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SURFACE PROTECTION SEE GROUP 0344

TOLERANCING PRINCIPLE ISO8015

GENERAL TOLERANCES ACCORDING TO ISO2768-mK

Available executions

Execution No.	Material ID	Cylinder No.
1	PAAD332472	5-8

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.	X40DF-1.0										
Change History											
	-	sde101	dst009	27.10.2021	CNAA000871	new Design				-	-
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Approved	Activity Code	E	C	

WIN GD
Winterthur Gas & Diesel

AIR SUPPLY SYSTEM
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	PTAA015216			Drawing Page/s	1/1		

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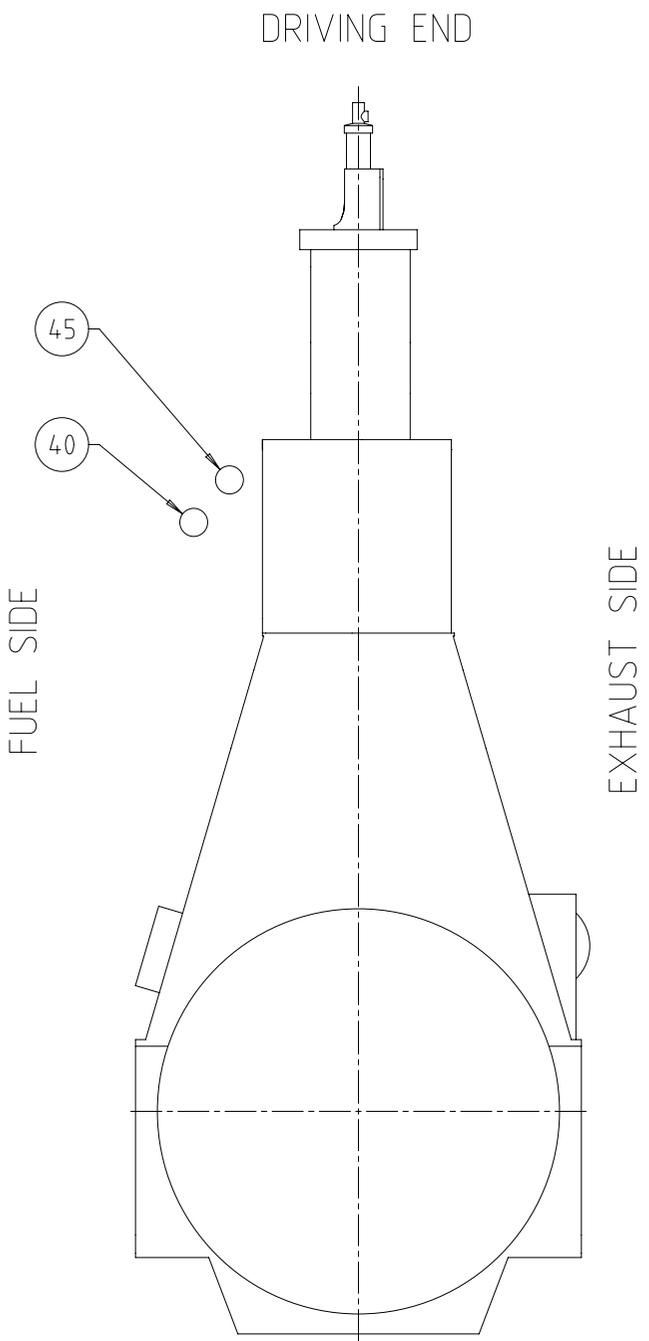
SEQ NO	QTY	Item ID	Item Name	Dimension	Standard-ID	Basic Material	Net Weight
1	1	PTAA010888	AIR SUPPLY SYSTEM				0

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Prod.	6 CX40DF 5,6,7,8 X40DF-1.0						
Change History							
	A	sde101	dst009	27.10.2021	CNAA000871	Main Design/Drawing Introduced	4 3
	-	sde101	mhu019	06.09.2019		-	- -
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Approved Activity Code E C

	AIR SUPPLY SYSTEM
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Bill Of Material		Dimension					
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	Main Design	Yes	Design Group	9725	Q-Code	XXXXX	Standard WDS
	Qty per	Engine	A4	Item ID	PAAD332472		BOM Page/s



