

**PAERMA**  
**COMPRESSOR**

**CATALOGUE 2009/2010**  
**A/C COMPRESSOR**

**汽车空调压缩机**  
**样本2009/2010**



[WWW.PAERMA.COM](http://WWW.PAERMA.COM)

## OEM QUALITY AND BEST PRICE

Paerma with its dedicated and professional, committed to providing customers with low-cost high-performance compressors. With more than 30 years of experience in the production of machinery, we have Preparation of a compressor independent development capabilities and most parts of the self-supply capacity. For a special specification of the screw of compressor or cylinders' casting mould, we basically achieved self-development independent production, which is a lot of compressor enterprises do not have. Therefore, in the same situation Paerma is fully capable of Provide customers a competitive compressor.

The low-cost high-performance of our strategy is not to sacrifice quality for price, quality assurance contrary to the stability of our low-cost strategy is also an important link. With strong self-control ability so that we can have more than any other manufacturer of quality and cost control ability, which is the core competitiveness of Paerma.

Through six years of exploration and practice of Paerma, we have established a set of basic integrity of the system and logistic service scheduling system, in most part of Domestic market, we have ability to help OEM customers and users to solve the problem within 24 hours.

Growing Parma will always adhere to the " low-cost high-performance compressor supplier of the world" concept, to continuously work for comfortable travel for the people all over the world.

## 世界高性能价格比压缩机供应商

帕尔玛用其敬业与专业, 致力于为客户提供高性能价格比的压缩机。凭借30多年的机械产品生产经验, 我们具备了压缩机的自主开发能力和大部份零部件的自我供 产能。小到一枚特殊规格的螺丝大到压缩机缸体的压铸模具, 我们基本实现了自主开发自主生产, 这是很多压缩机企业所不具备的。所以在同样的情况下帕尔玛完全有能力为客户提供更高性价比的压缩机。

我们的高性能价格比战略并不是以牺牲品质为代价, 相反保证品质的稳定性也是我们低成本策略的重要环节。强大的自制能力使我们可以比其他厂商拥有更强的品质和成本控制能力, 这也是帕尔玛的核心竞争力。

通过6年的探索与实践帕尔玛在全国范围内基本建立起了一套完整的售后服务体系和货物调度系统, 在国内大部份地区基本实现24小时内服务到位, 为用户和配套企业使用帕尔玛压缩机解决了后顾之忧。

不断成长的帕尔玛将始终坚持 “世界高性能价格比压缩机供应商” 的理念, 矢志不渝的为提高人类旅行的舒适性而努力。



## 如何让客户更安心的使用帕尔玛压缩机？

### 1, 关键零部件的严格筛选：

#### 1) 离合器严格的检验程序

\* 离合器的静脱离扭据、跳动以及皮带轮和驱动盘之间的间隙进行全检。(如图对跳动的检验)

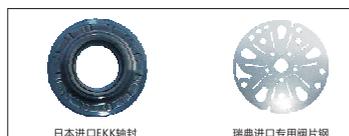


端面跳动控制在0.02mm以内  
窜动控制在0.15mm以内  
严格符合国际最严格的配套标准

\* 线圈进厂时抽检, 进行耐高压击穿试验, 确保批次质量。

2) 帕尔玛压缩机均使用日本原装进口的EKK轴封。减少了泄漏机率使压缩机更耐用。

3) 所有的吸排气阀片均采用直接从瑞典进口的专用阀片钢, 具有高抗疲劳强度。



日本进口EKK轴封

瑞典进口专用阀片钢



### 2, 全程的质量状态跟踪：

\* 每一台帕尔玛压缩机自缸体加工开始就刻有唯一永久性编号, 总装做到每台压缩机都有一张匹配跟踪单, 真实记录每一道工序的情况。

\* 每一台压缩机以编号为依据记录从生产到发货到保修的详细信息, 做到质量服务的可追溯。

### 3, 严格的检验控制手段：

\* 对进入装配流程的每个零部件都进行全检。

\* 每一台压缩机都从流水线下下来都经过跑合试验, 检查装配质量和零部件匹配精度。

\* 每100台我们抽5%~8%做测试。

\* 每年我们对各系列压缩机抽样进行连续1000小时的寿命测试。

**INDEX**

<b>Content</b>	<b>Pag.</b>
Application of Compressors	4-5
Identify Number of Compressor	6
Compressor For Bus A/C System	6
FKC40	7-9
PLM-65	11
PLM-48	12
PLM-43	12
PLM-38	13
PLM-32	14
PLM-27	15
PLM-26	16
PLM-22	17
Drawing of PLM-32 & PLM-22	18
The Difference Between TMc and TM	20
TMc-18	21
TMc-16	22-24
TMc-15	25-27
TMc-13	28-29
TMc-11	30
TMc-08	31
Drawing of TMc-11 & TMc-08	32
PKS Series	34-37
TC Series (R404a)	38-41
Fittings of TMc Series & PLM Series	42-43
Cylinder Head of TMc & PLM Series	44
Clutch of TMc Series & PLM Series	45
Other Parts of Compressors	46
10PAc Series	47-50
SF10 Series	51-54
7H&5H Series	55-60

