

DEVICES TECHNICAL DATA / COMPATIBILITY CERTIFICATE

Device No.	T-24	Shell operating press., bar	38	Shell height/length, m	19	Tube op. press., bar	-
Equipment type	Vessel	Shell test pressure, bar	54,3	Shell diameter, m	3	Tube test press., bar	-
Department	GP1-LK1	Shell operating T, °C	50	Shell material	SA516Gr.70	Tube operating T, °C	-
Unit	LK-1	Shell design pressure, bar	30	Shell heat treatment	False	Tube design press, bar	-
Section	S-200	Shell allow pressure, bar	38	Shell cladding material		Tube design T, °C	-
Cost centre No.	1G3104	Shell design T, °C	0	Shell lining		Tube media	-
Exploitation start date	2007	Shell design min T, °C	0	Shell capacity, m³	143	Tube sets qty.	-
Manufacturer serial No.	0364-06-01	Shell media	H2 dujos	Weight empty, kg	0	Tube lenght, m	-
Identification No.	SI-01-07446	Shell media phase		Weight hydro test, kg	0	Tubes qty	-
				Tube set weight, kg	-	Tube diameter, mm	-
				Tube set diameter, m	-	Heat ex. area, m²	-
				Tube set capacity, m³	-	Tube material	-

Manufacturer ZVU Engineering a.s. HRADEC KRALOVE
Location OL_NPG_GP-1_LK-1_S-200 RF

Notes: Indas pagamintas pagal PED 97/23/EC

Flange name	Notification	Flange qty,	Blinded flange qty	Dn	Pn	Flange type	Gaskets				Bolts qty.	Bolts diametr	Bolts length, mm	Bolt length for blinding, mm	Bolt material	Torque [N-m]	Notes
							Type	ID	OD	Width a							
Liukas	A	1		24"	300#	7*7	ARMKO				24	1 1/2"	260		SA 320 GrL7	2100 [N-m]	
Flanšas	B	5		2"	300#	7*7	ARMKO				8	5/8"	100		SA 320 GrL7	150 [N-m]	
Flanšas	C	12	3	50	63	7*7	ARMKO				4	M20	110	140	SA 320 GrL7	300 [N-m]	
Flanšas	D	1		80	40	2*3	Camprofile	90	120		8	M16	100		SA 320 GrL7	160 [N-m]	
Flanšas	E	1		3"	300#	7*7	ARMKO				8	3/4"	120		SA 320 GrL7	270 [N-m]	
Flanšas	F	4	1	80	63	7*7	ARMKO				8	M20	120	150	SA 320 GrL7	300 [N-m]	
Flanšas	G	1		10"	300#	7*7	ARMKO				16	1"	170		SA 320 GrL7	600 [N-m]	

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Materials T-24					
Flange name	Notification	Category	Nomeclature No.	Description	Quantity
Flanšas	B				
		Smeigės	570913031220	Smeigė 5/8"x11 UNCx4" (101,6mm) ASTM A193 Gr.B7, ASME B16.5 / + 2 veržlės ASTM A194 Gr.2H Heavy Hex (H) m=D, sert.: EN 10204-3.1	40
Flanšas	C				
		Smeigės	570913030628	Smeigė M20x2.50x120 ASTM A193 Gr.B7, ASME B16.5 / + 2 veržlės ASTM A194 Gr.2H, EN ISO 4032 Heavy Hex (H)m=D, sert.: EN 10204-3.1	36
Flanšas	D				
		Tarpinė	650808000086	Tarpinė Camprofile Dn80 Pn10-Pn100 MF 90 x 120 s=2 mm 1.4571/grafitas DIN2513	1
		Smeigės	570913030627	Smeigė M16x2.00x100 ASTM A193 Gr.B7, ASME B16.5 / + 2 veržlės ASTM A194 Gr.2H, EN ISO 4032 Heavy Hex (H)m=D, sert.: EN 10204-3.1	8
Flanšas	E				
		Smeigės	570913060023	Smeigė 3/4"x10 UNCx4 3/4" (120,7mm) ASTM A193 Gr.B7, ASME B16.5 / + 2 veržlės ASTM A194 Gr.2H Heavy Hex (H)m=D, sert.: EN 10204-3.1	8
Flanšas	F				
		Smeigės	570913030628	Smeigė M20x2.50x120 ASTM A193 Gr.B7, ASME B16.5 / + 2 veržlės ASTM A194 Gr.2H, EN ISO 4032 Heavy Hex (H)m=D, sert.: EN 10204-3.1	24
Flanšas	G				
		Smeigės	570913030585	Smeigė 1"x8 UNCx6 3/4" (171,5mm) ASTM A193 Gr.B7, ASME B16.5 / + 2 veržlės ASTM A194 Gr.2H Heavy Hex (H)m=D, sert.: EN 10204-3.1	16