

Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

HEAT EXCHANGER

SL type tube cooler

Description: SL type tube cooler is the introduction of Japanese manufacturing technology products, the heat sink cooling pipe copper rolling, small volume, large heat exchange area; the spiral plate, so that th...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Heat Exchanger
Standard	DIN
Weight / Size	Model A C D E G H J K L M N P Q R S T Weight SL-303 309 45 152 107 81 87...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications			
Category	Heat Exchanger	Model / SKU	SL-type-tube-cooler
Standard	DIN	Weight / Size	Model A C D E G H J K L M N P Q R S T Weight SL-303 309 45 152 107 81 87 35 15 95 56 11*20 62 120 87.9 Rc3/4 Rc3/4 5.5 SL-304 381 224 179 6 SL-305 453 296 251 6.5 SL-307 597 440 395 7 SL- 309 741 584 539 8 SL-311 885 728 683 9 SL-408 469 60 284 240 95 125 50 20 160 110 18*22 87 150 114.3 Rc1 1/4 Rc3/4 13 SL- 411 613 428 384 16 SL-415 757 572 528 18 SL-418 901 716 672 21 SL-421 1045 860 816 24 SL- 509 484 70 270 206 121 160 50 20 180 120 18*25 105 180 139.8 Rc1 1/2 Rc1 24 SL-518 638 406 342 26 SL-526 854 662 558 31 SL-534 1070 838 774 36 SL-542 1286 1054 990 42
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	Warranty	12 Months unless specified otherwise
Origin	China		

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Description:

SL type tube cooler is the introduction of Japanese manufacturing technology products, the heat sink cooling pipe copper rolling, small volume, large heat exchange area; the spiral plate, so that the flow of oil into the spiral uniform connection flow, overcomes the heat generated in the transmission angle of baffle, high heat transfer efficiency and pressure loss small.

There are two flow processes and four flow processes in SL tube cooler. There are two kinds of oil flow: large flow (deflector large lead) and small flow (deflector small lead) two. According to the requirements of matching.

SL tube type cooler conditions: the inlet pressure is less than 1.0Mpa, the temperature is lower than 70 DEG C, oil viscosity is less than 50 centistokes, oil-water flow ratio in 1:1.5 working condition, the temperature drop is less than 8 DEG C, the heat exchange coefficient is up to 300Kcal/m².h. DEG C.

Performance parameters of SL tube cooler:

Cooling water: fresh water use: the oil side pressure less than 1MPa water side pressure: less than 0.5MPa

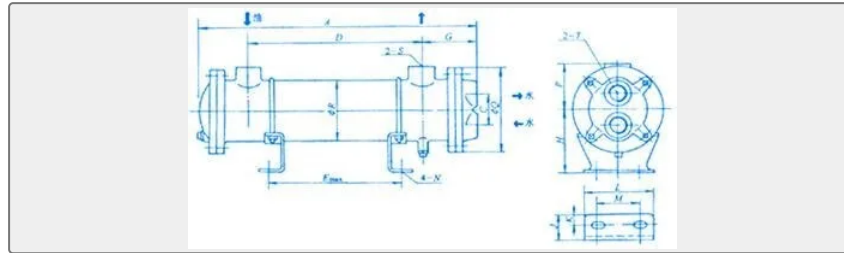
Selection method: calculate the heat exchange Q

1. calculate $Q = cpq (T1 - T2)$ according to oil temperature requirement and flow rate

C - oil specific heat capacity p - oil density Q - oil flow T1 - oil inlet temperature T2- oil outlet temperature

2. according to the calorific value calculation of the hydraulic system

Technical data:



Model	A	C	D	E	G	H	J	K	L	M	N	P	Q	R	S	T	Weight
SL-303	309	4 5	152	10 7	81	87	3 5	1 5	95	56	11*20	62	12 0	87.9	Rc3/4	Rc3/4	5.5
SL-304	381		224	17 9													6
SL-305	453		296	25 1													6.5
SL-307	597		440	39 5													7
SL-309	741		584	53 9													8
SL-311	885		728	68 3													9
SL-408	469	6 0	284	24 0	95	12 5	5 0	2 0	16 0	110	18*2 2	87	15 0	114.3	Rc1 1/4	Rc3/4	13
SL-411	613		428	38 4													16
SL-415	757		572	52 8													18
SL-418	901		716	67 2													21
SL-421	104 5		860	81 6													24

SL-509	484	70	270	206	121	160	50	20	180	120	18*25	105	180	139.8	Rc1 1/2	Rc1	24
SL-518	638		406	342													26
SL-526	854		662	558													31
SL-534	1070		838	774													36
SL-542	1286		1054	990													42