**目录**

<b>内容</b>	<b>页面</b>
压缩机类别区分	4-5
压缩机识别码	6
客车空调使用的压缩机	6
FKC40	7-9
PLM-65	11
PLM-48	2
PLM-43	12
PLM-38	13
PLM-32	14
PLM-27	15
PLM-26	16
PLM-22	17
PLM-32和PLM-22的图纸	18
TMc和TM压缩机的区别	20
TMc-18	21
TMc-16	22-24
TMc-15	25-27
TMc-13	28-29
TMc-11	30
TMc-08	31
TMc-11和TMc-08的图纸	32
PKS 系列	34-37
TC 系列 (R404a)	38-41
TMc和PLM系列压缩机接头	42-43
TMc和PLM系列压缩机汽缸盖	44
TMc和PLM系列压缩机离合器	45
压缩机的其它配件	46
10PAc系列	47-50
SF10 系列	51-54
7H和5H系列	55-60



### FKC Series

- 1, FKC Compressors can replace BOCK FK 40 compressors.
- 2, The inside structure same as BOCK Fk40, compressor with more stability.
- 3, For bus from 8 metres to 9 metres.
- 4, Three different displacements : 470cc 560cc 650cc

### FKC 系列

- 1, FKC系列压缩机可以完全替代BOCK的FK系列压缩机。
- 2, 采用曲轴连杆结构, 保证压缩机的稳定性和耐用性。
- 3, 适用于8米到12米的客车空调。
- 4, 三种排量: 470cc 560cc 650cc



### PLM Series

- 1, 5 pistons 10 cylinders Swash Plate fixed displacement compressor.
- 2, Compressor is light , running more smoothly and lower power consumption.
- 3, For bus from 5 metres to 9 metres.
- 4, Ten different displacements : 217cc 257cc 272cc 313cc 350cc 370cc 441cc 487cc 560cc 650cc

### PLM 系列

- 1, 10汽缸定排量斜盘式压缩机。
- 2, 压缩机更轻; 运行更稳定, 更节能, 制冷速度更快。
- 3, 适用于5米到12米的客车空调。
- 4, 十种排量: 217cc 257cc 272cc 313cc 350cc 370cc 441cc 487cc 560cc 650cc



### TMc Series

- 1, New model to Replace TM compressor, 5 pistons 10 cylinders Swash Plate fixed displacement compressor .
- 2, Compare with TM: Compressor more lighter , running more smoothly and low power consumption.
- 3, For Car Truck and Heavy Duty.
- 4, Eight different displacements : 65cc 85cc 96cc 113cc 135cc 145cc 165cc 180cc

### TMc 系列

- 1, TM压缩机的换代产品, 10汽缸定排量斜盘式压缩机。
- 2, 比TM的优点: 压缩机更轻; 运行更稳定, 更节能, 制冷速度更快。
- 3, 适用于轿车, 卡车, 特种车辆的空调。
- 4, 八种排量: 65cc 85cc 96cc 113cc 135cc 145cc 165cc 180cc



### PKS Series

- 1, New model to Replace DKS compressor, 5 pistons 10 cylinders Swash Plate fixed displacement compressor .
- 2, Compare with TM: Compressor more light , running more smoothly and low power consumption.
- 3, For Car Truck and Heavy Duty.
- 4, Three different displacements : 135cc 145cc 165cc

### PKS 系列

- 1, DKS压缩机的换代产品, 10汽缸定排量斜盘式压缩机。
- 2, 比TM的优点: 压缩机更轻; 运行更稳定, 更节能, 制冷速度更快。
- 3, 适用于轿车, 卡车, 特种车辆的空调。
- 4, 三种排量: 135cc 145cc 165cc

R404a



### TC Series

- 1, Designed for R404a system, New model to replace THERMOKING XD Series.
- 2, Special design of oil pump and strong lubrication issue the compressor's long life.
- 3, All the components are special design for the high pressure of R404a working more stably.

