






Benennung / designation			Bezeichnung 2/ designation 2		Dokument Nr. AM/doc no. AM		Auftrags-Nr./ job no		Typ/ typ		 AERZEN	
Stückliste / Part list			Installation 1.stage Unit 3		4000897966		158540		GQa22.23xz			
	name	date	zugehörige Dokum./ related documents		Dokum. Nr. Kunde / document no. CU		Dokum.- Nr. alt/ Docum. no. Old		Rev.		Projekt/ project	
prepared	Schulz	05.03.19	4000861538,4000861544,4000868900,4000868338,4000816552 4000808078,4000808006				-		00		-	
released	Colusso	05.03.19										
Pos. Nr./ item no.	tech.Specif./ tec.spec.	Stckz./ qty. Einh./ unit	Benennung/ designation		Variable Benennung/ additional designation		Abmessung/ dimension		Norm, Dwg/ norm, dwg		Mat.-Nr., Spezif./ mat.-no., spec.	
1000			main components									
1010		1	blower				GQa 22.23 xz					
1100			main components arrangement									
1105		1	motor									
1110		1	gear box				ASR 413 -R-CCW					
1120		1	coupling (blower/gear box)				BOKU-N A 10.000				St	
1125		1	coupling (gear box/motor)				GMK 3400-6-DE-AA-300				St	
1150		1	coupling guard(blower/gear box)						4000808018		St,zincd	
1160		1	support for coupling guard						4000808019		St	
1170		1	coupling guard (gear box/motor)						4000808020		St,zincd	
1180		1	support for coupling guard						4000808021		St	
1185		20	hexagon screw		4 spare parts		M8x30				8.8 A2F	
1186		20	hexagon nut		4 spare parts		M8				8-A2F	
1187		20	wascher		4 spare parts		8		din-en-iso7090		St,zincd	
1250		1	electrical assecories kit		provided with blower		3RN1010-1CW00					
1251		2	vibration monitoring		provided with blower		PCH 1275/ATEX, Eex					
1252		2	adapter for vibration monitoring		provided with blower		M12/M16				St	
1500			instrumentation process		see attached P&I				4000346805		ELOG	
1510		1	emergency switch off feeler								GFK	
1511		1	2/2-way magnetic valve				3/4" NPT					

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1512			heating control		for all heaters in project				2000051519	
1900			fastening		in loose condition					
1910		66	straddling dowel		oil units, Coupling gards, pipe supports instrument rack	M12x115, T fix=10mm		1.4541		2000043631
2000			Forward oil blower		Loose delivered					
2001		1	Lateral expansion joints			RN0050/16/L010/F/ F-139				
2010			Fastening		Loose delivered					
2011		2	Flat gasket			DN50 PN16 / Form IBC	din-en1514-1	IFG 5500		
2012		8	Hexagon screw			M16 x 65	din-en-iso4014	A2-70		
2013		8	Hexagon nut			M16	din-en-iso4032	A2-70		
2050			oil leakage mechanical seal							
2055		1	rubber expansion joints type A-1		loose delivered	DN40,PN16		1.4541/NBR		
2056		1	flat gasket			DN40 PN40	din-en1514-1	IFG 5500		
2057		4	hexagon screw			M16 x 65	din-en-iso4014	A2-70		
2058		4	hexagon nut			M16	din-en-iso4032	A2-70		
2100			piping forward oil blower							
2350			piping oil leakage mechanical seal							
2515			water injection		loose delivered					
2516		1	rubber expansion joints type A-1			DN40/PN16		1.4541/NBR		
2520			fastening		loose delivered					


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2521		4	hexagon screw			M16 x 65	din-en-iso4014	A2-70			
2522		4	hexagon nut			M16	din-en-iso4032	A2-70			
2523		1	flat gasket			DN40/PN40	din-en1514-1	IFG 5500			
2540		1	assembly device		loose delivered						
2600			piping forward water labyrinth								
2700			piping water injection								
2800			piping forward water labyrinth with filter								
2802		1	rubber expansion joints type A-1		loose delivered	DN20/PN40		1.4541/NBR			
2808		2	flat gasket			DN20/PN40	din-en1514-1	IFG 5500			
2809		8	hexagon screw		for pos.2806+2802	M12 x 50	din-en-iso4014	A2-70			
2810		8	hexagon nut			M12	din-en-iso4032	A2-70			
			return oil blower		loose delivered						
3501		1	flow indicator			DN150/PN10		EN-GJL			
3502		1	expansion joint			DN100/PN16		HKS			
3503		1	expansion joint			DN100/PN16		HKS			
3510			fastening		loose delivered						
3511		3	flat gasket		1 spare part	DN150/PN16	din-en1514-1	IFG 5500			
3512		8	flat gasket		1 spare part	DN100/PN16	din-en1514-2	IFG 5500			
3513		16	hexagon screw			M16x40	din-en -iso4017	5.6-A2F			
3514		40	hexagon screw			M16x65	din-en -iso4015	5.6-A2F			
3515		40	hexagon nut			M16	din-en -iso4032	5-2 A2F			


