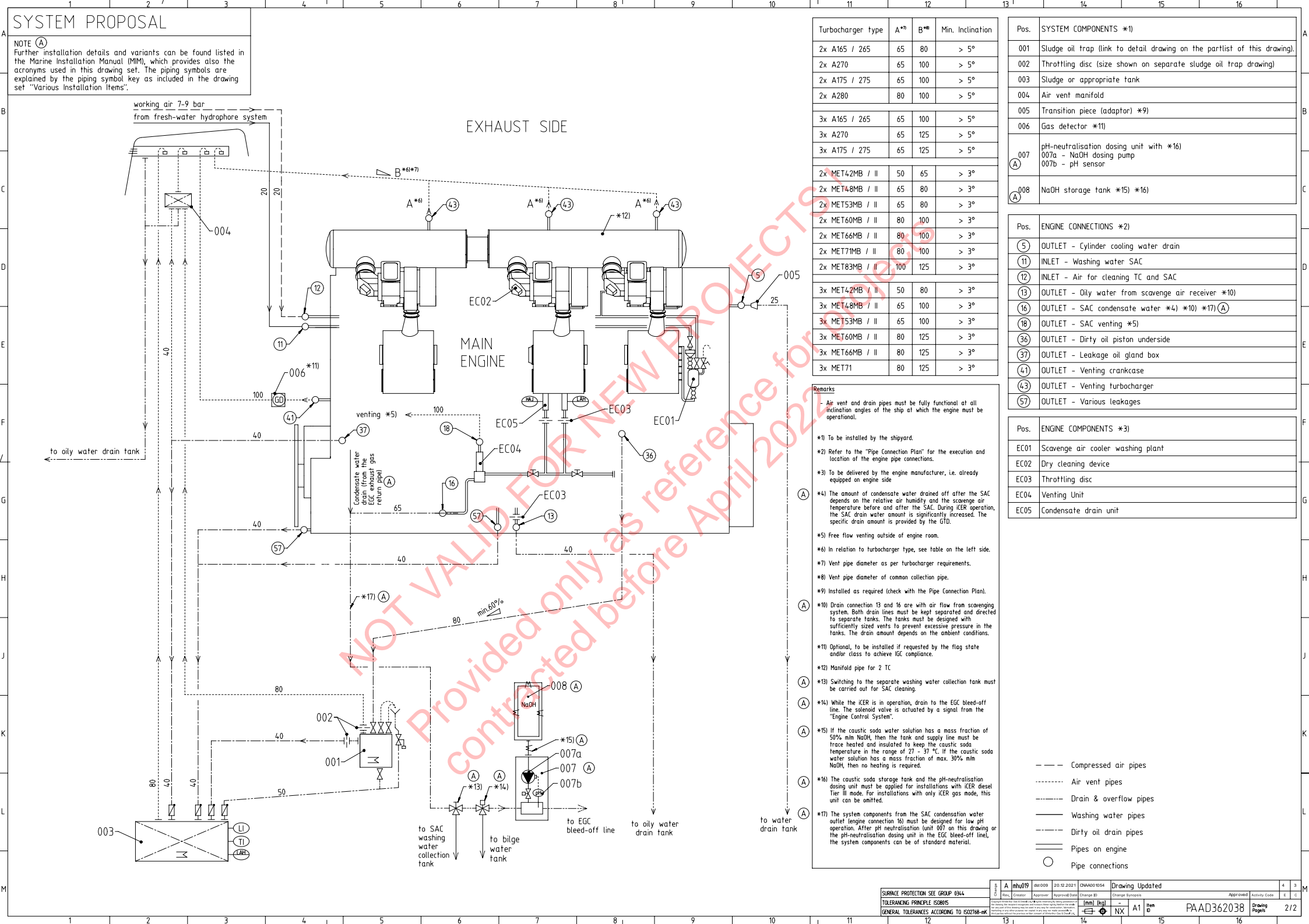
B					12	INLET - Air for cleaning plants TC and SAC - Working air, supply pressure: 7-9 bar	B
					13	OUTLET - Oily water from scavenge air receiver - Gravity flow to oily water tank or appropriate tank.	
					16	OUTLET - SAC condensate water - Gravity flow to bilge water tank or washing water collection tank or to the EGC bleed-off line depending on the operation mode. - The system components downstream of this connection until the pH-neutralisation dosing unit must be designed for low pH operation.	
					18	OUTLET - SAC venting - Free flow outside of engine room	
					36	OUTLET - Dirty oil piston underside - Flow with SAC pressure to sludge oil trap or appropriate arrangement. - Min. inclination of drain pipe: 15°	
C					37	OUTLET - Leakage oil gland box - Gravity flow to sludge tank or appropriate tank.	C
					41	OUTLET - Venting crankcase - Venting to funnel - Must not be connected to other venting pipes.	

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

Prod.	X82DF-2.0												
Change History													
	A	mhu019	dst009	20.12.2021	CNAA001054	Drawing Updated					4	3	
	-	dki021	dst009	29.09.2021	CNAA000267	-					-	-	
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Approved	Activity Code	E	C			
	WIN GD Winterthur Gas & Diesel					LEAKAGE COLLECTION/WASHING SYS.							
separate BOM available					Dimension								
Scale	-		NX	Units	[mm] [kg]	Basic Material				Net Weight 0.001			
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				Qty per	A3	Item ID		PAAD362038		Drawing Page/s 1/2			

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

Prod.	X82DF-2.0													
Change History														
	A	mhu019	dst009	20.12.2021	CNAA001054	Drawing Updated					4	3		
	-	dki021	dst009	29.09.2021	CNAA000267	-					-	-		
Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis					Approved	Activity Code	E	C	
<div>WINGD Winterthur Gas & Diesel</div>					LEAKAGE COLLECTION/WASHING SYS.									
separate BOM available					Dimension									
Scale	-		NX	Units [mm] [kg]	Basic Material					Net Weight	0.001			
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					Qty per		A3	Item ID		PAAD362038			Drawing Page/s	1/2



MIDS - WinGD X82DF-2.0 – Leakage Collection & Washing System (DG9724)

TRACK CHANGES

DATE	SUBJECT	DESCRIPTION
2021-07-30	DRAWING SET	First web upload
2021-12-22	PAAD362038	System drg – new revision
2022-03-11	107.425.369.500	System drg – new revision
2022-06-23	PTAA036180 PTAA036179	New main and system drgs. as replacement for the previous drawing set added
2022-06-23	PTAA036179	System drg. – new revision
2022-12-20	PTAA036179	System drg. – new revision

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