

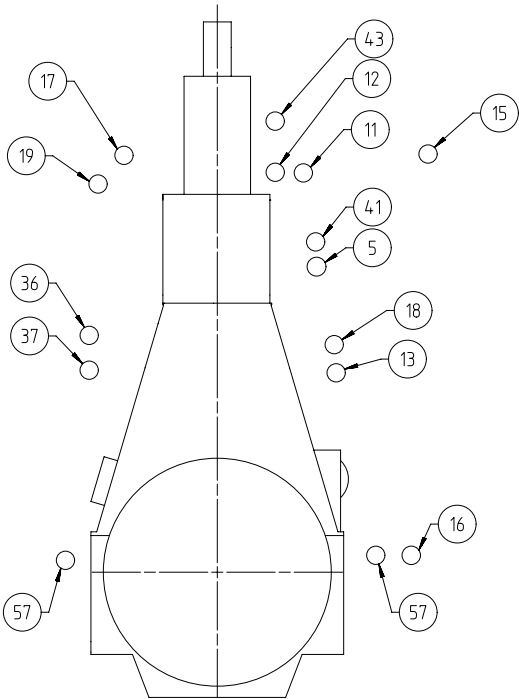
	1	2	3	4																														
A	<div>Available executions</div> <table><tr><th>Execution No.</th><th>Material ID</th></tr><tr><td>001</td><td>PTAA073711</td></tr></table>				Execution No.	Material ID	001	PTAA073711	A																									
Execution No.	Material ID																																	
001	PTAA073711																																	
B					B																													
C					C																													
D	<div>NOTE</div> <p>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.</p> <p>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.</p>				D																													
E	<table><tr><td>Prod.</td><td colspan="2">X52DF-S2.0</td><td></td><td></td></tr><tr><td rowspan="5">Change History</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td>-</td><td>sna102</td><td></td><td>new Design</td></tr><tr><td>Rev.</td><td>Creator</td><td>Approver</td><td>Approval Date</td></tr></table>	Prod.	X52DF-S2.0				Change History													-	sna102		new Design	Rev.	Creator	Approver	Approval Date	<table><tr><td>Change ID</td><td>Change Synopsis</td><td>Activity Code</td><td>E</td><td>C</td></tr></table>	Change ID	Change Synopsis	Activity Code	E	C	E
Prod.	X52DF-S2.0																																	
Change History																																		
	-	sna102		new Design																														
	Rev.	Creator	Approver	Approval Date																														
Change ID	Change Synopsis	Activity Code	E	C																														
F	<div><div>Winterthur Gas &amp; Diesel</div></div> <div>separate BOM available</div> <table><tr><td>Scale</td><td>-</td><td></td><td>NX</td></tr><tr><td colspan="4">Copyright Winterthur Gas &amp; 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 &amp; Diesel Ltd.</td></tr></table>	Scale	-		NX	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.				<div>LEAKAGE COLLECTION/WASHING SYS.</div> <div>MIDS master drawing</div> <div>Dimension</div> <table><tr><td>Units [mm] [kg]</td><td>Basic Material</td><td>Net Weight</td><td>0.001</td></tr><tr><td>Main Design</td><td>Design Group</td><td>Q-Code</td><td>X X M</td></tr><tr><td>Qty per</td><td>A4</td><td>Item ID</td><td>PTAA023263</td></tr><tr><td></td><td></td><td>Standard</td><td>WDS</td></tr><tr><td></td><td></td><td>Drawing Page/s</td><td>1/1</td></tr></table>	Units [mm] [kg]	Basic Material	Net Weight	0.001	Main Design	Design Group	Q-Code	X X M	Qty per	A4	Item ID	PTAA023263			Standard	WDS			Drawing Page/s	1/1	F			
Scale	-		NX																															
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.																																		
Units [mm] [kg]	Basic Material	Net Weight	0.001																															
Main Design	Design Group	Q-Code	X X M																															
Qty per	A4	Item ID	PTAA023263																															
		Standard	WDS																															
		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	PTAA073706	LEAKAGE COLLECTION/WASHING SYS.		iCER on-engine				0.001			
Prod.	5,6,7,8 X52DF-S2.0											
Change History												
	-	npa101	mhu019	16.02.2024	CNAA004270	New MainDesign introduced			-			
	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.								
				iCER on-engine								
Bill Of Material				Dimension iCER on-engine								
Copyright Winterthur Gas & Diesel Ltd. All rights reserved. By taking possession of the document the recipient recognizes and honours these rights. Neither the whole nor any part of this document 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.				Units	[m] [kg]	Basic Material		Net Weight	0.001			
				Main Design	Yes	Design Group		9724	Q-Code	X X M	Standard	WDS
				Qty per	Engine	A4	Item ID	PTAA073711		BOM Page/s	01/01	

SEQ NO	QTY	Item ID	Item Name	Dimension	Standard-ID	Basic Material	Net Weight
001	1	107.425.369.500	SLUDGE OIL TRAP				0.001
Prod.	X52DF-S2.0						
Change History							
	-	npa101	mhu019	16.02.2024	CNAA004270	new Design	-
	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. iCER on-engine				
Bill Of Material			Dimension iCER on-engine				
Copyright Winterthur Gas & Diesel Ltd. All rights reserved. By taking possession of the document the recipient recognizes and honours these rights. Neither the whole nor any part of this document 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.			Units [m] [kg]		Basic Material		Net Weight 0.001
			Main Design		Design Group 9724 Q-Code X X M		Standard WDS
			Qty per		A4	Item ID PTAA073706	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: 2.5 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	
B	41	OUTLET - Venting crankcase - Venting to funnel - Must not be connected to other venting pipes	12	INLET - Air for turbocharger cleaning - Working air, supply pressure: 7-9 bar	B
	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	

