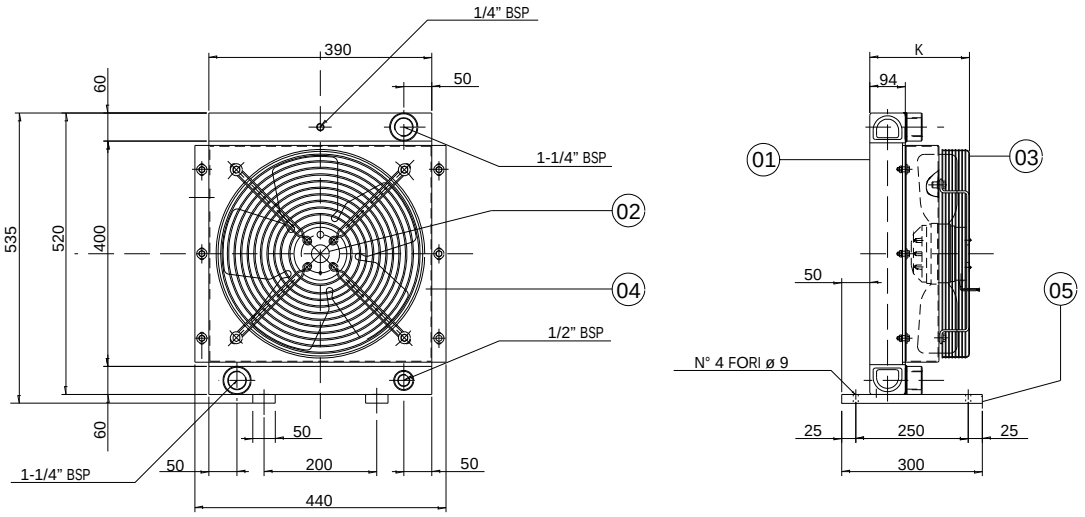
Air/oil coolers series CSA 4

LEHENGOAK, S.A.

Code	Tension V	Frequency Hz	Rpm	Power Kw	Dia.Fan Weel.	dB (A)	K mm.
CSA 4.12.0.00	12	DC	2300	0.125	305	71	210
CSA 4.24.0.00	24	DC	2300	0.125	305	71	210
CSA 4.22.0.00	230	50/60	1380/1550	0.145/0.200	350	70	210/230
CSA 4.38.0.00	230/400	50/60	1410/1610	0.155/0.200	350	70	210/230



COOLER TECHNICAL DATA

Max working Pressure	:20 bar
Max working Temperature	: + 120° C
Max oil Viscosity	: 100 CST
Main Material	: Alluminium
Cooling Fluid	: Compatible Al
Colour	: Black

FAN MOTORS TECHNICAL DATA

Tension	CA: DIN IEC38	DC: 12/24V
Max Working Temperature	: + 75° C	+ 75°C
Min Working Temperature	: - 30° C	
Main Material	: Steel	: Fiber Glass
Motor Protection	: IP 44	: IP 64
Colour	: Black	

SPARE PARTS

Pos.	Description	Code
	CSA 4.12.0.00	
01	Cooler	CSA4.00.0.00
02	Fan Motor(Air Flow Suction)	10.70108 .1
02	Fan Motor(Air Flow Blowing)	10.70110 .1
04	Cowl	15.65009 .0
05	Fixing Support	15.65017 .0
	CSA 4.22.0.00	
01	Cooler	CSA4.00.0.00
02	Fan Motor(Air Flow Suction)	10.70040 .1
02	Fan Motor(Air Flow Blowing)	10.70041 .1
03	Safety Guard	10.70053 .1
04	Cowl	15.65019 .0
05	Fixing Support	15.65017 .0

SPARE PARTS

Pos.	Description	Code
	CSA 4.24.0.00	
01	Cooler	CSA4.00.0.00
02	Fan Motor(Air Flow Suction)	10.70013 .1
02	Fan Motor(Air Flow Blowing)	10.70114 .1
04	Cowl	15.65009 .0
05	Fixing Support	15.65017 .0
	CSA 4.38.0.00	
01	Cooler	CSA4.00.0.00
02	Fan Motor(Air Flow Suction)	10.70013 .1
02	Fan Motor(Air Flow Blowing)	10.70014 .1
03	Safety Guard	10.70053 .1
04	Cowl	15.65019 .0
05	Fixing Support	15.65017 .0