### TC 系列

- 1, 适用于R404a系统的压缩机, Thermoking XD 系列的换代产品。
- 2, 独特的油泵设计, 强制润滑使压缩机使用寿命更长。
- 3, 各个零部件为R404a高压设计, 运行更稳定。

### 10Pac Series

- 1, The 10Pac compressor is an improved version of 10P type.
- 2, Displacement, depending on compressor type, between 100cc and 180cc.
- 3, Mail improved of 10PA series:
  - More compact
  - Reduced weight and noise reduction.
  - Improved shaft seal, reducing leakage.

### 10Pac 系列

- 1, 10Pac系列是10P系列的换代产品。
- 2, 能够提供从100cc到180cc多种排量的压缩机类型。
- 3, 主要的改进:
  - 外型更紧凑, 重量更轻。
  - 减少了运行噪音, 运行更平滑。
  - 改进的轴封设计, 减少了泄漏概率。



### SF 10 Series

- 1, New model to Replace FS 10 compressor, 5 pistons 10 cylinders Swash Plate fixed displacement compressor.
- 2, Compare with FS10: Compressor more light, running more smoothly and lack of noise and low power consumption.
- 3, Used for Car Truck and Heavy Duty.
- 4, Two different displacements: 155cc 170cc

### SF 10 系列

- 1, FS10压缩机的换代产品。
- 2, 比FS10的优点: 压缩机更轻; 运行更稳定, 更节能, 制冷速度更快。
- 3, 适用于轿车, 卡车, 特种车辆的空调。
- 4, 两种排量: 155cc 170cc



### 5H & 7H Series

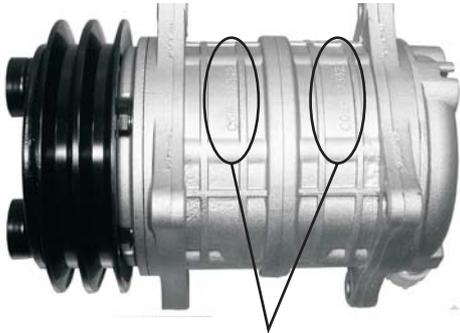
- 1, SDc compressors can replace SANDEN SD series compressors.
- 2, Used for Car Truck and Heavy Duty.
- 3, Six different displacements: 99cc 108cc 129cc 138cc 154cc 161cc

### 5H和7H系列

- 1, SDc压缩机可以完全替代三电系列压缩机。
- 2, 适用于轿车, 卡车, 特种车辆的空调。
- 3, 六种排量: 99cc 108cc 129cc 138cc 154cc 161cc



## Identify Number of PAERMA Compressor 帕尔玛压缩机的识别码



C08-07304

From the beginning of cylinder body processing, each PAERMA compressor all has permanent mark identification code. (On the bottom of the body) So we can record the size of each parts as well as matches mutually dimension. All after-sale service all abide this identification code.

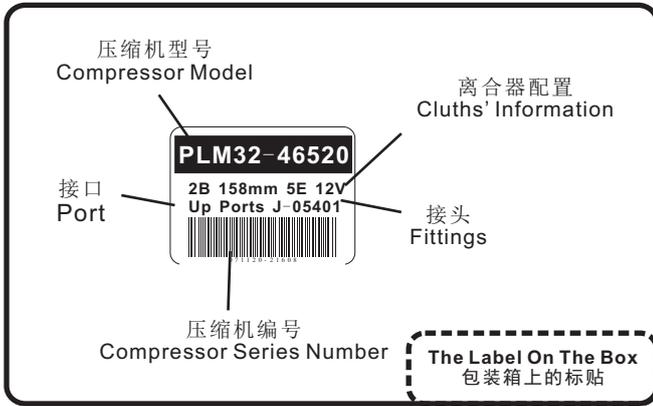
The identification code has two parts (e.g. chart) "c 08"; means in August, 2007 produces cylinder body. "07304" means the similar cylinder bodys' 07304 sets. All compressor front body and rear bodys' serial number is same, that means take the shape with a processing

To help customer identify the compressor and so on above the big displacement compressor to mark like "JP110708 in PLM32 the " meaning is compressor which in August, 2007 leaves our plant.

自缸体加工环节开始, 每一台帕尔玛压缩机都有一个永久标记的识别码(再缸体底部). 我们会记录下每一个零部件的尺寸以及相互匹配尺寸. 所有的保修服务都以此识别码为依据.

识别码有两部分组成(如图), "C08" 表示2007年8月生产的缸体, "07304" 表示同类缸体下线的7304套. 所有压缩机前缸和后缸的编号都是相同的, 表示同次加工成型.