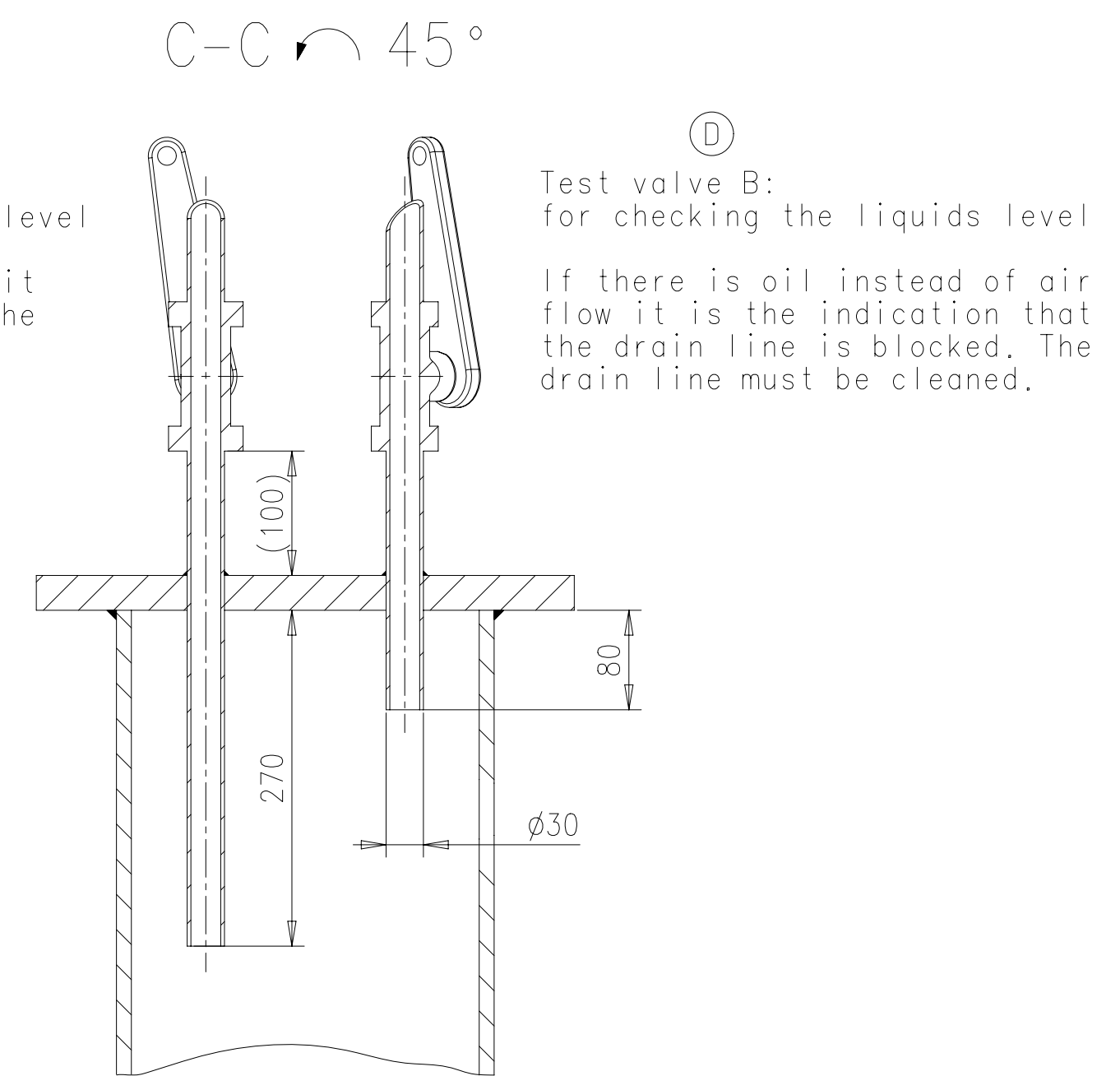
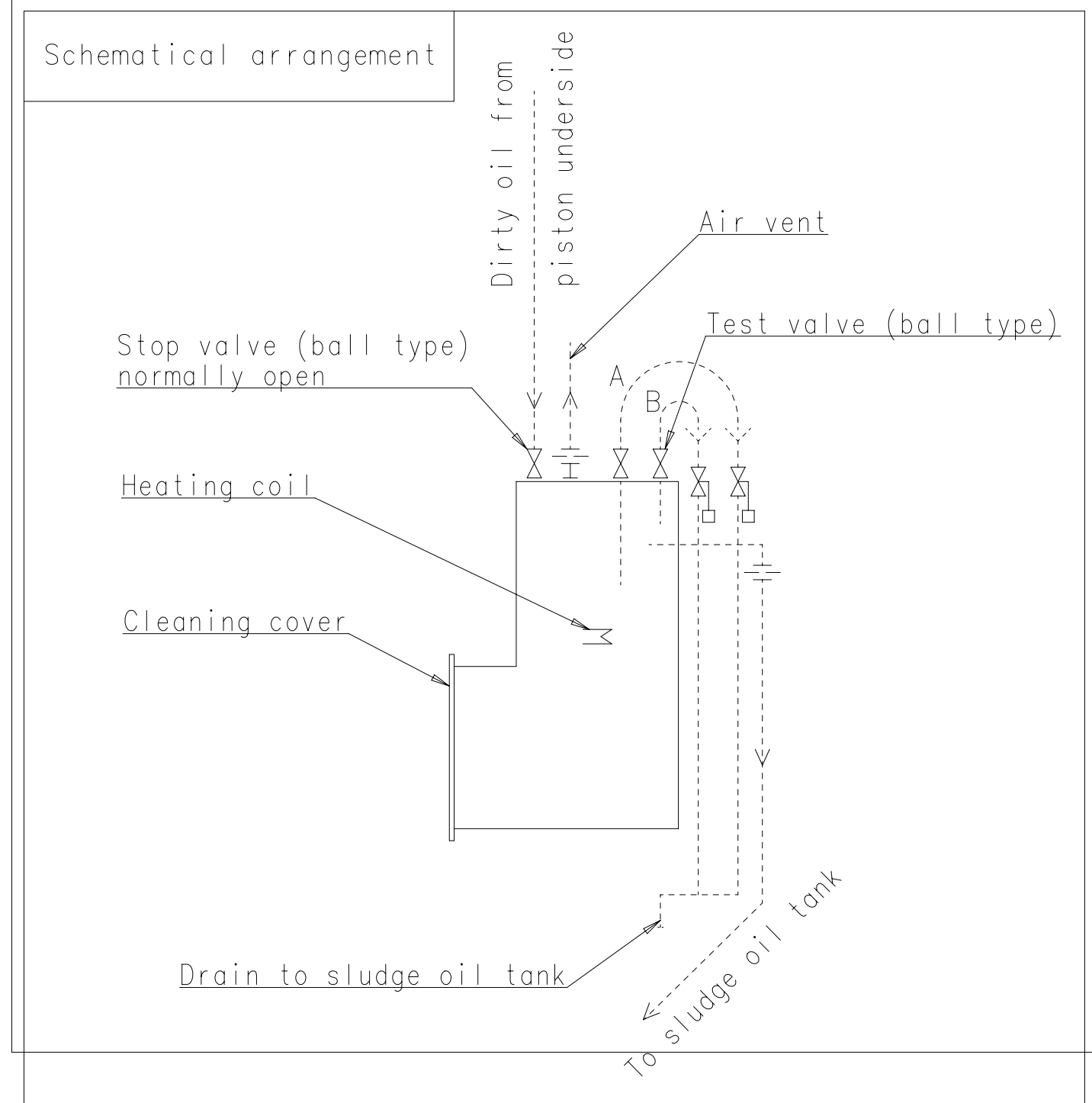
