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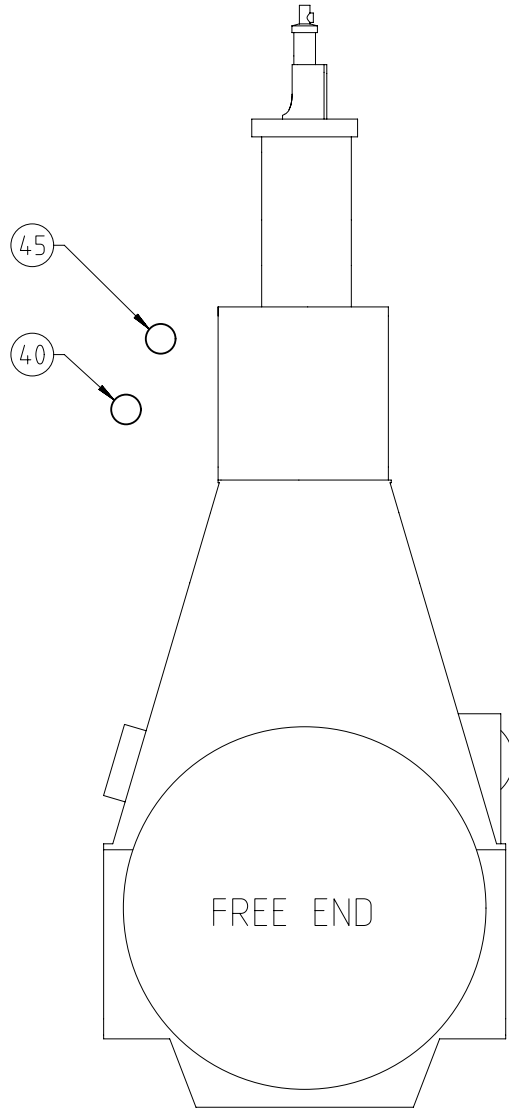
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A
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Net Weight		0,001						
Quantity	SEQ NO	Material ID	Material Name	Dimension, Occ	Standard or Drawing	Basic Material Material Standard	Weight GR./NET	
1	001	PAAD379236	AIR SUPPLY SYSTEM		DAAD142347		0,001	
PER ENGINE	Free space for lic.						Q-Code XXXXXX	Main Drw. H
Material ID	Modif.	Number	Drawn date	Number	Drawn date	Number	Drawn date	
PAAD379252	○			○		○		
		Product W5-8X52DF-S1.0		AIR SUPPLY SYSTEM Luftversorgungssystem				
Units	mm kg	NX		Basic Material			Net Weight	
SURFACE PROTECTION SEE GROUP 0344		Made	07.04.2021 dki021 DH.Kim		Scale	-		
TOLERANCING PRINCIPLE ISO8015		Chkd	26.04.2021 jpi101 Pickup		Design Group	9725		
GENERAL TOLERANCES ACCORDING TO ISO2768-mK		Appd	26.04.2021 mhu019 Hug		Drawing ID	DAAD142362		
					Page	1/1		
					Material ID			
					Rev.	-		

Approved
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X52-S2.0
X52DF-S1.0



