

Available executions

Execution No.	Material ID	Cylinder No.
1	PAAD027842	5-8

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

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.

This publication is designed to provide accurate and authoritative information with regard to the subject-matter covered as it was available at the time of printing. However, the publication deals with complicated technical matters suited only for specialists in the area, and the design of the subject-products is subject to regular improvements, modifications and changes. Consequently, the publisher and copyright owner of this publication cannot accept any responsibility or liability for any eventual errors or omissions in this document or for discrepancies arising from the features of any actual item in the respective product being different from those shown in this publication. The publisher and copyright owner shall under no circumstances be held liable for any financial consequential damages or other loss, or any other damage or injury, suffered by any party making use of this publication or the information contained herein.

Prod.	X35-B										
Change History											
	-	sde101	dst009	27.10.2021	CNAA000871	new Design				-	-
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Approved	Activity Code	E	C	



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	PTAA015138		Drawing Page/s

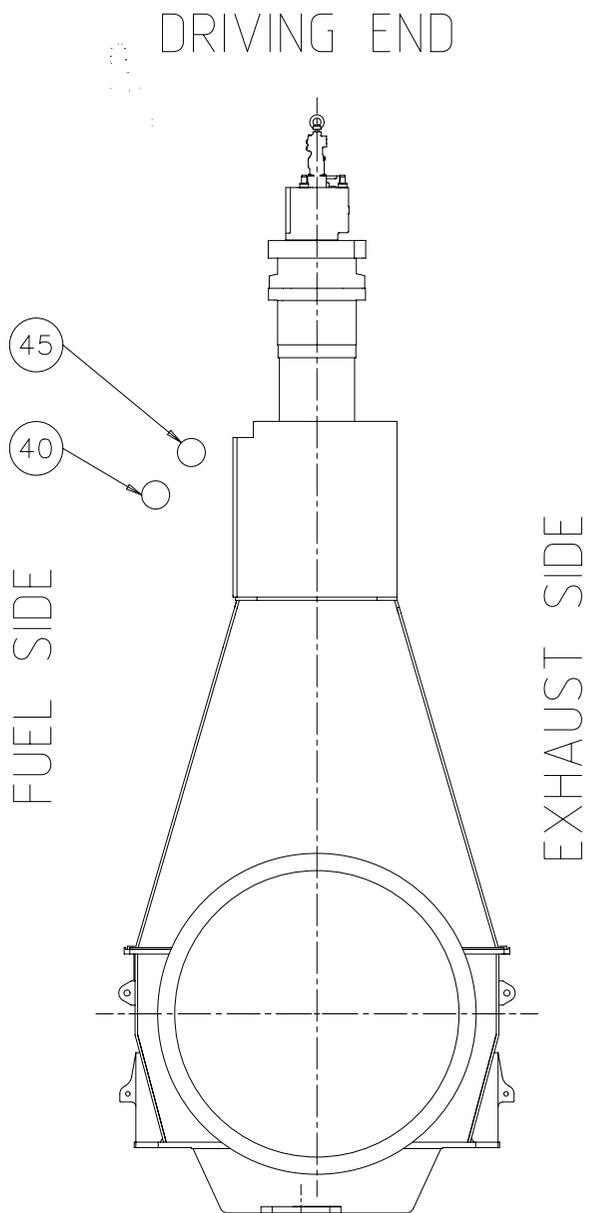
SEQ NO	QTY	Item ID	Item Name	Dimension	Standard-ID	Basic Material	Net Weight
001	1	PTAA009631	AIR SUPPLY SYSTEM				0

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Prod.	5,6,7,8 X35 5,6,7,8 X35-B								
Change History	C	sde101	dst 009	27.10.2021	CNA000871	Main Design/Drawing Introduced	4	3	
	B	dk1021	mhu019	11.01.2019	EAAD090092	Legacy information. See corresponding ChangeNotice	4	-	
	A	mhu019	dst009	05.05.2011	EAAD082637	Legacy information. See corresponding ChangeNotice	4	-	
	-	wwr001	dst009	30.12.2010		-	-	-	
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Approved	Activity Code	E