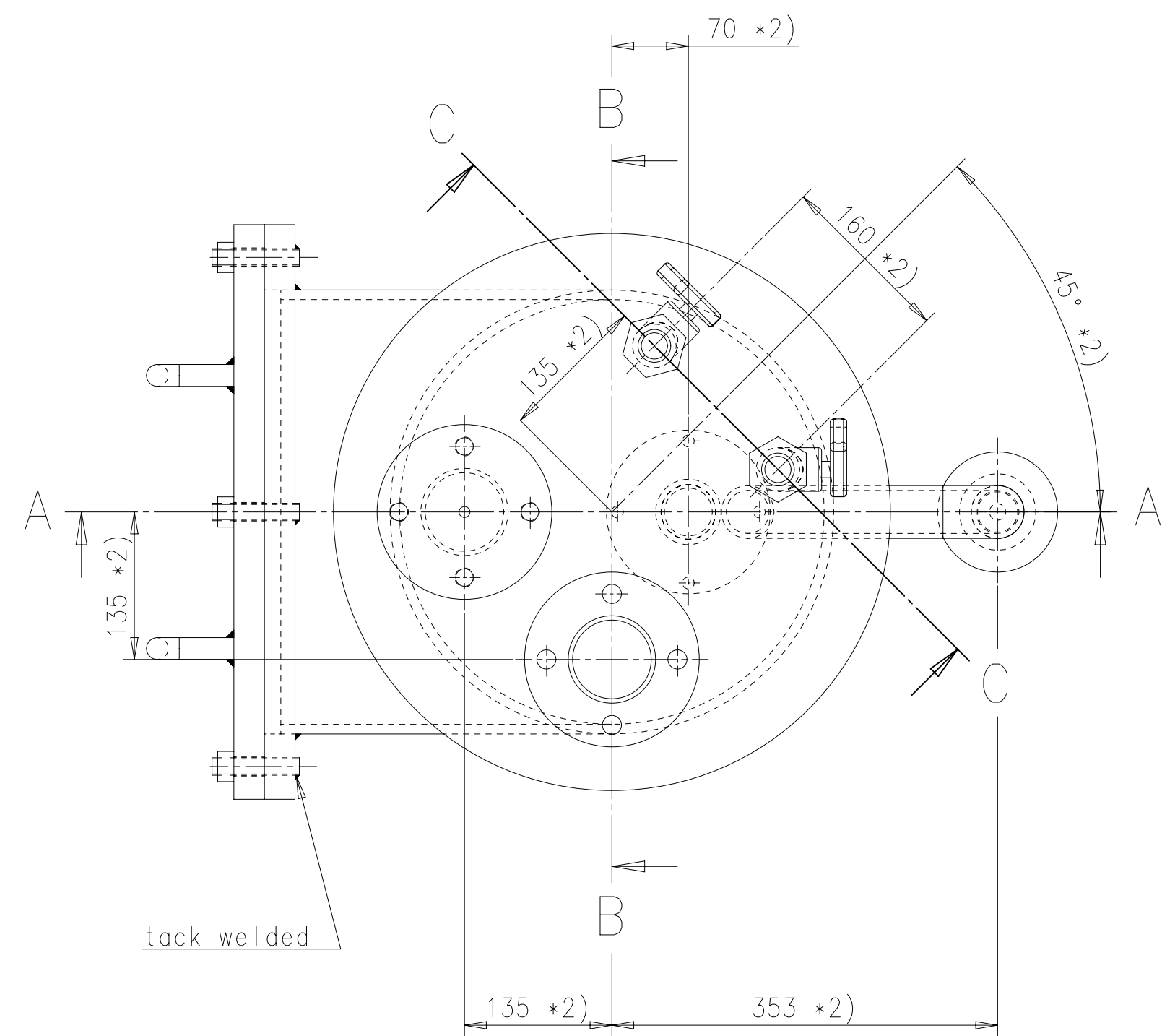
