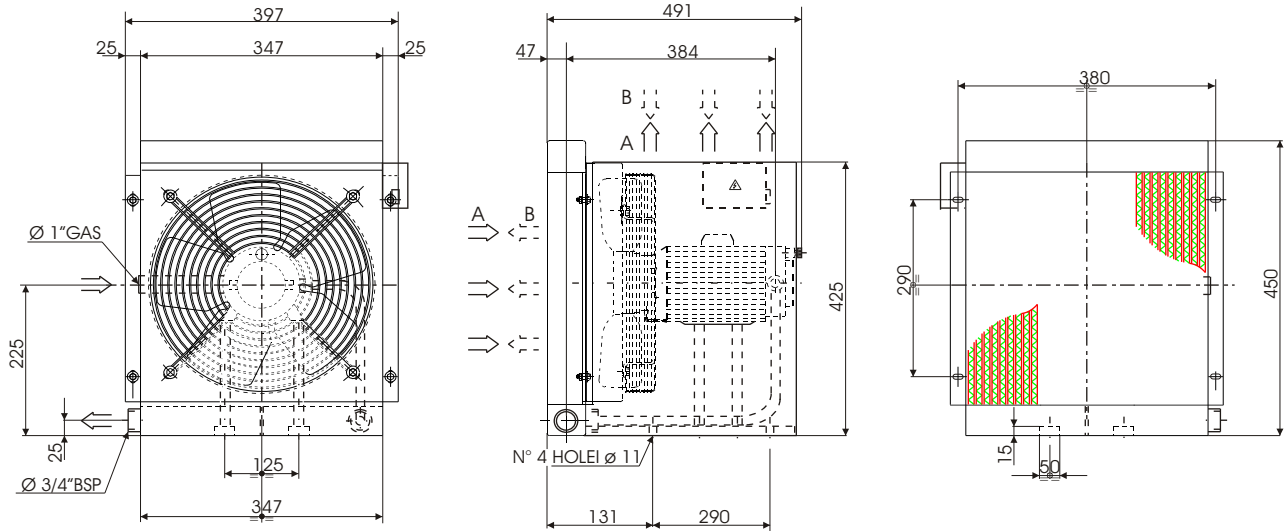




Autonomous cooling system SRA 5

Code	Tension	Frequency Hz	Rpm/min.	Power Kw	Fan diameter mm.	Q oil Lt/min	Q air m³/h
SRA 4.22.0.00	230	50	1400	2.00	300	52	2300
SRA 4.38.0.00	400	50	1450	2.00	300	52	2300



The oleodynamic system are becoming more and more complex and it's not advisable to introduce, in most cases, an air/oil heat exchanger in the exhaust circuit because of high pressure and oil hammers! To overcome this kind of problem Ciesse has created a group "INDEPENDENT COOLING SYSTEM" that allows to cool, recirculate and filter oil from the primary equipment.

The cooling systems are formed by this elements:

- 1) Easily accessible containing structure
- 2) Low noise motor pump group with vanes
- 3) By-pass
- 4) Air/Oil heat exchanger
- 5) Suction / blowing fan

HEAT EXCHANGER TECHNICAL SPECIFICATIONS	
Max working pressure	: 20 bar
Max working temperature	: + 120° C
Max oil viscosity	: 20 a 500 CST
Material	: Aluminium
Cooling fluid	: Al compatible
Color	: Black

ELETRIC PUMP TECHNICAL SPECIFICATIONS	
Tension	See above
Max working temperature	: + 110° C
Min. working temperature	: - 10° C
Material	: vari
Protection degree	: IP
Color	: aluminium

SPARE PARTS

Pos.	Description	Code
SRA 5.22.0.00		
01	Heat exchanger	SRA 5.00.0.00
02	Electric pump	VS90M
03	Suction fan	11.70088.1
04	Blowing fan	11.70175.1
05	Fan shroud	15.65689.0
06	Protection grille	09.70052.1
07	Flexible tube	20.80032.1
08	Containing structure	15.65686.0

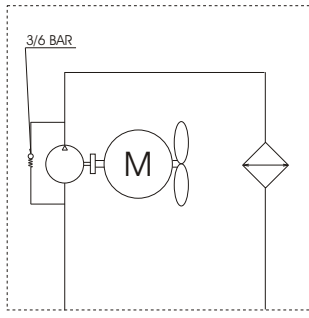
SPARE PARTS

Pos.	Description	Code
SRA 5.38.0.00		
01	Heat exchanger	SRA 5.00.0.00
02	Electric pump	VS90T
03	Suction fan	11.70088.1
04	Blowing fan	11.70175.1
05	Fan shroud	15.65689.0
06	Protection grille	09.70052.1
07	Flexible tube	20.80032.1
08	Containing structure	15.65686.0

