HEAT EXCHANGER

GLC tube type oil cooler

Range of use: The GL cooler is used in the lubrication system and hydraulic system of metallurgy, mining, cement, electric power, light industry, food, chemical industry, paper making and other industrial sectors t...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Heat Exchanger
Standard	EN
Weight / Size	Characteristic： The GL cooler has the advantages of small size, light we...
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**	GLC-tube-type-oil-cooler
Standard	EN	**Weight / Size**	Characteristic： The GL cooler has the advantages of small size, light weight, good cooling effect and convenient maintenance;

Surface	Area of cooling surface Working Pressure Working Temperature Pressure drop Oil & Water Rate Medium viscosity Heat transfer coefficient Oil Side Water Side 0.4 ~ 1.2 0.6 ≤100 ≤0.1 ≤0.05 1：1 almost 20 ~ 300 ≥350 1.3 ~ 3.5 4 ~ 11 1 13 ~ 27 30 ~ 54 1.6 55 ~ 90 4 ~ 7 0.63 1：1.5 almost ≥300 12 ~ 28 35 ~ 60 1 80 ~ 120 160 ~ 200 L C L1 H1 H2 D1 D2 C1 C2 B L2 L3 n-d3 d1 d2 Weight 370 240 67 60 68 78 92 52 102 132 115 145 4-(11) G1" (Dg25) G3/4" (Dg25) 8 540 405 310 10 600 532 435 12 810 665 570 13 940 805 715 15 560 375 98 85 93 120 137 78 145 175 172 225 4-(11) G1" (Dg25) G1" (Dg25) 19 690 500 350 21 820 635 485 25 960 775 630 29 1110 925 780 32 1270 1085 935 36 840 570 152 125 158 168 238 110 170 210 245 380 4-(15) G1 1/2" (Dg36) G1 1/4" (Dg30) 74 990 720 530 77 1140 870 680 85 1310 1040 850 90 1470 100 1010 G2" (Dg50) G1 1/2" (Dg36) 96 1630 1360 1170 105 1800 1530 1340 110 1980 1710 1520 118 1340 985 197 160 208 219 305 745 4-(19) G2" (Dg50) G2" (Dg50) 152 1500 1145 905 164 1660 1305 1065 175 1830 1475 1235 188 2010 1655 1415 200 2180 1825 1585 213 2360 2005 1765 225 2530 2175 1935 238 1932 1570 202 200 234 273 355 1320 4-(23) G2 1/2" (Dg60) G2" (Dg50) 2152 1790 1540 2322 1960 1710 2542 2180 1930 2712 2350 2100 2872 2510 2260 3092 2730 2480 3262 2900 2650 2272 1860 227 230 284 325 410 1590 4-(23) G3" (Dg70) G2 1/2" (Dg60) 2452 2040 1170 2632 2220 1950 2812 2400 2130 2992 2580 2310 3172 2760 2490 3352 2940 2670 3532 3120 2850	**Certificate**	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS
Warranty	12 Months unless specified otherwise	**Origin**	China

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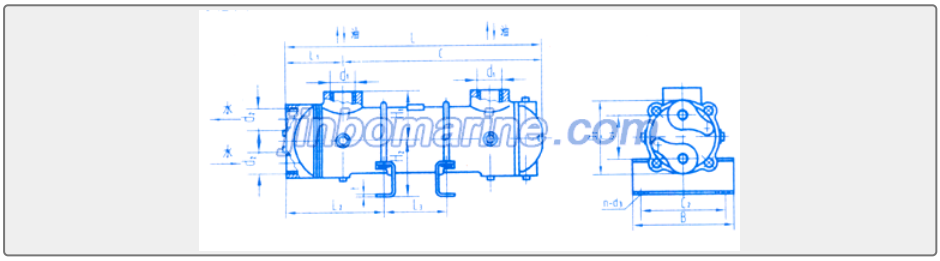
- Range of use:
- Characteristic：

Range of use:

The GL cooler is used in the lubrication system and hydraulic system of metallurgy, mining, cement, electric power, light industry, food, chemical industry, paper making and other industrial sectors to cool the lubricating oil and hydraulic oil in the system. GL cooler in thin oil lubricating device, hydraulic station, hydraulic equipment, heat oil cooled to the required temperature; the working temperature is less than or equal to 100℃ cooler, work pressure is less than 1.6MPa, the general working pressure is less than 1MPa.

Characteristic：

The GL cooler has the advantages of small size, light weight, good cooling effect and convenient maintenance; the heat exchange tube with copper fin tube type GLCQ, heat exchange coefficient, 300kcal/m2.H.℃; type GLLQ (light) by bare tube, heat exchange coefficient, 200kcal/m2.H.℃.



Area of cooling surface	Working Pressure	Working Temperature	Pressure drop		Oil & Water Rate	Medium viscosity	Heat transfer coefficient
			Oil Side	Water Side			
0.4 ~ 1.2	0.6	≤100	≤0.1	≤0.05	1：1 almost	20 ~ 300	≥350
1.3 ~ 3.5							
4 ~ 11	1						
13 ~ 27							
30 ~ 54	1.6						
55 ~ 90							
4 ~ 7	0.63				1：1.5 almost		≥300
12 ~ 28							
35 ~ 60	1						
80 ~ 120							
160 ~ 200							

L	C	L1	H1	H2	D1	D2	C1	C2	B	L2	L3	n-d3	d1	d2	Weight

370	240	67	60	68	78	92	52	102	132	115	145	4-(11)	G1" (Dg25)	G3/4" (Dg25)	8
540	405										310				10
600	532										435				12
810	665										570				13
940	805										715				15
560	375	98	85	93	120	137	78	145	175	172	225	4-(11)	G1" (Dg25)	G1" (Dg25)	19
690	500										350				21
820	635										485				25
960	775										630				29
1110	925										780				32
1270	1085										935				36
840	570	152	125	158	168	238	110	170	210	245	380	4-(15)	G1 1/2" (Dg36)	G1 1/4" (Dg30)	74
990	720										530				77
1140	870										680				85
1310	1040										850				90
1470	100										1010		G2" (Dg50)	G1 1/2" (Dg36)	96
1630	1360										1170				105
1800	1530										1340				110
1980	1710										1520				118
1340	985	197	160	208	219	305					745	4-(19)	G2" (Dg50)	G2" (Dg50)	152
1500	1145										905				164
1660	1305										1065				175
1830	1475										1235				188
2010	1655										1415				200
2180	1825										1585				213
2360	2005										1765				225
2530	2175										1935				238

1932	1570	202	200	234	273	355					1320	4-(23)	G2 1/2" (Dg60)	G2" (Dg50)	
2152	1790										1540				
2322	1960										1710				
2542	2180										1930				
2712	2350										2100				
2872	2510										2260				
3092	2730										2480				
3262	2900										2650				
2272	1860	227	230	284	325	410					1590	4-(23)	G3" (Dg70)	G2 1/2" (Dg60)	
2452	2040										1170				
2632	2220										1950				
2812	2400										2130				
2992	2580										2310				
3172	2760										2490				
3352	2940										2670				
3532	3120										2850				