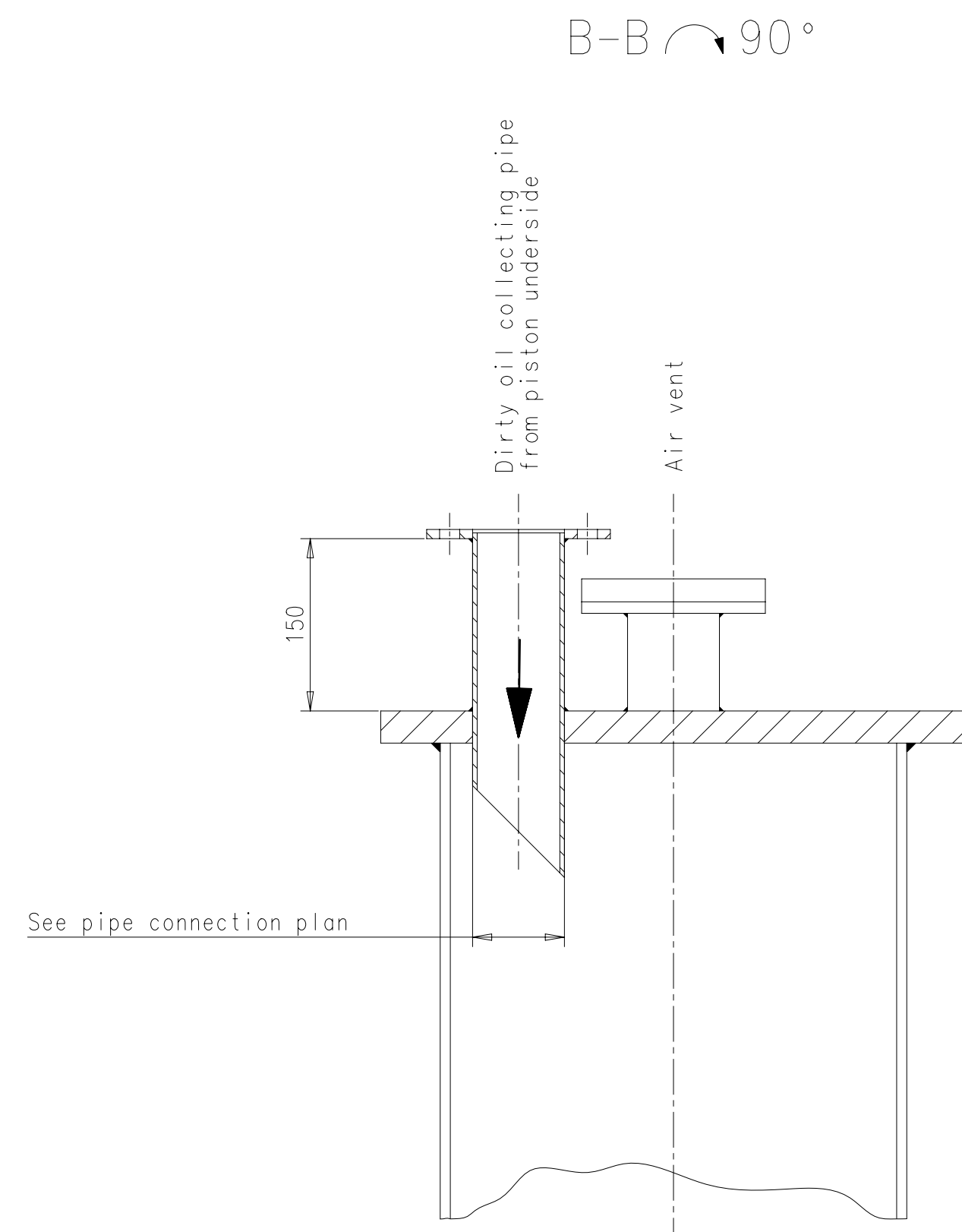
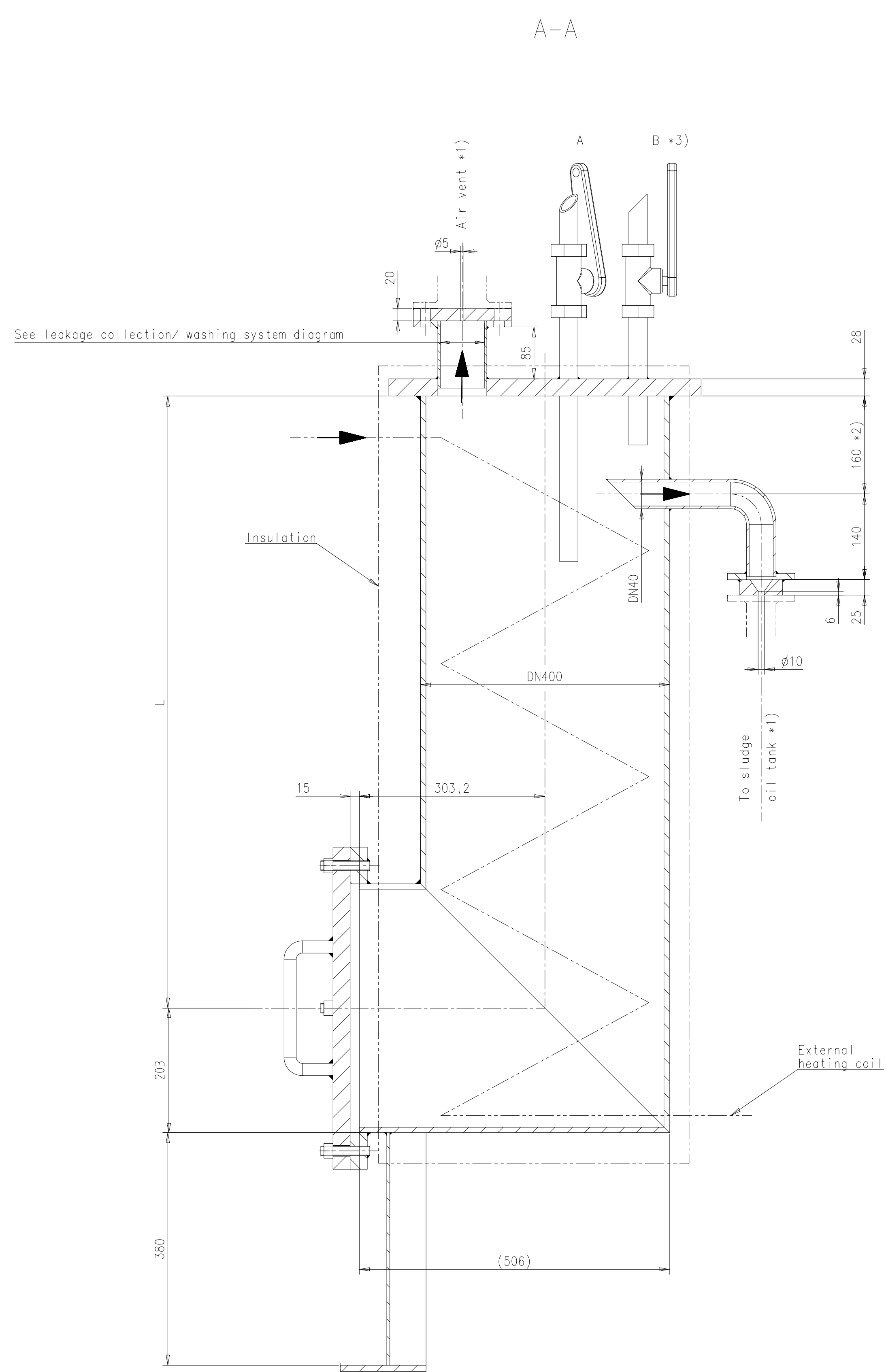