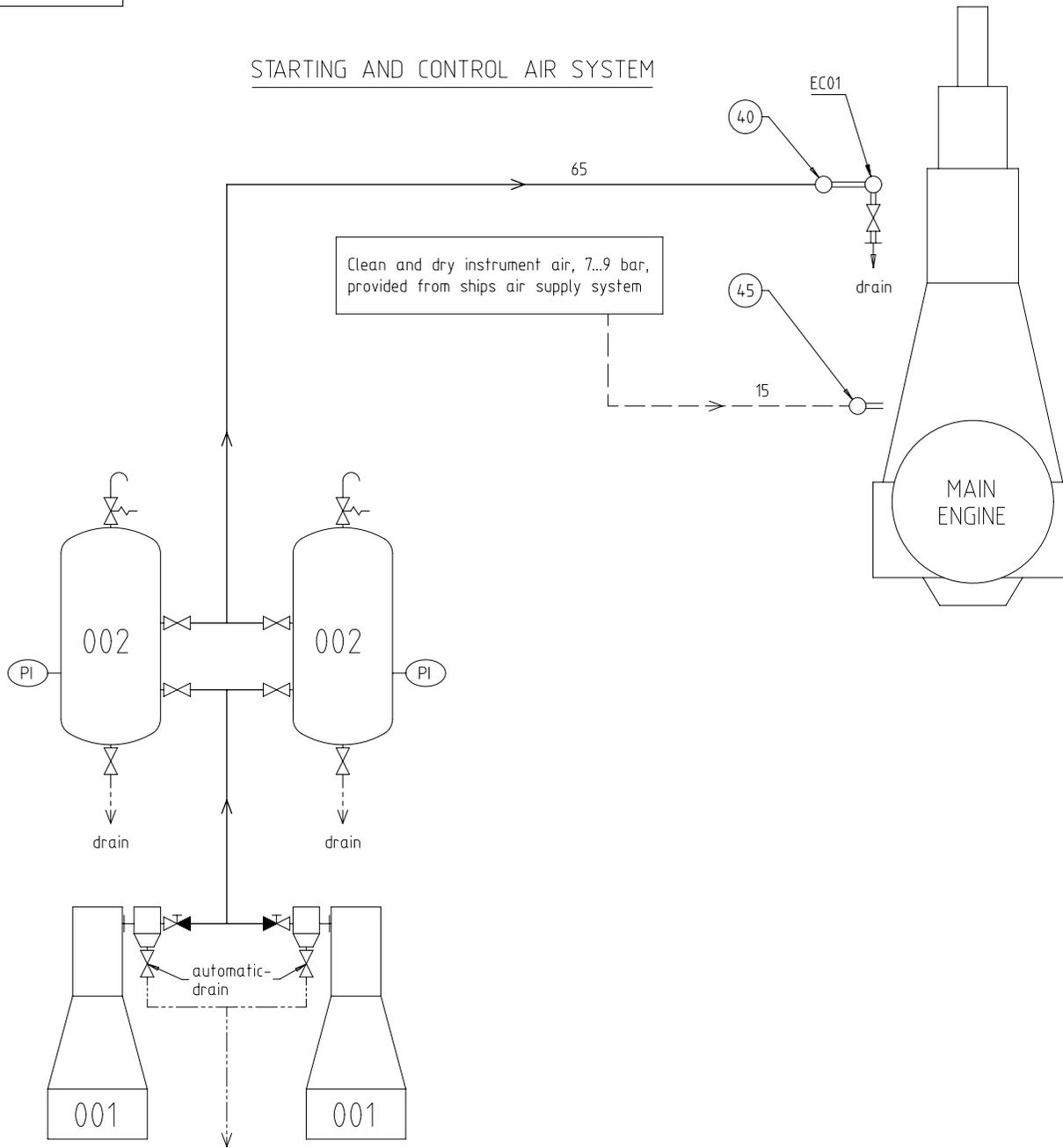
SPECIFICATIONS which must be met

(40)	INLET - Starting air Starting air pressure: 25 or 30 bar (according to design) Capacity of starting air receivers: according to GTD
(45)	INLET - Control air Control air pressure: 7-9 bar Control air quality has to be comply with the compressed air purity class: 5-4-3 according to ISO 8573-1 (2010-04-15)

Prod.																											
Change History																											
	-	sde101	dst009	27.10.2021	CNA000871	new Design										-	-										
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis										Approved	Activity Code	E	C								
					AIR SUPPLY SYSTEM																						
Dimension																											
Scale	-		NX	Units [mm] [kg]	Basic Material										Net Weight	0.001											
SURFACE PROTECTION SEE GROUP 0344				TOLERANCING PRINCIPLE ISO8015				GENERAL TOLERANCES ACCORDING TO ISO2768-mK				Copyright Winterthur Gas & Diesel Ltd. All rights reserved. By taking possession of the drawing the recipient recognizes and honours these rights. Neither the whole nor any part of this drawing may be used in any way for construction, fabrication, marketing or any other purpose nor copied in any way nor made accessible to third parties without the previous written consent of Winterthur Gas & Diesel Ltd.				Main Design Group		9725	Design Group		7925	Q-Code		XXXXX	Standard		WDS
Qty per		A3		Item ID		PTAA010888						Drawing Page/s		1/2													

SYSTEM PROPOSAL

STARTING AND CONTROL AIR SYSTEM



Pos.	System Components *1)
001	Starting air compressor 25/30 bar (capacity according to GTD)
002	Starting air receiver 25/30 bar (capacity according to GTD)

Pos.	Engine Connections *2)
④0	INLET - Starting air
④5	INLET - Control air (for control system and air spring)

Pos.	Engine Components *3)
EC01	Distribution pipe with automatic starting air shut-off valve

Remarks:-

- Drain plugs and drain cocks to be installed where necessary.
- Pipe diameters for starting air compressors and auxiliary equipment according to suppliers recommendations.

*1) Refer to the "Pipe Connection Plan" for the execution and location of the engine pipe connections.

*2) To be delivered by external supplier and to be installed by the shipyard.

*3) To be delivered by the engine builder. i.e. already equipped on engine side.

- Starting air feed pipes
- - - Control air pipes
- Ancillary equipment pipes
- · - · - · Drain pipes
- ==== Pipes on engine
- Pipe connections

SURFACE PROTECTION SEE GROUP 0344				Change		-		-		-	
Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Approved	Activity Code	E	C		
-	sde101	dst009	27.10.2021	CNA000871	new Design						
TOLERANCING PRINCIPLE ISO8015				mm	kg	-					
GENERAL TOLERANCES ACCORDING TO ISO2768-mK				NX	A2	Item ID	PTAA010888	Drawing	2 / 2		

MIDS – WINGD X40DF-1.0 – Air Supply System (DG9725)

TRACK CHANGES

DATE	SUBJECT	DESCRIPTION
2019-09-09	DRAWING SET	First web upload
2021-10-29	PTAA010888 PTAA015216 PAAD332472	Main and System drg – new revision

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