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3516		8	hexagon screw			M20x50		din-en -iso4017	5.6-A2F		
3517		8	hexagon screw			M20x70		din-en -iso4014	5.6-A2F		
3518		8	hexagon nut			M20		din-en -iso4032	5-2 A2F		
3519		3	support for pipe connection			DN100			St		
3530			return oil blower piping		loose delivered						
3531		1	pipe connection			DN150/DN100/PN16					
3550		1	pipe connection			DN100/PN16					
3560		1	pipe connection			DN100/PN16					
3570		1	pipe connection			DN100/PN16					
3600			forward oil gear box piping		loose delivered and adjusted at mounting						
3601		1	pipe connection								
3650			return oil gear box piping		loose delivered and adjusted at mounting						
3651		1	pipe connection								
3700											
3700			water return conveying chamber		loose delivered						
3701		1	flex bellow			DN125/PN16			stainless steel		
3702		1	flex bellow			DN50/PN40			stainless steel		
3705			fastening		loose delivered						
3706		4	flat gasket		1 spare part	DN125/PN40		din-en1514-2	IFG 5500		
3707		8	hexagon screw			M16x40		din-en-iso4017	5.6-A2F		

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	Colusso	05.03.19	4000808078,4000808006				4000894292					
Pos. Nr./ item no.	tech.Specif./ tec.spec.	Stckz./ qty. Einh./ unit	Benennung/ designation		Variable Benennung/ additional designation		Abmessung/ dimension		Norm, Dwg/ norm, dwg		Mat.-Nr., Spezif./ mat.-no., spec.	
3708		16	hexagon screw				M16x70		din-en-iso4015		5.6-A2F	
3709		16	hexagon nut				M16		din-en-iso4032		5-2 A2F	
3710		3	flat gasket		1 spare part		DN50/PN40		din-en1514-1		IFG 5500	
3711		4	hexagon screw				M16x35		din-en-iso4017		5.6-A2F	
3712		4	hexagon screw				M16x55		din-en-iso4014		5.6-A2F	
3713		4	hexagon nut				M16				5-2 A2F	
3715		1	support for pipe connection				DN125		2SG-4191		St	
3730			water return conveying chamber		loose delivered							
3731		1	pipe connection piece				DN125					
3740		1	pipe connection piece				DN125 / 5"					
3742		2	welding neck flange				ANSI 5", 150lbs		ANSI B16.5		1.4301	
3743		2	welding neck flange				ANSI 1", 150lbs		ANSI B16.5		1.4301	
3748		2	spiral wound gasket		1 spare part		5"		ASME B 16.20		Graphite	
3749		8	stud bolt				3/4"-10UNC x 5"		ANSI B 16.5		1.4571	
3750		16	hexagon nut				3/4"-10UNC		ANSI B 18.2.2		1.4571	
3751		2	spiral wound gasket		1 spare part		1"		ASME B 16.20		Graphite	
3752		4	stud bolt				1/2"-13UNC x 2,75"				1.4571	
3753		8	hexagon nut				1/2"-13UNC		ANSI B 18.2.2		1.4571	
3800			water return side plates		loose delivered							
3801		2	flex bellow				DN80/PN16				stainless steel	
3810			fastening		loose delivered							
3811		7	flat gasket		1 spare part		DN80/PN40		din-en1514-1		IFG 5500	

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3812		16	hexagon screw			M16x40	din-en-iso4013	5.6-A2F				
3813		32	hexagon screw			M16x65	din-en-iso4014	5.6-A2F				
3814		32	hexagon nut			M16	din-en-iso4032	5-2 A2F				
3816		3	support for pipe connection			DN80	2SG-4191	St				
3830			water return side plates		loose delivered							
3831		1	pipe connection piece			DN80/PN16						
3840		1	pipe connection piece			DN80/PN16						
3850		1	pipe connection piece			DN80/PN16						
3852		2	welding neck flange			ANSI 3", 150lbs	ANSI B16.5	1.4301				
3853		2	spiral wound gasket		1 spare part	3"	ASME B 16.20	Graphite				
3854		4	stud bolt			5/8"-11UNC x 3 3/4"	ANSI B 16.5	5.6-A2F				
3855		8	hexagon nut			5/8"-11UNC	ANSI B 18.2.2	5-2 A2F				
6700												
6700			mounting on foundation									
6701		30	jack screw		2 spare parts	KS 4040 C		St		164754000		
6702		2	anchor bar blower				4000808022			Customer		
6703		2	foot plate blower				4000808023			2000051490		
6704			floating bearing									
6705		3	tee-head bolt with square neck		1 spare part	M42x280	din7992	5.6-A2F		180002000		
6706		3	hexagon nut		1 spare part	M42	din-en-iso4032	5-A2F		179992000		
6707		3	disk		1 spare part	42	din-en-iso7090	St,zincd		121926000		
6708			fixed bearing									