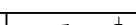
15	INLET - SAC wetting water - Wetting water supply: From clean water holding tank or SAC wetting buffer tank - Wetting water supply pressure: max. 10 bar - Wetting water circulation rate: 500-1000 l/h per SAC	D
16	OUTLET - SAC condensate water - Gravity flow to bilge water tank or wash water collection 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 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	E
18	OUTLET - SAC venting - Free flow outside of engine room	F
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	

Prod.									
Change History									
- Inpa101 mhu019 16.02.2024 CNA004270 new Design - -									
Rev. Creator Approver Approval Date Change ID Change Synopsis Approved Activity Code E C									
<b>WIN GD</b> Winterthur Gas & Diesel					LEAKAGE COLLECTION/WASHING SYS. iCER on-engine				
separate BOM available					Dimension iCER on-engine				
Scale -  NX					Units [mm] [kg] Basic Material Net Weight 0.001				
SURFACE PROTECTION SEE GROUP 0344					Main Design Design Group 9724 Q-Code X X M Standard WDS				
TOLERANCING PRINCIPLE ISO8015					Qty per A2 Item ID PTA073706 Drawing Page/s 1/2				
GENERAL TOLERANCES ACCORDING TO ISO2768-mK									

Copyright Winterthur Gas & Diesel Ltd. All rights reserved.  
By taking possession of the drawing the recipient recognizes and assumes 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.