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

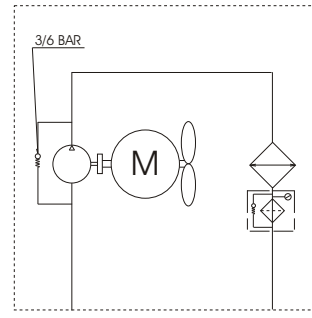
General characteristic SRA heat exchanger

SRA



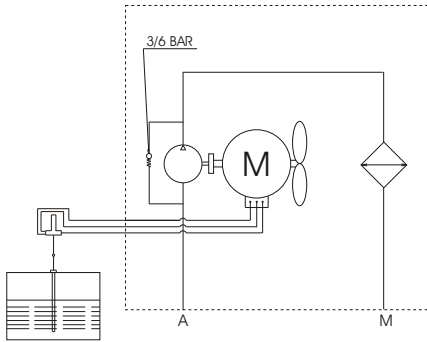
AIR/OIL HEAT EXCHANGER
ELECTRIC PUMP WITH VANES
BY PASS

SRAF



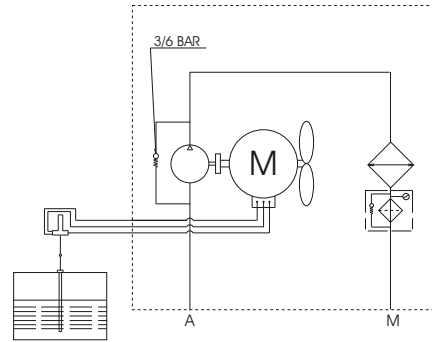
AIR/OIL HEAT EXCHANGER
ELECTRIC PUMP WITH VANES
BY PASS
FILTER

SRAT



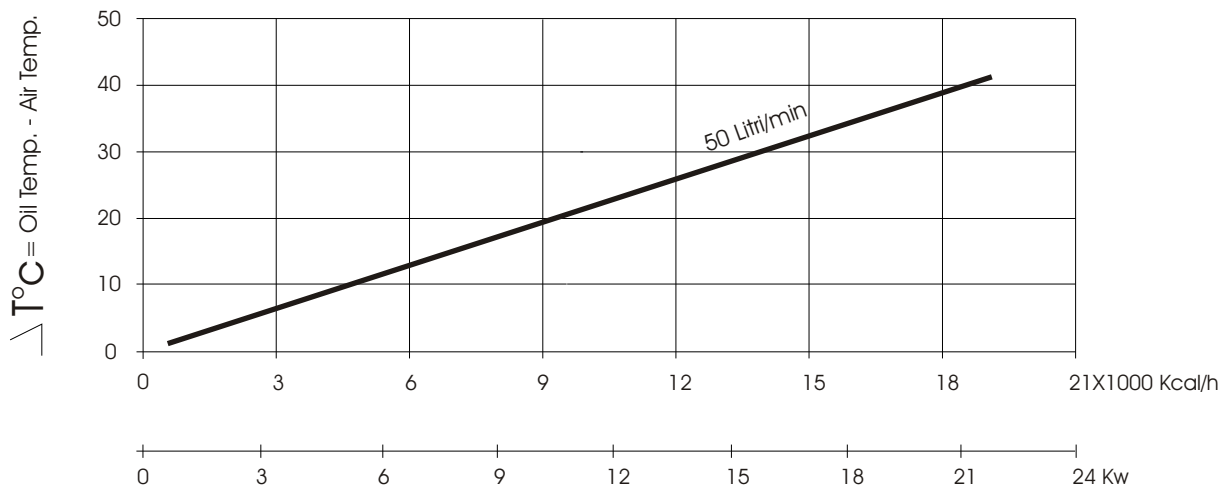
AIR/OIL HEAT EXCHANGER
ELECTRIC PUMP WITH VANES
BY PASS
ADJUSTABLE THERMOSTAT 0÷90

SRATF



AIR/OIL HEAT EXCHANGER
ELECTRIC PUMP WITH VANES
BY PASS
ADJUSTABLE THERMOSTAT 0÷90
FILTER

DIAGRAM OF THERMIC EFFICIENCY SRA 5



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