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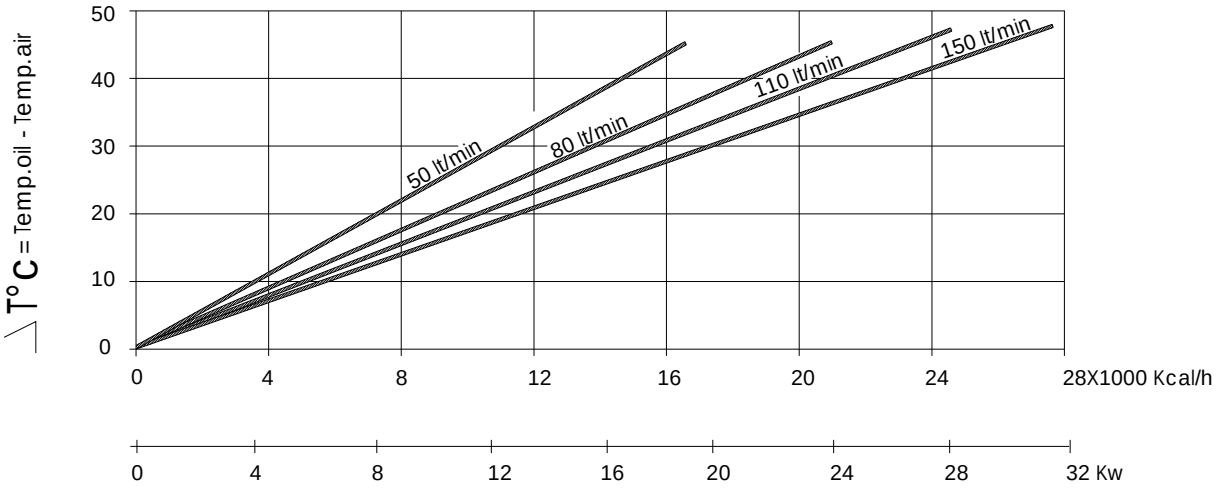
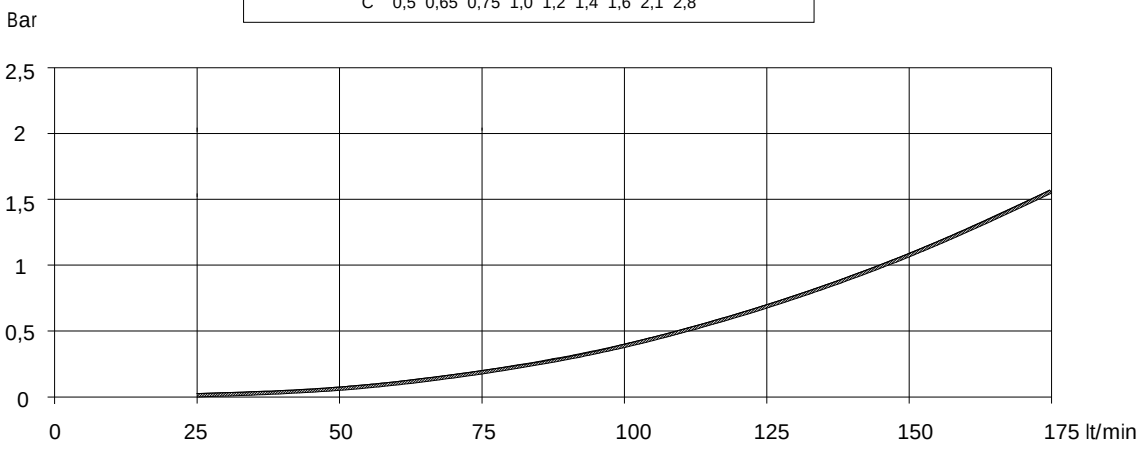
THERMIC EFFICIENCY DIAGRAM



PRESSURE DROP DIAGRAM

In order different viscosity , please multiply temp.x correction factor

CST	10	15	20	30	40	50	60	80	100
C	0,5	0,65	0,75	1,0	1,2	1,4	1,6	2,1	2,8



CODIFICATION

Cooler series — CSA 4 — 12 — A — 38

Fan Motor
12-24-22-38
(See Code)

Air - Flow Type
A= Suction Fan
B= Blowing Fan

Thermostat series

38	38 - 27
47	47 - 36
60	60 - 49
70	70 - 59
TR	0 - 90

Technical characteristic herein mentioned are not binding and it can be modified from CIESSE without any notice