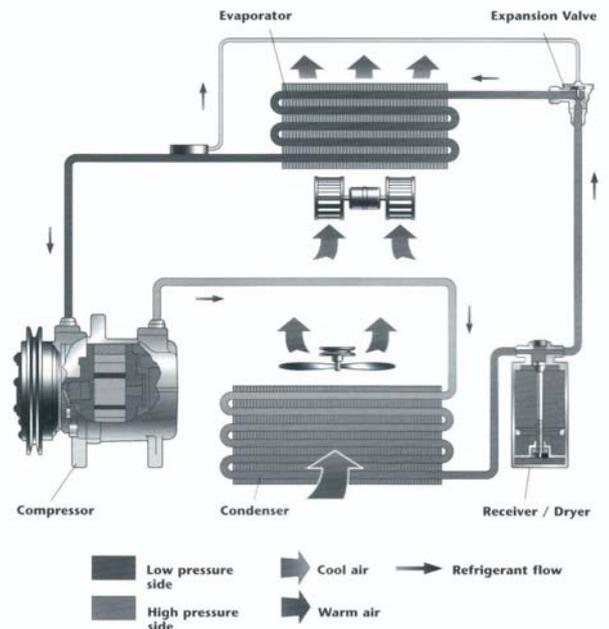
为便于用户识别我们在PLM-32等大排量压缩机的上面标记如 "JP110708" 意思为2007年8月出厂的压缩机.

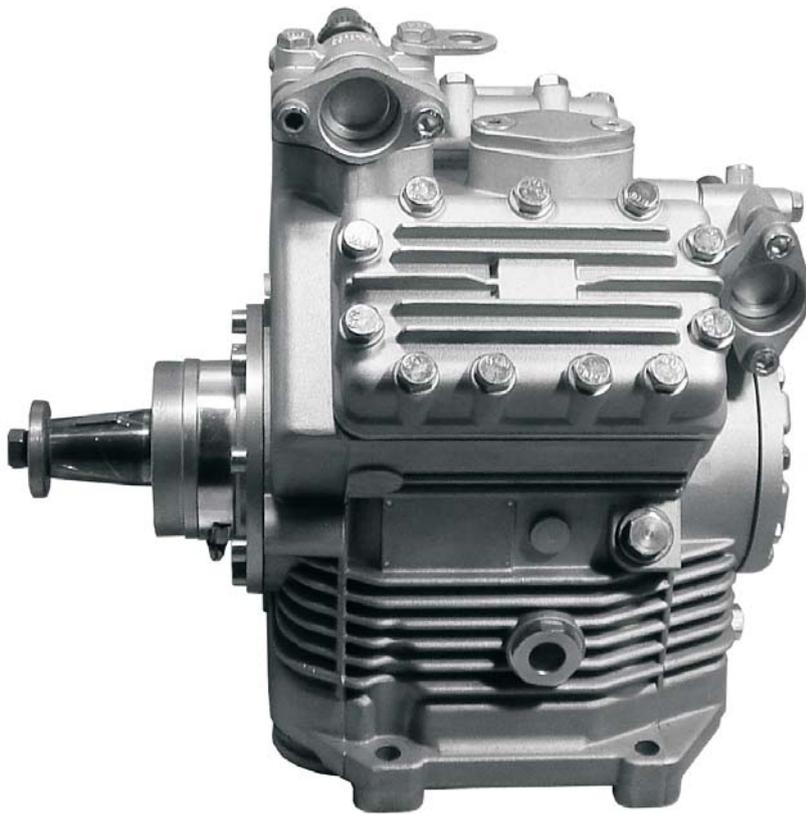


ABBREVIATIONS 缩写	
3E	3 Eye Armature 3眼橡胶吸盘
5E	5 Eye Armature 5眼橡胶吸盘
SL	Spring Leaf Armature 钢片吸盘
OH	Over Hang Clutch
SHD	Sealed Heavy Duty Clutch 带防尘罩的离合器
W/	With 带有
WO/	Without 不带有
S.P.	Service Ports 充注阀
PRESS.	Pressure Switch 压力开关
BOLT	Bolt Hole For Mounting Press Plate 安装压板的螺栓
HP	High Pressure 高压
LP	Low Pressure 低压
PV	Poly -V 多个V槽
CW	Clockwise 顺时针
CCW	Counter-Clockwise 逆时针
VG	1A or 1B or 1C

## Compressor For Bus A/C System 客车空调使用的压缩机

BUS车型	COMPRESSOR压缩机
 9m - 12m Bus	FKC40-650 FKC40-560 PLM-65 PLM-56
 8m - 9m Bus	FKC40-470 PLM-48 PLM-43
 6m - 8m Bus	PLM-38 PLM-35 PLM-32
 5m - 7m Bus	PLM-27 PLM-26 PLM-22 TMc-18





