

DEVICES TECHNICAL DATA / COMPATIBILITY CERTIFICATE

Device No.	Av-117	Shell operating press., bar	3	Shell height/length, m	6,91	Tube op. press., bar	3
Equipment type	Heat Exchanger	Shell test pressure, bar	12,5	Shell diameter, m	0,6	Tube test press., bar	12,5
Department	GP1-LK1	Shell operating T, °C	40	Shell material	Bct3cn5	Tube operating T, °C	30
Unit	LK-1	Shell design pressure, bar	21,6	Shell heat treatment	True	Tube design press, bar	9,8
Section	S-100	Shell allow pressure, bar	13,5	Shell cladding material	AISI 316 TI	Tube design T, °C	100
Cost centre No.	1G3102	Shell design T, °C	100	Shell lining		Tube media	Vanduo
Exploitation start date	1980	Shell design min T, °C	-20	Shell capacity, m³	2,42	Tube sets qty.	2
Manufacturer serial No.	38007	Shell media	Benzinas	Weight empty, kg	8550	Tube lenght, m	6
Identification No.	SI-01-10781	Shell media phase		Weight hydro test, kg	12030	Tubes qty	576
				Tube set weight, kg		Tube diameter, mm	20x2
Manufacturer	ПО,,Бугульманефтемаш" г. Бугульма Татарстан			Tube set diameter, m	0,6	Heat ex. area, m²	218
Location	OL_NPG_GP-1_LK-1_K-104			Tube set capacity, m³		Tube material	08X18H10T

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							
5. Korpuso dangtis	A1;A2	2		700	25	2*3	Camprofile	740	770		40	M20	160		SA 193 GrB7	349 [N-m]	
1. Paskirstymo kameros dangtis	B1	1		600	25	2*3	Camprofile	633	663		32	M20	160		SA 193 GrB7	349 [N-m]	4 pertvaros 8mm
2. Paskirstymo kamera	B2	1		600	25	2*3	Camprofile	633	663		32	M20	200		SA 193 GrB7	349 [N-m]	4 pertvaros 8mm
3. Paskirtymo kamera	B3;B6	2		600	25	2*3	Camprofile	633	663								
1. Paskirstymo kameros dangtis	B4	1		600	25	2*3	Camprofile	633	663		32	M20	160		SA 193 GrB7	349 [N-m]	2pertvaros 8mm
2. Paskirstymo kamera	B5	1		600	25	2*3	Camprofile	633	663		32	M20	200		SA 193 GrB7	349 [N-m]	2 pertvaros 8mm
4. Plaukiojanti galvute	C1	1		600	16	2*3	Camprofile	568	590		52	M20	250		1.4913	320 [N-m]	4+1 pertvaros 8mm
4. Plaukiojanti galvute	C2	1		600	16	2*3	Camprofile	568	590		52	M20	250		1.4913	301 [N-m]	1 pertvara 8mm
Flanšas	D	7	2	250	16	1*1	Camprofile	275	328		12	M24	130	160	SA 193 GrB7	549 [N-m]	
Flanšas	E	4	2	150	16	1*1	Camprofile	170	217		8	M20	110	130	SA 193 GrB7	318 [N-m]	
Flanšas	F	3		200	25	2*3	Camprofile	220	259		12	M24	130		SA 193 GrB7	549 [N-m]	
Flanšas	G	3		150	16	2*3	Camprofile	169	203		8	M20	120		SA 193 GrB7	318 [N-m]	
Flanšas	H	1	1	25	40	2*3	Camprofile	35	57		4	M12		90	SA 193 GrB7	65 [N-m]	

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Flanšas	J	1	1	50	16	1*1	Camprofile	65	107	4	M16	120	SA 193 GrB7	163 [N-m]
Srieginis kamštis	K1-K4	4		M20x1, 5		2*3	Camprofile	21	32					
Srieginis kamštis	K5-K8	4		G 3/4"		2*3	Camprofile	28	35					