Prod.	CX40DF RT-flex48T-D	RT-flex50-D RT-flex58T-D V1 RT-flex58T-D V2	RT-flex58T-E RT-flex68-D	RT-flex68-D_L RT-flex62C	RT-flex82ISCR-HMM-PILOT RTA68-D	X35 X35-B											
Change History	D	sde1019	19.01.2022	CNA001373	drawing updated	4	3										
	C	sde1019	10.09.2018	EAA0089439	Legacy information. See corresponding ChangeNotice	4	-										
	B	dko121	mhu019	16.07.2017	EAA0087849	Legacy information. See corresponding ChangeNotice	4	-									
	-	WinGD	jba029	13.11.2009			-	-									
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Approved	Activity Code	E	C							
 Winterthur Gas & Diesel				SLUDGE OIL TRAP													
Dimension				Units [mm] [kg]		Basic Material		Net Weight		0.001							
Scale 1:5				 NX		Main Design		Design Group		9724		Q-Code XXXXX		Standard		WDS	
Copyright Winterthur Gas & Diesel Ltd. All rights reserved. By taking possession of this drawing the user agrees to indemnify and hold harmless these rights. Neither the whole nor any part of this drawing may be used in any way for copying, reproduction, fabrication, marketing or any other purpose not copied in any way nor made acceptable to third parties without the previous written consent of Winterthur Gas & Diesel Ltd.				Qty per		A1		Item ID		107.425.369.500		Drawing Page/s		1/1			

SURFACE PROTECTION SEE GROUP 0344

TOLERANCING PRINCIPLE ISO8015

GENERAL TOLERANCES ACCORDING TO ISO2768-mL

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 covered in

any way nor made accessible to third parties without the previous written consent of Winterthur Gas & Diesel Ltd.

Main	Design
------	--------

Design	Group	
$\mu_1$	$\mu_2$	$\mu_3$

Qty per	A1	Item ID
------------	----	------------

Q726	Q-Code	XXXXXX
------	--------	--------

[illegible]

107.425.369.500

Standard	WDS
----------	-----

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	
--	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	--

Drawing  
Page/s 1/1



## Available executions

Execution No.	Material ID	Cylinder No.	Attribute 1: Turbocharger amount	
			1 TC	2 TC
001	PTAA023264	5-7	X	
002	PTAA028610	7-8		X

## 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.	X52DF-S2.0												
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	
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		Design Group		9724	Q-Code	XXXXX	Standard	WDS
					Qty per	A4	Item ID	PTAA023263		Drawing Page/s	1/1		



SEQ NO	QTY	Item ID	Item Name	Dimension	Standard-ID	Basic Material	Net Weight
1	1	PTAA023214	LEAKAGE COLLECTION/WASHING SYS.				0.001

<div> <div>NOT VALID FOR NEW PROJECTS!</div> <div>Provided only as reference for projects contracted before April 2022</div> </div>							
-------------------------------------------------------------------------------------------------------------------------------------	--	--	--	--	--	--	--

Prod.	5,6,7 X52DF-S2.0						
Change History							
	-	sna102	mhu019	16.03.2022	CNAA001365	Main Design/Drawing Introduced	-
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Activity Code
							E C

<div> <div>WIN GD</div> <div>Winterthur Gas &amp; Diesel</div> </div>	LEAKAGE COLLECTION/WASHING SYS.
-----------------------------------------------------------------------	---------------------------------

Bill Of Material		Dimension							
Copyright <b>Winterthur Gas &amp; Diesel Ltd.</b> All rights reserved. By taking possession of the document the recipient recognizes and honours these rights. Neither the whole nor any part of this document 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 <b>Winterthur Gas &amp; Diesel Ltd.</b>	Units	[m] [kg]	Basic Material			Net Weight	0.001		
	Main Design	Yes	Design Group		9724	Q-Code	XXXXX	Standard	WDS
	Qty per	Engine	A4	Item ID	PTAA023264		BOM Page/s	01/01	

SEQ NO	QTY	Item ID	Item Name	Dimension	Standard-ID	Basic Material	Net Weight
001	1	107.425.369.500	SLUDGE OIL TRAP				0.001

<div> <div>NOT VALID FOR NEW PROJECTS!</div> <div>Provided only as reference for projects contracted before April 2022</div> </div>							
-------------------------------------------------------------------------------------------------------------------------------------	--	--	--	--	--	--	--

Prod.	X52DF-S2.0								
Change History									
	-	sna102	mhu019	16.03.2022	CNAA001365	new Design		-	-
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Approved	Activity Code	E C

<div> <div>WIN GD</div> <div>Winterthur Gas &amp; Diesel</div> </div>	LEAKAGE COLLECTION/WASHING SYS.
-----------------------------------------------------------------------	---------------------------------

Bill Of Material		Dimension					
Copyright Winterthur Gas & Diesel Ltd. All rights reserved. By taking possession of the document the recipient recognizes and honours these rights. Neither the whole nor any part of this document 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.	Units		[m] [kg]	Basic Material			Net Weight
	Main Design			Design Group		9724	Q-Code XXXXX
	Qty per		A4	Item ID		PTAA023214	BOM Page/s
							01/01
				Standard		WDS	



**A NOTE**  
Further installation details and variants can be found listed in the Marine Installation Manual (MIM), which provides also the acronyms used in this drawing set. The piping symbols are explained by the piping symbol key as included in the drawing set "Various Installation Items".



Pos.	SYSTEM COMPONENTS *1)
001	Sludge oil trap (link to detail drawing on the partlist of this drawing).
002	Throttling disc (size shown on separate sludge oil trap drawing)
003	Sludge or appropriate tank
004	Air vent manifold
005	Transition piece (adaptor) *9)
006	Gas detector *11)
007	pH-neutralisation dosing unit with *15) 007a - NaOH dosing pump 007b - pH sensor
008	NaOH storage tank *14) *15)

Pos.	ENGINE COMPONENTS *3)
EC01	Scavenge air cooler washing plant
EC02	Dry cleaning device
EC03	Throttling disc
EC04	Venting Unit
EC05	Condensate drain unit

--- Compressed air pipes  
 ..... Air vent pipes  
 ----- Drain & overflow pipes  
 ————— Dirty oil drain pipes  
 -.-.-.- Washing water pipes  
 ===== Pipes on engine  
 ○ Pipe connections

