

DEVICES TECHNICAL DATA / COMPATIBILITY CERTIFICATE

Device No.	T-309	Shell operating press., bar	0	Shell height/length, m	3.36	Tube op. press., bar	-
Equipment type	Vessel	Shell test pressure, bar	4.7	Shell diameter, m	1.6	Tube test press., bar	-
Departament	GP1-LK1	Shell operating T, °C	50	Shell material	Bct3cn5	Tube operating T, °C	-
Unit	LK-1	Shell design pressure, bar	0	Shell heat treatment	False	Tube design press, bar	-
Section	DK	Shell allow pressure, bar	0	Shell cladding material		Tube design T, °C	-
Cost centre No.	1G3107	Shell design T, °C	0	Shell lining		Tube media	-
Exploataction start date	1980	Shell design min T, °C	0	Shell capacity, m³	5	Tube sets qty.	-
Manufacturer serial No.	32991	Shell media	Naujas tepas	Weight empty, kg	1802	Tube lenght, m	-
Identification No.	2-32/3	Shell media phase		Weight hydro test, kg	7802	Tubes qty	-
				Tube set weight, kg	-	Tube diameter, mm	-
Manufacturer	БМЗ г. Бугульма Татарстан			Tube set diameter, m	-	Heat ex. area, m²	-
Location	OL_NPG_GP-1_LK-1_DK			Tube set capacity, m³	-	Tube material	-

Notes:

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							
Liukas	A	1		450	10	1*1	Camprofile	472	539		20	M24	140		SA 193 GrB7	549 [N-m]	
Flanšas	B	4	3	50	25	1*1	Camprofile	65	107		4	M16	100	120	SA 193 GrB7	163 [N-m]	
Flanšas	C	2	1	25	25	1*1	Camprofile	36	71		4	M12	80	90	SA 193 GrB7	52 [N-m]	
Flanšas	D	4		40	25	1*1	Camprofile	53	92		4	M16	100		SA 193 GrB7	146 [N-m]	

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Materials T-309					
Flange name	Notification	Category	Nomeclature No.	Description	Quantity
Liukas	A				
		Tarpinė	650808000444	Tarpinė aparatų Camprofile Dn450 Pn16 472 x 528 x 539 s=3 mm 1.4541/grafitas	1
		Smeigės	570913030631	Smeigė M24x3.00x140 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	20
Flanšas	B				
		Tarpinė akliniui	650807000034	Tarpinė laikina Dn50 Pn10-Pn40 RF 61 x 107 s=2 mm TopSil ML-1	6
		Tarpinė	650808000493	Tarpinė Camprofile Dn50 Pn10-Pn40 RF 65 x 87 x 107 s=3 mm 1.4541/grafitas DIN2690	4
		Smeigės akliniui	570913030803	Smeigė M16x2.00x120 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	12
		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	4
Flanšas	C				
		Tarpinė akliniui	650807000054	Tarpinė laikina Dn25 Pn10-Pn40 RF 35 x 70 s=2 mm TopSil ML-1 DIN2690	2
		Tarpinė	650808000043	Tarpinė Camprofile Dn25 Pn10-Pn40 RF 36 x 52 x 71 s=3 mm 1.4541/grafitas DIN2690	2
		Smeigės akliniui	570913030702	Smeigė M12x1.75x90 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	4
		Smeigės	570913030626	Smeigė M12x1.75x80 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	4
Flanšas	D				
		Tarpinė	650808000144	Tarpinė Camprofile Dn40 Pn10-Pn40 RF 53 x 73 x 92 s=2 mm 1.4541/grafitas DIN2690	4
		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	16