**FKC 40 Series**  
**Used For Bus And Train Air Condition**

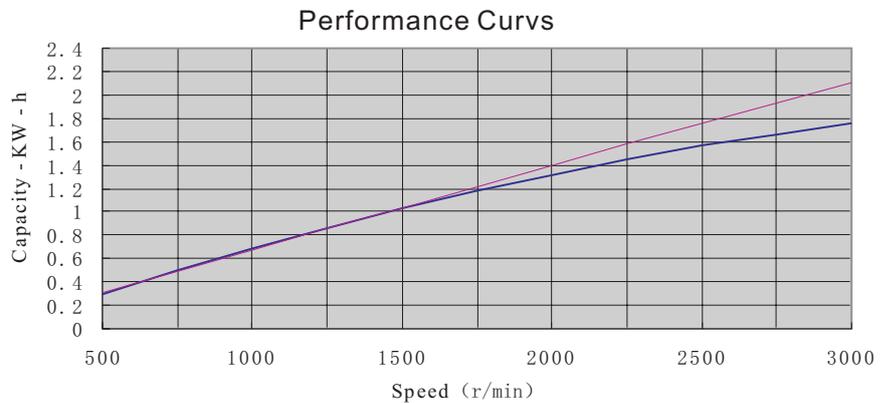
**FKC 40 系列**  
**客车空调使用的压缩机**

Refrigerant			
R134a	R404a	R12	R22
●	●	●	●

## FKC Compressor



FKC Compressor for Bus and Train Air Condition	
Available Versions	cm <sup>3</sup> /h (1450rpm)
FKC40 / 389K	33.5
FKC40 / 389N	33.5
FKC40 / 470K	40.5
FKC40 / 470N	40.5
FKC40 / 560K	48.3
FKC40 / 560N	48.3
FKC40 / 657K	56.6
FKC40 / 657N	56.6



Condition: ■ Refrigerant 134a ■ Suction Temperature 15°C ■ Q0: Cooling Capacity ■ Pe: Power Consumption ■ Speed :1450r/min

### Technical Date

	389K/390N	470K/470N	560K/560N	657K/657N
Number of cylinders / Bore / Stroke	4 / 50 mm / 49.5 mm	4 / 55 mm / 49.5 mm	4 / 60 mm / 49.5 mm	4 / 65 mm / 49.5 mm
Swept volume	389 cm <sup>3</sup>	470 cm <sup>3</sup>	560 cm <sup>3</sup>	657 cm <sup>3</sup>
Weight	33 kg	33 kg	33 kg	33 kg
Permissible range of rotation speeds	500 - 3500 1/min			
Connection suction line SV	28 mm - 1 1/8 "	28 mm - 1 1/8 "	35 mm - 1 3/8 "	35 mm - 1 3/8 "
Connection discharge line DV	22 mm - 7/8 "	22 mm - 7/8 "	28 mm - 1 1/8 "	35 mm - 1 3/8 "
Lubrication	Oil pump	Oil pump	Oil pump	Oil pump
Oil charge	2,0 Ltr.	2,0 Ltr.	2,0 Ltr.	2,0 Ltr.
Dimensions Length / Width / Height	385 / 325 / 370 mm			

### Lubrication Oil (R134a)

Supplier	CASTROL	MOBIL	ICI
Brand	Icematic SW68	EAL Arctic68	RL 68S
Type	POE	POE	POE

Refrigerant			
R134a	R404a	R12	R22
●	●	●	●

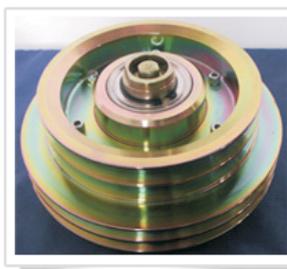
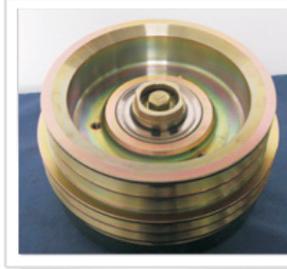
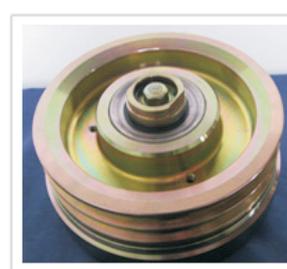
# PAERMA COMPRESSOR

Technical Date	470K/470N	560K/560N	657K/657N
Number of cylinders/Bore/Stroke	4/75mm/49.5mm	4/80mm/49.5mm	4/85mm/49.5mm
Weight	33kg	33kg	33kg
Connection suction line SV	28mm-1 1/8"	35mm-1 3/8"	35mm-1 3/8"
Lubrication	Oil pump	Oil pump	Oil pump
Dimensions Length/Width/Height	385/325/370mm	385/325/370mm	385/325/370mm

