

Danfoss HEXSelector 1.3.21

#1919-230531223806

Customer		Datums	31.05.2023
Project		Engineer	Natalija Tarasova
Siltummaiņa tips	XB05M-1-16	Contact Person	
Product Code	004B3557	E-pasts	
Pakāpes	1 (Parallel)		

Apreķinātie parametri	vienība	Puse 1	Puse 2
Plūsmas tips		CounterCurrent	
Siltuma slodze	kW	20,00	
Ienākošā temperatūra	°C	95,0	50,0
Izejošā temperatūra	°C	53,0	70,0
Masas plūsma	kg/s	0,11	0,24
Tilpuma plūsma	L/min	6,98	14,58
Kopējais spiediena kritums	kPa	3,97	18,23
Spiediena kritums (pievienojumā)	kPa	0,14	0,89
Virsmas rezerve	%	34,14	
LMTD	ΔK	10,4	
Siltuma pārnese koeficients (Pieejama/Nepieciešama)	W/m²·K	8795 / 6556	
Plūsmas ātrums pievienojumā	m/s	0,46	0,95
Bīdes spēks	Pa	12,32	38,36

Šķidruma īpašības	vienība	Puse 1	Puse 2
Siltumnesēja šķidrums/tips		Water	Water
Šķidruma viskozitāte	mPa·s	0,3848	0,4683
Šķidruma blīvums	kg/m³	976,3230	984,0558
Šķidruma siltumietilpība	kJ/kg·K	4,1909	4,1831
Šķidruma siltumvadītspēja	W/m·K	0,6621	0,6498

Siltummaiņa specifikācija	vienība	Puse 1	Puse 2
Siltummaiņa tips		XB05M-1-16	
Plāksņu skaits		16	
Sadalījums		1*7M/1*8M	
Plāksņu materiāls		AISI316L	
Siltuma pārnese laukums	m²	0,29	
Lodēšanas materiāls		Cu	
Tilpums	l	0,1	0,2
Svars, tukšs/piepildīts	kg	1,38 / 1,67	
Pievienojums	leplūdes	G 3/4 Thread	G 3/4 Thread
	Izeja	G 3/4 Thread	G 3/4 Thread
Sertifikācija/apstiprinājumi		PED 2014/68/EU, Art. 4.3	
Minimālā projektētā temperatūra	°C	-10,0	
Maksimālā projektētā temperatūra	°C	180,0	
Maksimālais projektētais spiediens	bar(g)	25,0	25,0
H371.1-1.3.21			

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Items			
Product Code	Pcs.	Component	
004B3557	1	XB05M-1-16	

Piezīmes

Copper brazed stainless steel heat exchanger designed and configured for district heating systems, district cooling and other heating applications. The brazed heat exchanger features our new MICRO PLATES™, which enable heat to be transferred more effectively than in any previous model. Energy and cost savings, Longer life time, Corrosion-resistant design, Compact Design.

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Please verify before confirming the offer the suitability of materials, data and temperature specified. Items not specified in the offer, including without limitation other materials, data, ancillary services, auxiliary materials, installation, erection, or commissioning are not included in the scope of the offer.

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