SEQ NO	QTY	Item ID	Item Name	Dimension	Standard-ID	Basic Material	Net Weight
1	1	PTAA028608	LEAKAGE COLLECTION/WASHING SYS.				0.001

<div> <div>NOT VALID FOR NEW PROJECTS!</div> <div>Provided only as reference for projects contracted before April 2022</div> </div>							
-------------------------------------------------------------------------------------------------------------------------------------	--	--	--	--	--	--	--

Prod.	7,8 X52DF-S2.0													
Change History														
	-	sde101	mhu019	16.03.2022	CNAA001365	Main Design/Drawing Introduced				-	-			
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis			Activity Code	E	C			
<div>WIN GD</div> <div>Winterthur Gas &amp; Diesel</div>					LEAKAGE COLLECTION/WASHING SYS.									
Bill Of Material					Dimension									
Copyright Winterthur Gas & Diesel Ltd. All rights reserved. By taking possession of the document the recipient recognizes and honours these rights. Neither the whole nor any part of this document 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.					Units		[m] [kg]	Basic Material		Net Weight		0.001		
					Main Design		Yes	Design Group		9724	Q-Code	XXXXX	Standard	WDS
					Qty per		Engine	A4	Item ID		PTAA028610		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

<div> <div>NOT VALID FOR NEW PROJECTS!</div> <div>Provided only as reference for projects contracted before April 2022</div> </div>							
-------------------------------------------------------------------------------------------------------------------------------------	--	--	--	--	--	--	--

Prod.	X52DF-S2.0								
Change History									
	-	sde101	mhu019	16.03.2022	CNAA001365	new Design		-	-
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis	Approved	Activity Code	E C

<div> <div>WIN GD</div> <div>Winterthur Gas &amp; Diesel</div> </div>	LEAKAGE COLLECTION/WASHING SYS.
-----------------------------------------------------------------------	---------------------------------

Bill Of Material		Dimension					
Copyright Winterthur Gas & Diesel Ltd. All rights reserved. By taking possession of the document the recipient recognizes and honours these rights. Neither the whole nor any part of this document 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.	Units		[m] [kg]	Basic Material			Net Weight
	Main Design			Design Group		9724	Q-Code XXXXX
	Qty per			A4	Item ID		PTAA028608
					BOM Page/s		01/01

SPECIFICATION which must be met:

- 43

OUTLET - Venting turbocharger  
- Venting to funnel  
- Minimum inclination according to TC suppliers specification  
- Must not be connected to other venting pipes.
- 57

OUTLET - Various leakages  
- Gravity flow to sludge tank or appropriate tank.

- 5

OUTLET - Cylinder cooling water drain.  
- Gravity flow to cooling water drain tank or appropriate tank.
- 11

INLET - Washing water SAC  
- From freshwater hydrophore system
- 12

INLET - Air for cleaning plants TC and SAC  
- Working air, supply pressure: 7-9 bar
- 13

OUTLET - Oily water from scavenge air receiver  
- Gravity flow to oily water tank or appropriate tank.
- 16

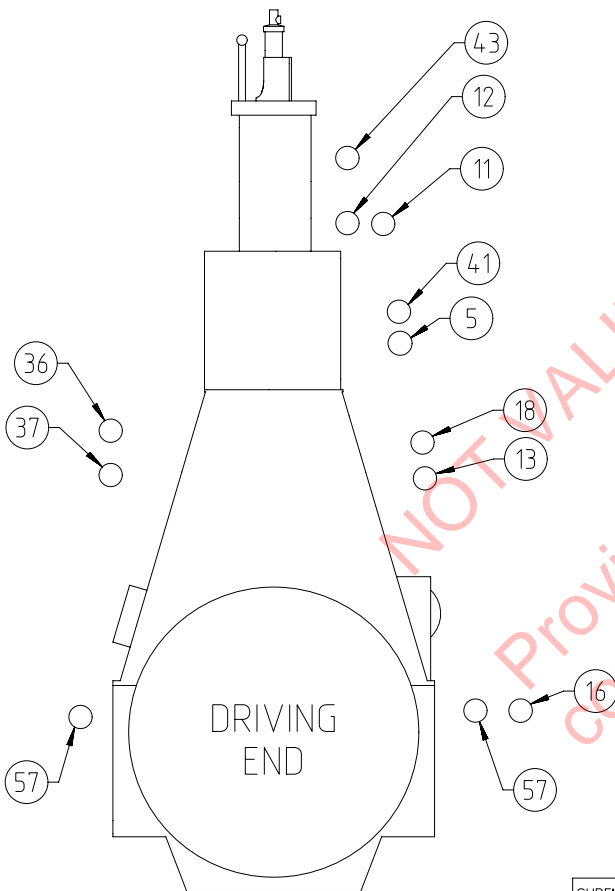
OUTLET - SAC condensate water  
- Gravity flow to bilge water tank or washing water collection tank or to the EGC bleed-off line depending on the operation mode.  
- The system components downstream of this connection until the pH-neutralisation dosing unit must be designed for low pH operation.
- 18