UNCONTROLLED DOCUMENT			
QTY	PART/ENG NUMBER	REV	COMPRESSOR ASSEMBLY
			DESCRIPTION
			MATERIAL SPEC
			WEIGHT
LIST OF MATERIAL			
<small>UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS AND ANGLES ARE IN DEGREES.</small>		<small>FOR REVISIONS, PLEASE REFER TO THE REVISION HISTORY SHEET.</small>	
<small>TOLERANCE PRECISION</small> <small>HOLE</small> <small>SHAFT</small> <small>FINISH</small>		<small>TITLE</small> <b>COMPRESSOR</b> <b>FKC49-470</b>	
<small>SCALE</small> <small>1:1</small>		<small>REV</small> <small>A</small>	
<small>SHEET 1 OF 1</small>			

## CLUTCH USED FOR BOCK AND BITZER COMPRESSOR

6FY SERIES

 6FY-2A2B (R)	 6FY-2A2B (L)	 6FY-2B			
 6FY	 7FY-2B	 7FY-2A2B			
Voltage <b>DC24V</b>	Electric Current <b>2.4-2.7A</b>	Resistance <b>9.3-10</b>	Power Consumption <b>60W</b>	Torque <b>≧ 350NM</b>	DonShift Speed <b>4000 r/min</b>

Used Worldwide For OEM  
广泛的应用于世界各国的原厂配套



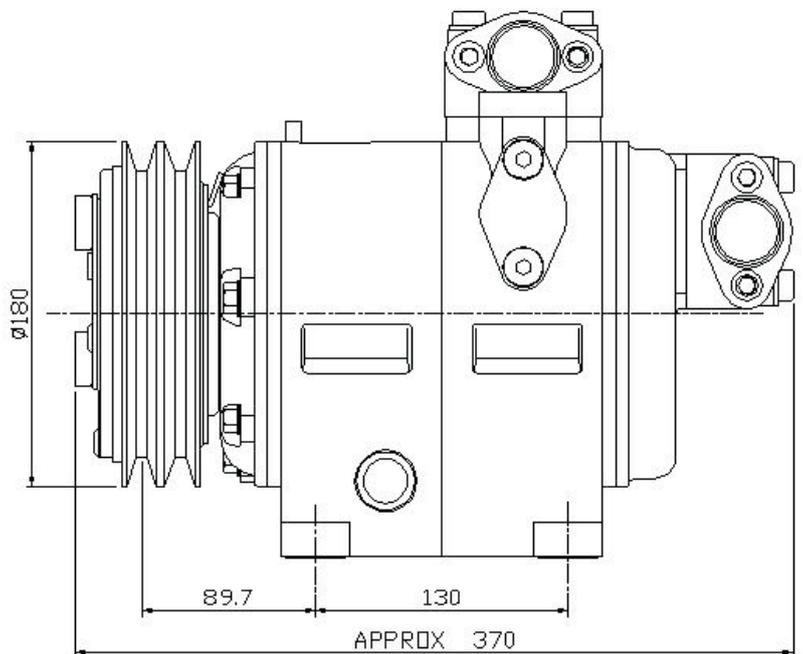
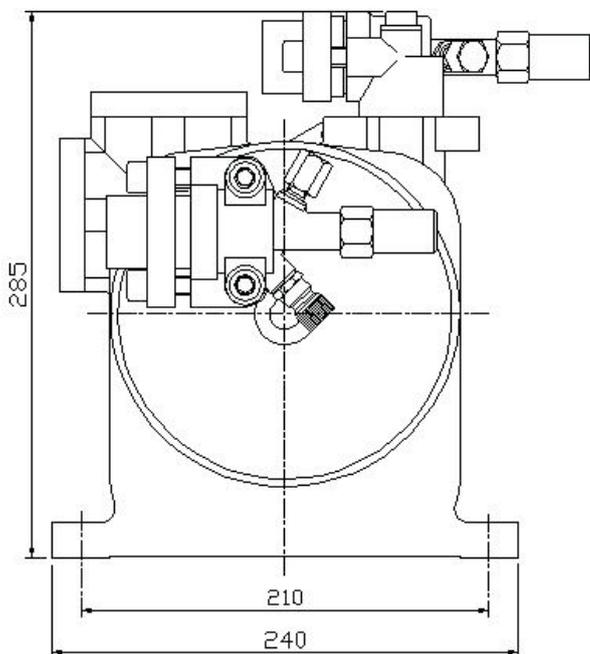
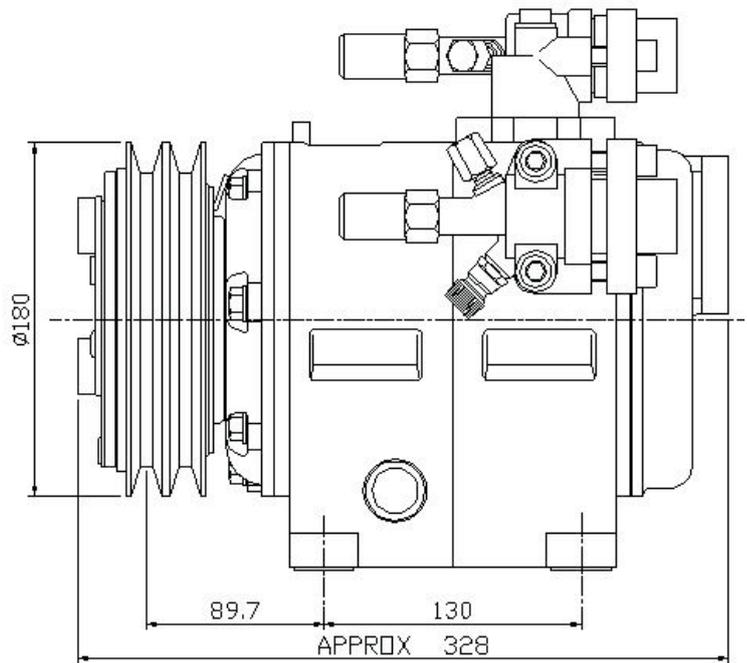
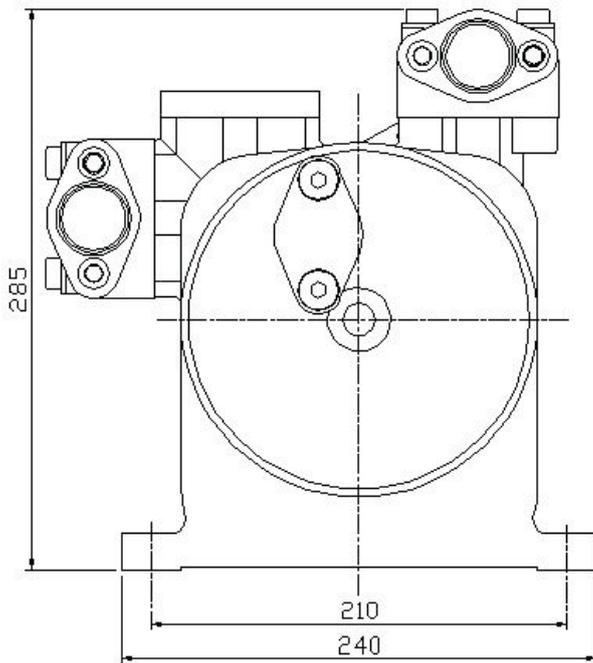
PLM Series  
Used For Bus Air Condition

