

DEVICES TECHNICAL DATA / COMPATIBILITY CERTIFICATE

Device No.	TK-205/1	Shell operating press., bar	31,5	Shell height/length, m	8,1	Tube op. press., bar	31,5
Equipment type	Heat Exchanger	Shell test pressure, bar	59	Shell diameter, m	1	Tube test press., bar	59
Department	GP1-LK1	Shell operating T, °C	170	Shell material	14CrMo4-4b	Tube operating T, °C	265
Unit	LK-1	Shell design pressure, bar	44	Shell heat treatment	False	Tube design press, bar	
Section	S-200	Shell allow pressure, bar	31,5	Shell cladding material		Tube design T, °C	0
Cost centre No.	1G3104	Shell design T, °C	0	Shell lining		Tube media	DPM
Exploitation start date	2003	Shell design min T, °C	0	Shell capacity, m³	3,2	Tube sets qty.	4
Manufacturer serial No.	56627	Shell media	DŽM	Weight empty, kg	108293	Tube lenght, m	6
Identification No.	SI-01-08977	Shell media phase		Weight hydro test, kg	128373	Tubes qty	971
				Tube set weight, kg	6293	Tube diameter, mm	20x2
				Tube set diameter, m	1	Heat ex. area, m²	1388
				Tube set capacity, m³		Tube material	W.7362 (12CrMo 19,5)

Manufacturer Ruminija
Location OL_NPG_GP-1_LK-1_S-200 RF

Notes: 2020 10 13 d., atlikta vamzdėlių pluošto kontrolė EC metodu. Ataskaita pridedama.

Flange name	Notification	Flange qty,	Blinded flange qty	Dn	Pn	Flange type	Gaskets				Bolts qty.	Bolts diameter	Bolts length, mm	Bolt length for blinding, mm	Bolt material	Torque [N-m]	Notes
							Type	ID	OD	Width a							
5. Korpuso dangtis	A2	1		1200	63	7*7	ARMKO		1280 (13mm)		48	M42	440		SA 193 GrB16	3000 [N-m]	
1. Paskirstymo kameros dangtis	B2	1		1000	63	7*7	ARMKO		1070 (12mm)		40	M42	420		SA 193 GrB16	3000 [N-m]	
4. Plaukiojanti galvute	C	1		1000	63	2*3	Camprofile	962	990		32	M27	280		1.4913	800 [N-m]	
Flanšas	D	1		400	63	7*7	ARMKO		550		20	M24	140		SA 193 GrB16	550 [N-m]	
Flanšas	F	1	1	400	100	7*7	ARMKO		480		16	M48	280	360	SA 193 GrB16	4300 [N-m]	
Flanšas	G	1		600	80	7*7	ARMKO		675 (9mm)		32	M30	330		SA 193 GrB16	1100 [N-m]	
Flanšas	G1	7	1	400	100	7*7	ARMKO		480		16	M48	280	360	SA 193 GrB16	4300 [N-m]	
Flanšas	G2	1	1	400	63	7*7	ARMKO		480		16	M42	240	310	SA 193 GrB16	3000 [N-m]	
Flanšas	I	4		25	100	7*7	ARMKO		50 (9mm)		4	M16	100		SA 193 GrB16	160 [N-m]	
Flanšas	K	2		350	63	7*7	ARMKO		420 (12mm)		16	M36	220		SA 193 GrB16	1800 [N-m]	
Flanšas	L	2		100	63	7*7	ARMKO		145 (12mm)		8	M24	130		SA 193 GrB16	550 [N-m]	
Flanšas	M	2		80	63	7*7	ARMKO		115 (12mm)		8	M20	130		SA 193 GrB16	300 [N-m]	

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Flange name	Notification	Category	Nomeclature No.	Description	Quantity
5. Korpuso dangtis	A2				
		Smeigės	570913030841	Smeigė M42x4.50x440 ASTM A193 Gr.B16, ASME B16.5 / + 2 veržlės ASTM A194 Gr.7, EN ISO 4032 Heavy Hex (H) m=D, sert.: EN 10204-3.1	48
1. Paskirstymo kameros dangtis	B2				
		Smeigės	570913030918	Smeigė M42x4.50x420 ASTM A193 Gr.B16, ASME B16.5 / + 2 veržlės ASTM A194 Gr.7, EN ISO 4032 Heavy Hex (H) m=D, sert.: EN 10204-3.1	40
4. Plaukiojanti galvute	C				
		Tarpinė	650808000186	Tarpinė aparatų Camprofile Dn1000 Pn10-Pn160 962 x 990 s=3 mm 1.4571/grafitas	1
		Smeigės	570913030859	Smeigė M27x3.00x280 EN10269 1.4913, ASME B16.5 / + 2 veržlės EN10269 1.4913, EN ISO 4032 Heavy Hex (H) m=D, sert.: EN 10204-3.1	32
Flanšas	D				
		Smeigės	570913030716	Smeigė M24x3.00x150 ASTM A193 Gr.B16, ASME B16.5 / + 2 veržlės ASTM A194 Gr.7, EN ISO 4032 Heavy Hex (H) m=D, sert.: EN 10204-3.1	20
Flanšas	F				
		Smeigės akliniui	570913030921	Smeigė M48x5.00x360 ASTM A193 Gr.B16, ASME B16.5 / + 2 veržlės ASTM A194 Gr.7, EN ISO 4032 Heavy Hex (H) m=D, sert.: EN 10204-3.1	16
Flanšas	G				
		Smeigės	570913030786	Smeigė M30x3.50x330 ASTM A193 Gr.B16, ASME B16.5 / + 2 veržlės ASTM A194 Gr.7, EN ISO 4032 Heavy Hex (H) m=D, sert.: EN 10204-3.1	32
Flanšas	G1				
		Smeigės akliniui	570913030921	Smeigė M48x5.00x360 ASTM A193 Gr.B16, ASME B16.5 / + 2 veržlės ASTM A194 Gr.7, EN ISO 4032 Heavy Hex (H) m=D, sert.: EN 10204-3.1	16
Flanšas	G2				
		Smeigės akliniui	570913030768	Smeigė M42x4.50x310 ASTM A193 Gr.B16, ASME B16.5 / + 2 veržlės ASTM A194 Gr.7, EN ISO 4032 Heavy Hex (H) m=D, sert.: EN 10204-3.1	16
Flanšas	I				
		Smeigės	570913030640	Smeigė M16x2.00x100 ASTM A193 Gr.B16, ASME B16.5 / + 2 veržlės ASTM A194 Gr.7, EN ISO 4032 Heavy Hex (H) m=D, sert.: EN 10204-3.1	16
Flanšas	K				
		Smeigės	570913031167	Smeigė M36x4.00x220 ASTM A193 Gr.B16, ASME B16.5 / + 2 veržlės ASTM A194 Gr.7, EN ISO 4032 Heavy Hex (H) m=D, sert.: EN 10204-3.1	32
Flanšas	L				
		Smeigės	570913030641	Smeigė M24x3.00x130 ASTM A193 Gr.B16, ASME B16.5 / + 2 veržlės ASTM A194 Gr.7, EN ISO 4032 Heavy Hex (H) m=D, sert.: EN 10204-3.1	16
Flanšas	M				
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Smeigės

570913030714

Smeigė M20x2.50x130 ASTM A193 Gr.B16, ASME B16.5 / + 2 veržlės ASTM A194 Gr.7, EN ISO 4032 Heavy Hex (H) m=D, sert.: EN 10204-3.1 16