	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	PAAD027842		BOM Page/s



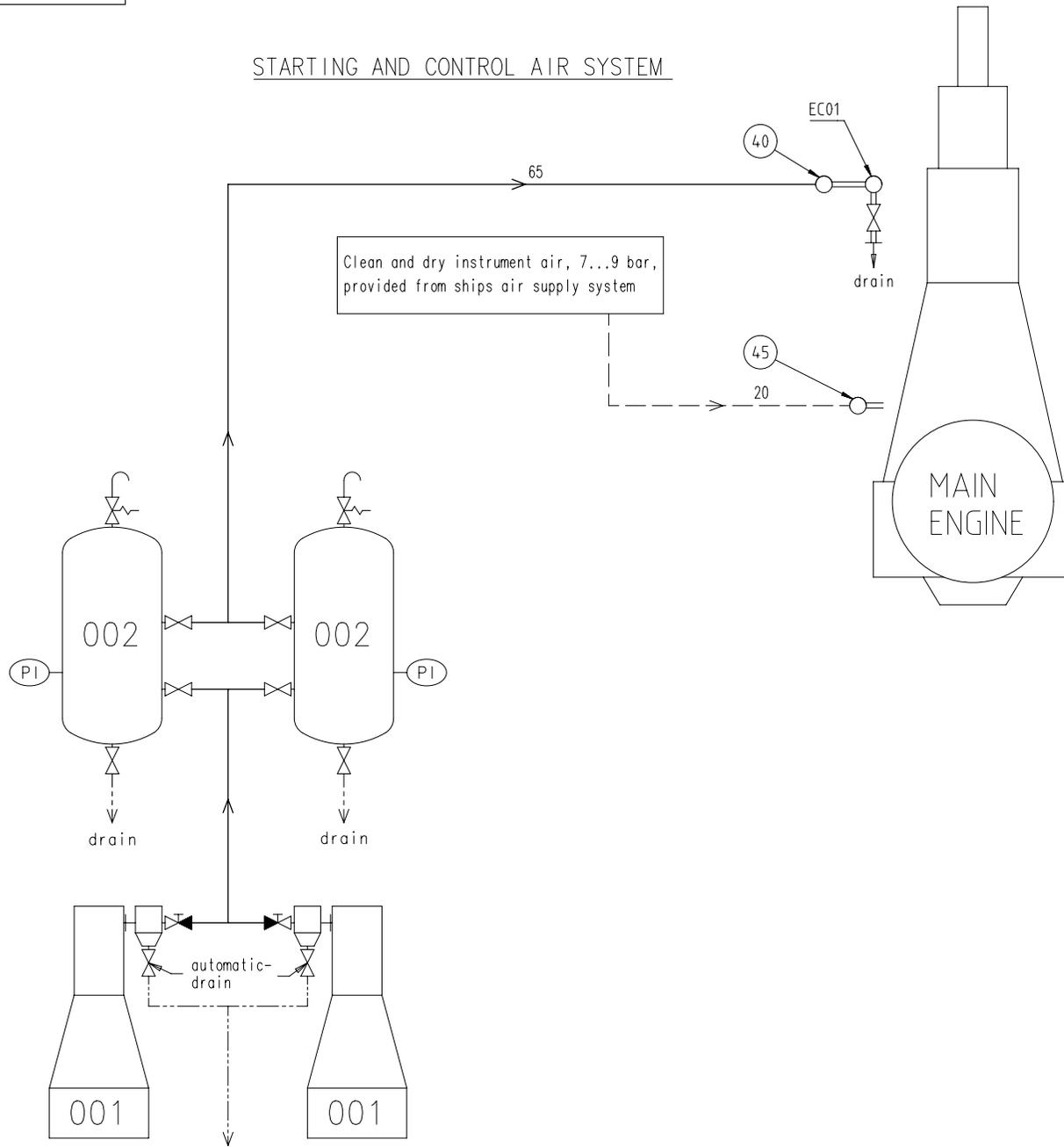
SPECIFICATIONS which must be met:

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																			
Scale		-			NX		Dimension		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 not copied in any way nor made accessible to third parties without the previous written consent of Winterthur Gas & Diesel Ltd.		Main Design		Design Group		9725		Q-Code		XXXXX		Standard		WDS	
Qty per		A3		Item ID		PTAA009631		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		- sde101		dst009		27.10.2021		CNA000871		new Design		-		-		
TOLERANCING PRINCIPLE ISO8015				Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis		Approved	Activity Code	E	C						
GENERAL TOLERANCES ACCORDING TO ISO2768-mK				Copyright: Wartsila Gas & Diesel Ltd. All rights reserved. By using permission of the drawing the recipient accepts the liability for errors. Neither the whole nor any part of this drawing may be used in any way for construction, fabrication, installation or any other purpose not agreed in the written order made according to this parties without the previous written consent of Wartsila Gas & Diesel Ltd.		[mm]	[kg]	-	A2	Item ID	PTAA009631		Drawing	2 / 2						

MIDS – WINGD X35-B – Air Supply System (DG9725)

TRACK CHANGES

DATE	SUBJECT	DESCRIPTION
2017-02-17	DRAWING SET	First web upload
2019-01-15	DAAD012595	System drawing - new revision
2021-10-29	PAAD027842 PTAA009631 PTAA015138	System and main drg – new revision

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