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6709		3	tee-head bolt with square neck		1 spare part	M42x260	din7992	5.6-A2F	180003000	
6710		3	hexagon nut		1 spare part	M42	din-en-iso4032	5-A2F	179992000	
6711		3	disk		1 spare part	42	din-en-iso7090	St,zincd	121926000	
6712		2	bushing for footscrew		blower foot	54x44x115lg.	4sg-6757	1.4541	164760000	
6713		6	disk spring			90x46x5 Lo=7mm		St	164714000	
6714		40	shim			0.25x200x365		S235JR	140495000	
6715		20	shim			1,0x200x365		S235JR	140496000	
6716		10	shim			2,0x200x365		S235JR	140497000	
6717		2	set of shims			(40parts)		St	878294000	
6718		10	tee-head bolt with square neck		2 spare parts	M42x1000		5.6-A2F	180001000	
6719		20	hexagon nut		4 spare parts	M42		5-A2F	179992000	
6720		20	disk		4 spare parts	42	din-en-iso7090	St,zincd	121926000	
6721		10	hexagon screw with full dog point		2 spare parts	AM20x120 mit Zapfen	din561	8.8-A2F	122593000	
6730			anchor bar and foot plate for gear box							
6731		1	anchor bar gear box				4000808024		Customer	
6732		1	foot plate gear box				4000808025		2000051490	
6733		7	tee-head bolt with square neck		1 spare part	M36x240	din7992	5.6-A2F	2000018821	
6734		7	hexagon nut		1 spare part	M36	din-en-iso4032	5-A2F	119140000	
6735		7	disk		1 spare part	36	din-en-iso7090	St,zincd	122945000	
6736		5	tee-head bolt with square neck		1 spare part	M42x1000	din7992	5.6-A2F	180001000	
6737		10	hexagon nut		2 spare parts	M42	din-en-iso4032	5-A2F	179992000	

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6738		10	disk		2 spare parts		42		din-en-iso7090	St,zincd		121926000
6739		40	shim				0,25x120x200, Nr.13			S235JR		183080000
6740		20	shim				1,0x120x200, Nr.14			S235JR		183081000
6741		10	shim				2,0x120x200, Nr.15			S235JR		183082000
6742		10	hexagon screw with full dog point		2 spare parts		AM20x120 mit Zapfen		din561	8.8-A2F		122593000
6750			anchor bar and foot plates for motor									
6751		1	anchor bar motor						4000808026			Customer
6752		1	foot plate motor						4000808027			2000051492
6753		5	tee-head bolt with square neck		1 spare part		M36x240		din7992	5.6-A2F		2000018821
6754		5	hexagon nut		1 spare part		M36		din-en-iso4032	5-A2F		119140000
6755		5	disk		1 spare part		36		din-en-iso7090	St,zincd		122945000
6756		5	tee-head bolt with square neck		1 spare part		M42x1000		din7992	5.6-A2F		180001000
6757		10	hexagon nut		2 spare parts		M42		din-en-iso4032	5-A2F		179992000
6758		10	disk		2 spare parts		42		din-en-iso7090	St,zincd		121926000
6759		40	shim				0,25x220x350		4sg-3761	S235JR		878373000
6760		20	shim				1,0x220x350		4sg-3761	S235JR		878374000
6761		10	shim				2,0x220x350		4sg-3761	S235JR		878375000
6762		10	hexagon screw with full dog point		2 spare parts		AM20x120 mit Zapfen		din561	8.8-A2F		122593000
6770			fixation silencer									
6771		1	Anchor bar silencer						4000816554			Customer
6772		5	Tee-head bolt with square neck		1 spare part		M56x1100		din7992	5.6-A2F		2000051130

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6773		5	Hexagon nut		1 spare part		M56				5-A2F	
6774		5	Disk		1 spare part		56				St,zincd	
7000												
7000			oil units									
7001		1	oil unit for blower									
7500		1	oil unit for gear box									
8000												
8000			component parts conveyor line									
8001		1	silencer				DN900				Customer	
8010		1	pipe connection piece		diffusor for silencer		DS/DN900				2000051497	
8015		1	starting strainer				DN900/PN10		4000388630		stainless steel	
8050		3	sliding sleeve				DN900, Rohr 914,4		Building type		steel, zincd	
8100			piping parts conveyor line									
8101		1	pipe connection piece				DN900x326				St	
8102		1	pipe connection piece				DN900x326				St	
8103		1	pipe connection piece				DN900x1427				St	
8104		1	pipe connection piece				DN900x580				St	
8105		1	pipe connection piece				DN900x326				St	
8106		1	pipe connection piece				DN900x326		4000808035		St	

