

MCMC
COMPRESSORS

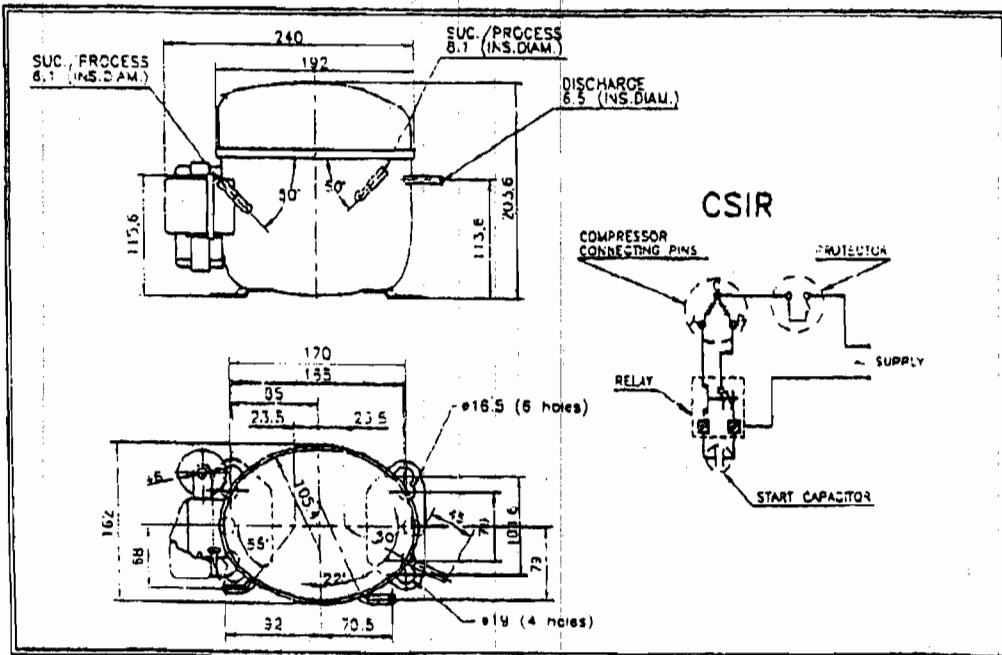
GP14TB
220-240V~50Hz
HM-F VE01

GP14TB

Technical data

Application			
Evaporating temp. range	°C		-25 to 10
Refrigerant			R134a
Expansion system			Capillary or valve
Cooling			Fan
Recommended max. ambient temp.	°C		43
Rated performance		Cycle C	Cycle D
Refrigerating capacity		1015 w	1055 kcal/h
Input	W	590	613
EER	kcal/W.h	-	1.72
COP	W/W	1.72	2
Current	A	3.28	3.41
Test conditions:			
Evaporating temp.	°C	5	7.2
Condensing temp.	°C	55	55
Liquid temp. entering expansion valve	°C	55	48
Ambient and return gas temp.	°C	32	35
Voltage/frequency	V/Hz	220/50	220/50
Compressor Data			
Displacement	cm ³		14.00
Bore/Stroke	mm		29.37/21.13
Net weight	kg		11.75
Motor Data			
Approximate power	CV		3/8
Code/Type/Phases			614520/CSIR/1PH
Voltage/Rated frequency	V/Hz		220-240/50
Limit voltages	V		187-264
Locked rotor current	A		17.8
Main W resistance at 25 °C	Ω		4.15
Start W resistance at 25 °C	Ω		22
Electrical Components			
Relay		9660.A. 149	MTRP 48
Pick-up	A	7.7	7.8
Drop-Out	A	6.5	6.65
Protector		MRP00AMK	T0425
Current/Time close	A/seg.	11.7	11.5
Open/Close temp.	°C	105/61	105/61
Start capacitor	μF/V	47-56/250	
Run capacitor	μF/V	---	
Oil Charge	cm ³	450	Type ISO VG22 (ESTER)