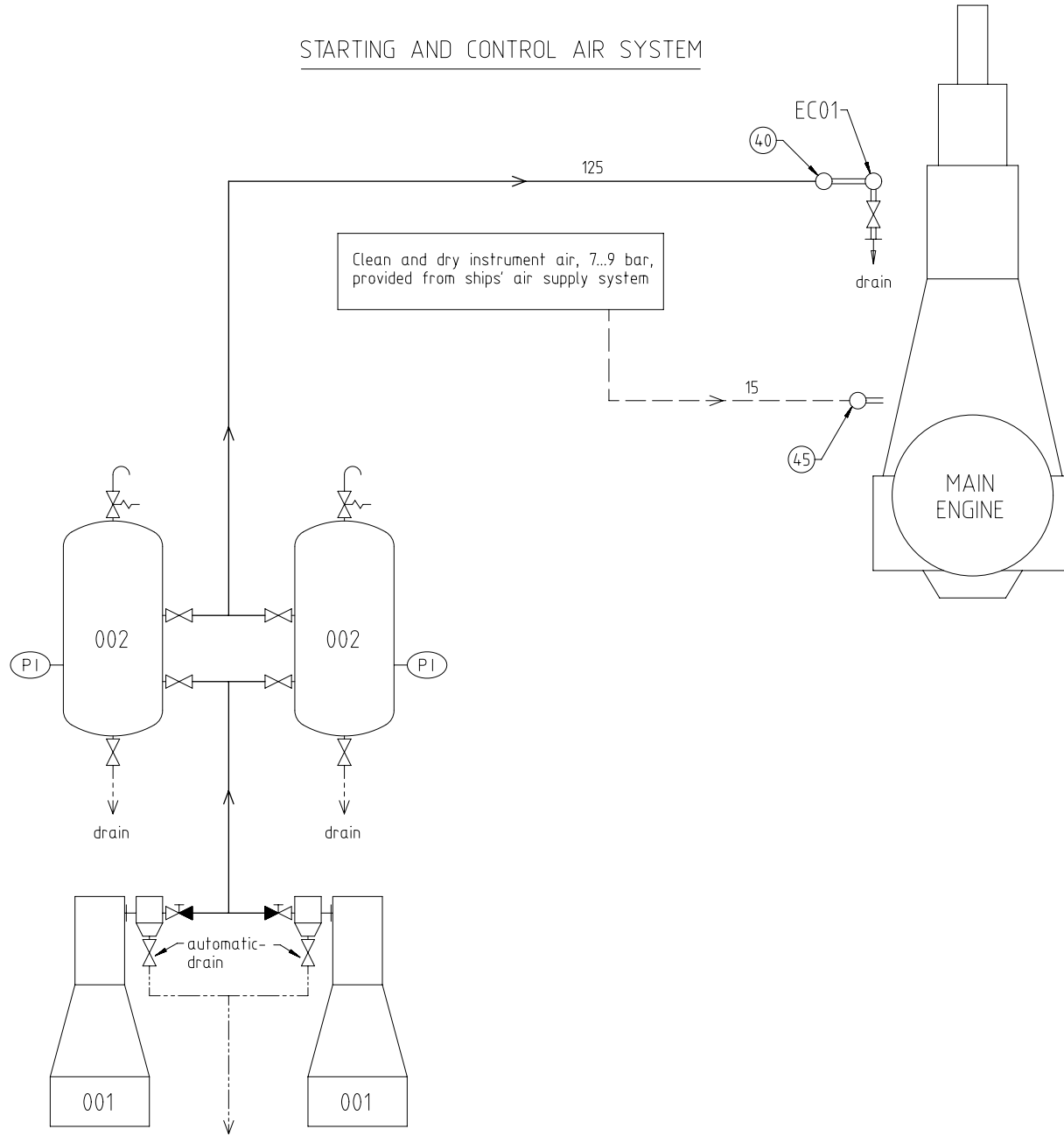
SPECIFICATION which must be met:

(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)

Free space for lic.								Q-Code XXXXXX	Main Drw.				
								Standard ISO; JIS					
Modif.	○		○		○		○						
	Number	Drawn date	Number	Drawn date	Number	Drawn date	Number	Drawn date					
 WIN GD Winterthur Gas & Diesel		Product 5-8X52-S2.0 5-8X52DF-S1.0		AIR SUPPLY SYSTEM Luftversorgungssystem									
		Units	mm kg	NX	Basic Material			Net Weight 0,001					
SURFACE PROTECTION SEE GROUP 0344		Made	07.04.2021 dki021 DH.Kim		Scale	-	Size	A3	Page	1/2	Material ID	PAAD379236	
TOLERANCING PRINCIPLE ISO8015		Chkd	26.04.2021 jpi101 Pickup		Design Group		9725		Drawing ID		DAAD142347	Rev.	-
GENERAL TOLERANCES ACCORDING TO ISO2768-mK		Appd	26.04.2021 mhu019 Hug										

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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

Free space for ill.	Q-Code XXXXX						Main Drw.	
	Standard ISO; JIS							
Modif.	Number	Drawn date	Number	Drawn date	Number	Drawn date	Number	Drawn date
		Product 5-8X52-S2.0 5-8X52DF-S1.0		AIR SUPPLY SYSTEM Luftversorgungssystem		Net Weight 0,001		
SURFACE PROTECTION SEE GROUP 034.4		Made 07.04.2021 dki021 DH.Kim		Scale -		Size A2 Page 2/2		
TOLERANCING PRINCIPLE ISO8015		Chkd 26.04.2021 jpr101 Pickup		Design Group 9725		Material ID PAAD379236		
GENERAL TOLERANCES ACCORDING TO ISO2768-mK		Appd 26.04.2021 mhu019 Hug		Drawing ID DAAD142347		Rev. -		

MIDS - WinGD X52DF-S1.0 – Air Supply System (DG9725)

TRACK CHANGES

DATE	SUBJECT	DESCRIPTION
2021-05-10	DRAWING SET	First web upload

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