AKC11001D TECHNICAL DATA		
MODELL		GFC B 2160/34/PU
Design data :		
Total Cooling Capacity	kW	881.0
Inlet Water Temperature	°C	18
Outlet Water Temperature	°C	12
Ambient Temperature	°C	32
Refrigerant Circuits	n°	2
Capacity steps	n°	stepless
Evaporator Fouling Factor	m2K/W	0.000086
Power circuit voltage	V/Hz/Ph	400/3/50
Control circuit voltage	V/Hz/Ph	220/1/50
Refrigerant	Type	**R134A**
Theoretic Refrigerant Charge X circuit	Kg	68
Chiller performance :		
E.E.R.	coeff.	3.75
Ethyl. Glycol	%	30.00
Flowrate	m3/h	136.58
	l/s	37.94
Evaporator pressure drop	KPa	44
Total Pressure Drop	KPa	105
Free cooling mode		
Cooling Capacity	kW	881.0
Ambient Temperature	°C	1.50
Compressors :		
Type	Type	Screw
N° of Compressors	n°	2
Nominal Power Input (each)	kW	100.6
Running Current (each)	A	165.5
Max Current (each)	A	280
Starting Current (each)	A	436
Condenser coil :		
Type		finned coil
Pipe material	Type	Copper
Fins material	Type	alluminium
Condenser EC Fan :		
Fans Diameter	mm	800
Fans Quantity	n°	16
Total Fans Airflow	m3/h	288000.00
Total Fans Motor Power Input	kW	33.60
Total Fans Circuit Amperes	A	52.80
Evaporator :		
Evaporator Quantity	n°	1
Entering/Leaving Water Temp.	°C	18 / 12
Type	Type	shell & tube
Water Holding Volume (including coils)	Lt.	967
Chiller Connections	"	6" Gr
Electrical data :		
Minimum/Maximum Voltage	V - V	380 ÷ 440
Total Power Input	kW	234.80
Total Running Current	A	383.80
Total Max Current	A	612.80
Total Starting Current	A	654.30
PU section		
Pump	Qty	1.0
Power absorbed	kw	18.50
Current absorbed	A	37.0
External pressure	kpa	180.0
Physical Data :		
Length without electrical cabinet	mm	9810
Width	mm	2479
Height	mm	2354
Shipping / operating weight	Kg	8609 / 9576
Sound Data :		
sound pressure	dB(A) - 10m	72