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°
- 37

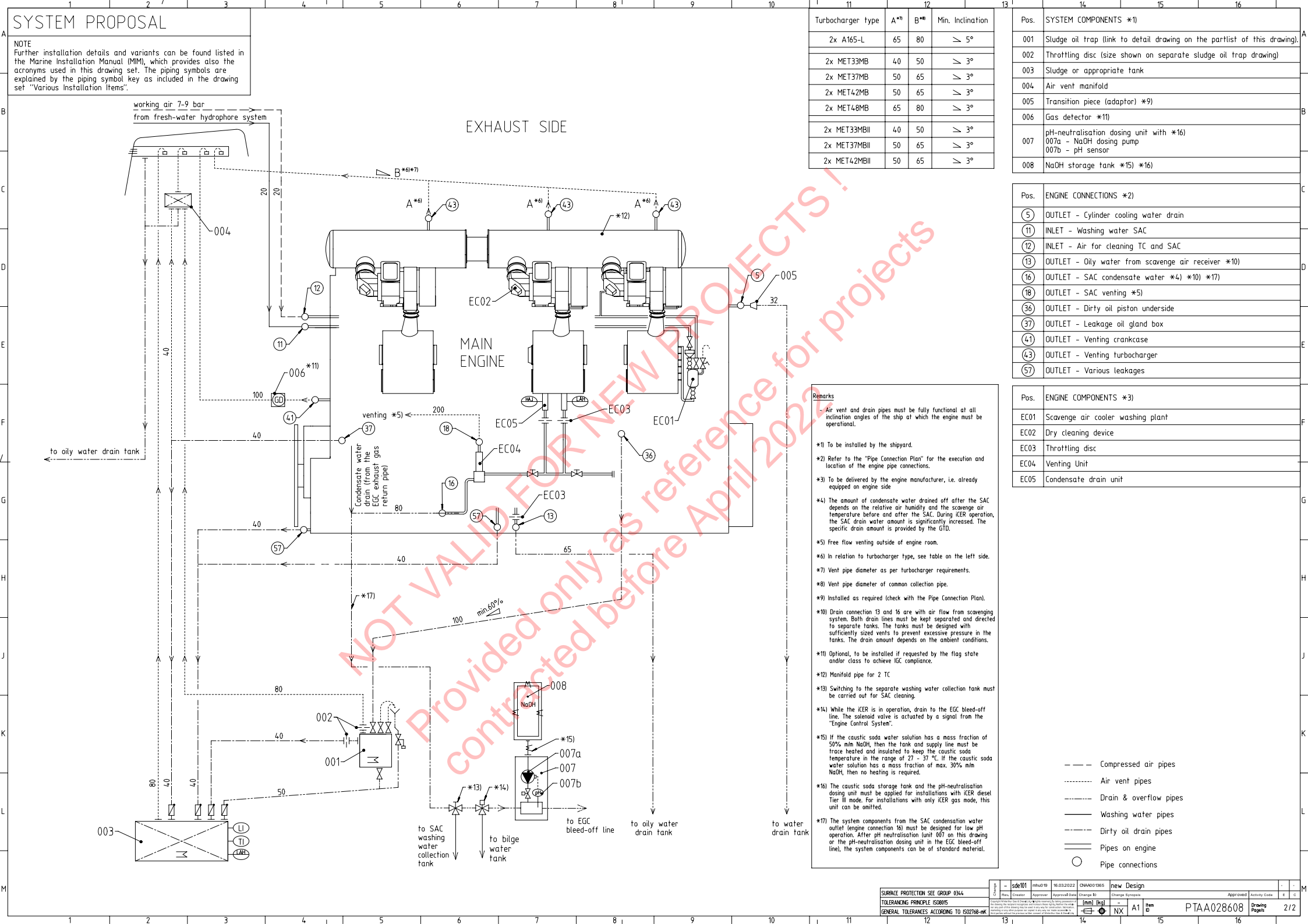
OUTLET - Leakage oil gland box  
- Gravity flow to sludge tank or appropriate tank.
- 41

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.	X52DF-S2.0									
Change History										
	-	sde101	mhu019	16.03.2022	CNA001365	new Design				-
	Rev.	Creator	Approver	Approval Date	Change ID	Change Synopsis				Approved
<div><div><div>WINGD</div><div>Winterthur Gas &amp; Diesel</div></div></div>						LEAKAGE COLLECTION/WASHING SYS.				
separate BOM available						Dimension				
Scale		-		NX	Units [mm] [kg]		Basic Material			Net Weight 0.001
Main Design						Design Group		9724	Q-Code XXXXX	Standard WDS
Qty per						A3	Item ID		PTAA028608	
									Drawing Page/s	1/2





## MIDS – Leakage Collection & Washing System (DG9724)

WinGD X52DF-S2.0

### TRACK CHANGES

DATE	SUBJECT	DESCRIPTION
2022-03-14	DRAWING SET	First web upload
2022-06-30	PTAA037452 PTAA037082	System and main drgs – new drgs as a replacement for the previous drawing set added
2022-12-02	PTAA037082	System drg – new revision
2023-12-20	PTAA037082	System drg – new revision
2024-04-22	PTAA073706- PTAA073711-	New drawings

### DISCLAIMER

© Copyright by Winterthur Gas & Diesel Ltd.

All rights reserved. No part of this document may be reproduced or copied in any form or by any means (electronic, mechanical, graphic, photocopying, recording, taping or other information retrieval systems) without the prior written permission of the copyright owner.

THIS PUBLICATION IS DESIGNED TO PROVIDE AN ACCURATE AND AUTHORITATIVE INFORMATION WITH REGARD TO THE SUBJECT-MATTER COVERED AS 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 CAN NOT ACCEPT ANY RESPONSIBILITY OR LIABILITY FOR ANY EVENTUAL ERRORS OR OMISSIONS IN THIS BOOKLET 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.