Dimensions and electrical diagrams



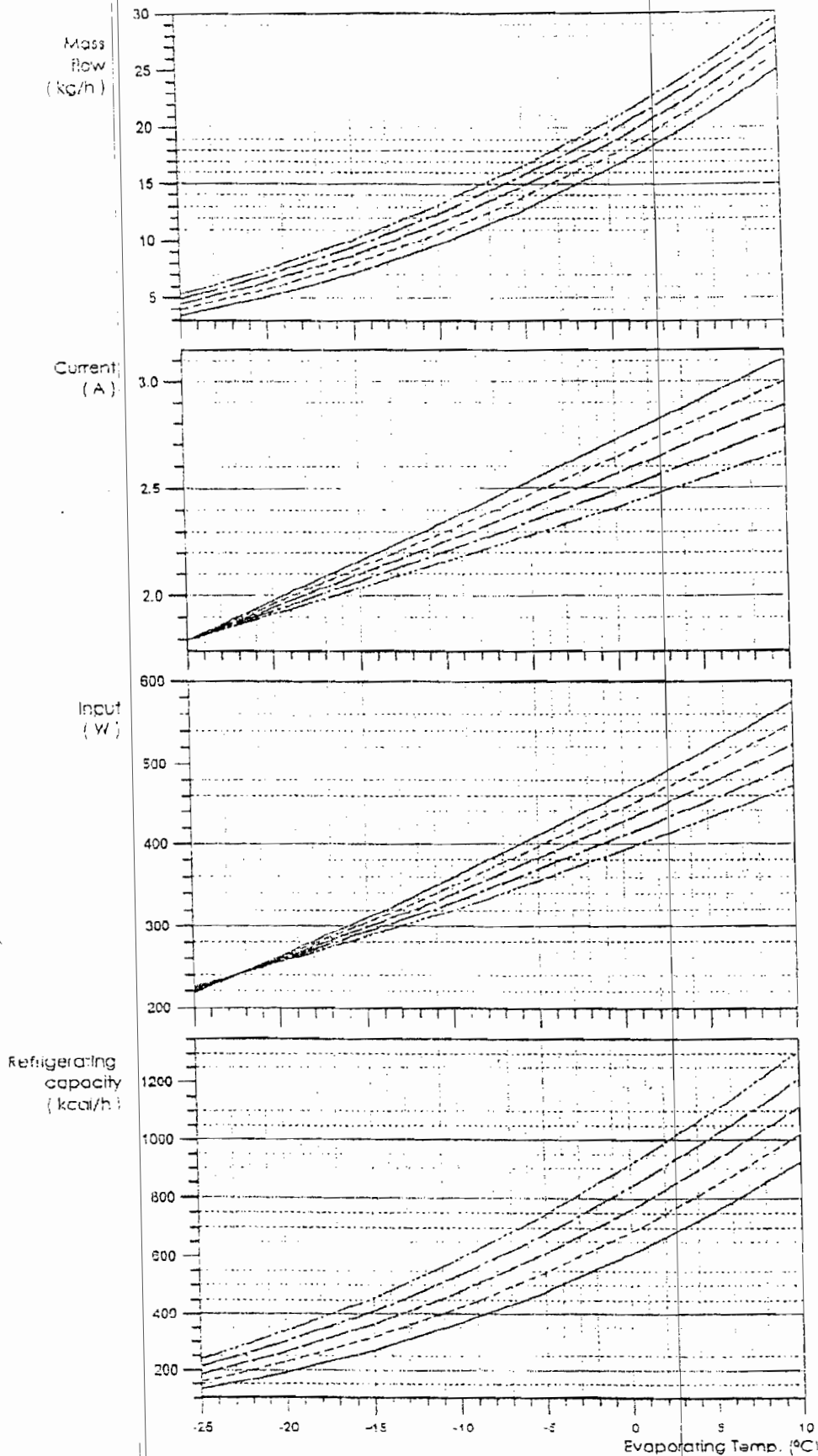
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MCMC
COMPRESSORS

GP14TB
220-240 V ~ 50 Hz
R134a HM-F VE01



220 V ~ 50 Hz

CONDENSING TEMPERATURE (°C)	
— · — · — ·	40
— — — — —	45
— · — · — ·	50
— — — — —	55
— · — · — ·	60

Liquid subcooled in 9 °C
Ambient and return gas temp. 35°C

۱۰ رتبه ۲۰۱۸

