

ПЛАСТИНАТИ ТОПЛООБМЕННИЦИ PLATE HEAT EXCHANGER



КРИСМЕТАЛ ООД



Споени - Brazed

Brazed plate heat exchanger (BHE) data and dimensions

	CBH16	CBH18	CB20	CB30	CB40	CB110 [®]	CB112	CB200 (CBH200)	CB300	CB400
Channel type	H, A	H, A	H	H, M, L	H, M, L	H, L, M	H, L, M, AM, AH	H, L, M	H, L, M	H, L
Max. min. design temperature (°C)	225/-160	150/-50	225/-190	225/-190	175/-190	225/-190	225/-190	225/-190	225/-190	225/-190
Max. design pressure at 150° C (S3-S4/S1-S2) (bar) *	32/32	32/32	16/16	36/36	36/36	32/32	32/32	26/26	27/16	32/27
Volume/thermal (S3-S4/S1-S2) (litre) **	0.007 (44°)	0.008 (44°)	0.008	0.004	0.103 (44°)	0.21	0.18 [†]	0.51	0.56/0.69	0.74
Max. flowrate (S3-S4/S1-S2) (m³/h) **	3.6	3.8	8.9	14.5	14.5	51	34/63	128	200	200
Height, a (mm)	211	316	304	313	527	491	818	740	900	960
Width, b (mm)	74	74	94	113	113	250	191	323	365	360
Vertical connection distance, c (mm)	172	278	270	250	400	378	519	622	816/861	825
Horizontal connection distance, d (mm)	40	40	46	50	50	138	92	205	213.5	225
Plate pack length, A (mm)	(n x 2.18) + 8	(n x 2.18) + 8	(n x 1.5) + 8	(n x 2.31) + 13	(n x 2.35) + 13	(n x 2.2) + 12	(n x 2.05) + 15	(n x 2.7) + 11 / (n x 2.7) + 14	(n x 2.62) + 11	(n x 2.56) + 14
Weight empty (kg) ***	(n x 0.04) + 0.27	(n x 0.07) + 0.4	(n x 0.08) + 0.6	(n x 0.1) + 1.2	(n x 0.18) + 1.2	(n x 0.38) + 13	(n x 0.35) + 4.8	(n x 0.8 + 12 / (n x 0.8 + 14)	(n x 1.25) + 21	(n x 1.35) + 24
Standard connection, external thread (in)	3/4"	3/4"	1"	1 1/4" / 1"	1 1/4" / 1"	5/8" / 3/2" 1/2"	3" weld 2"	3"	4 1/2" 1/2"	4"
Plate material	AISI 316	AISI 316	AISI 316	AISI 316	AISI 316	AISI 316	AISI 316	AISI 316	AISI 316	AISI 316
Connection material	AISI 316	AISI 316	AISI 316	AISI 316	AISI 316	AISI 316	AISI 316	AISI 316	AISI 316	AISI 316
Brazing material	Copper	Copper	Copper	Copper	Copper	Copper	Copper	Copper	Copper	Copper
Max. number of plates	60	80	110	150	150	300	300	200	250	270

Споени топлообменници обикновено поддържани на склад - Brazed Heat Exchangers usually kept on stock

Модел Type	Код Code	Модел Type	Код Code		
CB-30-34H	3287083363	445039	CB110-38L	3287101602	445036
CB-30-50H	3287083364	445029	CB110-20L	3287101599	445061
			CB110-30L	3287101601	445062

Разглобяеми - Gasketed plate-and-frame

Поддържани на склад модели - Stock models - T5M; M6M



Model	T2	M3	TL3	T5	M6	TL6	T6
Max. flow rate kg/s/GPM	2/90	4/90	5/90	14/220	16/250	20/300	20/300
Max. temperature °C (°F) (ASME)	180/-	180/300	180/350	180/350	180/350	180/350	180/350
Max. design pressure bar (PEI) /psi (ASME)	16/-	16/150	16/150	16/150	25/300	25/300	25/300

Компоненти необходими за комплектация на разглобяеми топлообменници - Components needed for assembling of Gasketed Heat exchangers

Компоненти Components	Код - Code	
	Alfa Laval	Chrysmetal
Челна плоча комплект -Front frame set	-	446101
Крайна плоча комплект -End frame set	-	446111
Пластина - Plate 316L LT	3900768903	446103
Пластина - Plate 316L HT	3900769003	446105
Уплътнение - Gasket NBRP	3900732106	446102



Компоненти Components	Код - Code	
	Alfa Laval	Chrysmetal
Челна плоча комплект -Front frame set	-	446112
Крайна плоча комплект -End frame set	-	446122
Пластина - Plate 316L LT	3641174003	446113
Пластина - Plate 316L HT	3642174003	446115
Уплътнение - Gasket NBRP	3900173907	446114
Уплътнение - Gasket EPDMP	3900561428	446117