PLM系列  
用于客车空调系统的压缩机

Refrigerant			
R134a	R404a	R12	R22
●		●	

## PLM-65压缩机的优点:

- 1, PLM-65压缩机, 采用7个活塞14个汽缸斜盘式定排量设计,
- 2, 安装尺寸和BOCK Fk40 压缩机完全相同,
- 3, 压缩机配上离合器提供给客户, 使用更方便,
- 4, 更轻的重量, 更强的制冷能力,
- 5, 更高的性价比.



# PAERMA COMPRESSOR

## PLM-48 PLM-43

Refrigerant			
R134a	R404a	R12	R22
●		●	

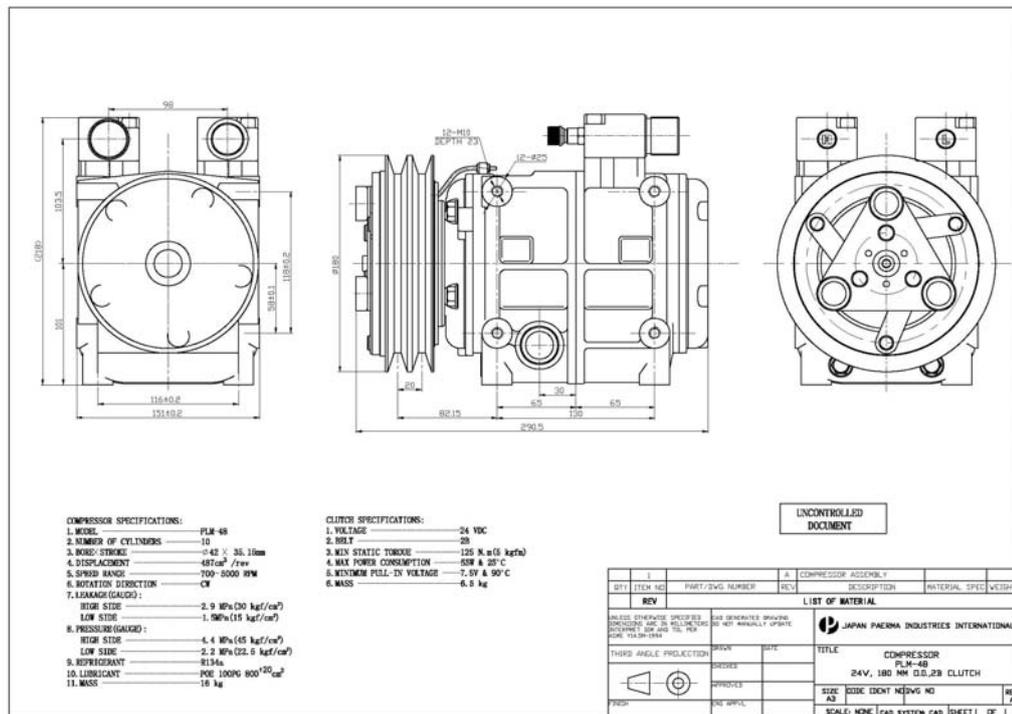
Specially design for front engine bus with big displacement, lower power consumption, high reliability, smaller and lighter.

专门为前置发动机设计的汽车空调压缩机，具有大排量、低能耗、高可靠性、体积小、质量轻等特点。



压缩机 Compressor	型号 Model	PLM-48	PLM-43
	每转排量 Displacement	487cc/r	441cc/r
	汽缸数 Number of Cylinder	10	10
	最大转速 DownShift Speed	6000 r/min	6000 r/min
	制冷剂 Refrigerant	R134a	R134a
润滑油 Lubrication Oil	POE 68PG or PAG	POE 68PG or PAG	
旋转方向 Rotation	Clockwise / Anticlockwise	Clockwise / Anticlockwise	
重量 Weight	16 KG	16 KG	
离合器 Clutch	额定电压 Voltage	12V/ 24V	12V/ 24V
	脱离扭矩 Breakaway	90 N.m	90 N.m
	消耗功率 Power Consumption	48	48
	重量 Weight	6.5	6.5

Drawing  
图纸



ASSEMBLY PAERMA PART NO.	COMPRESSOR 压缩机			FITTING 接头			CLUTCH 离合器			
	Type	Mount Style	Compressor Drawing	Fitting Type	Fitting Description	Fitting Drawing	Pulley Dia. (mm)	Pulley Type	Notes*	Voltage (V)
PLM43-502 PLM48-602	HD	Direct	G0004	Bolt	1-1/16 x 7/8	J-05410	180	2A	5E	12
PLM43-512 PLM48-612	HD	Direct	G0004	Bolt	1-1/16 x 7/8	J-05410	180	2A	5E	24
PLM43-522 PLM48-622	HD	Direct	G0004	Bolt	1-1/16 x 7/8	J-05410	180	2B	5E	12
PLM43-532 PLM48-632	HD	Direct	G0004	Bolt	1-1/16 x 7/8	J-05410	180	2B	5E	24
PLM43-542 PLM48-642	HD	Direct	G0004	Bolt	1-1/16 x 7/8	J-05410	180	8PV	5E	12
PLM43-552 PLM48-652	HD	Direct	G0004	Bolt	1-1/16 x 7/8	J-05410	180	8PV	5E	24

Refrigerant			
R134a	R404a	R12	R22
●		●	

# PAERMA COMPRESSOR

## THE PLM-38 FROM PAERMA

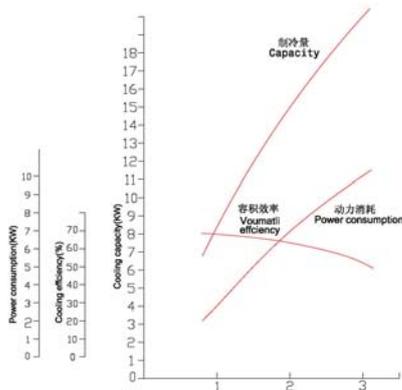


压缩机 Compressor	型号 Model	PLM-38
	每转排量 Displacement	370cc/r
	汽缸数 Number of Cylinder	10
	最大转速 DownShift Speed	6000 r/min
	制冷剂 Refrigerant	R134a
	润滑油 Lubrication Oil	POE 68PG or PAG
	旋转方向 Rotation	Clockwise / Anticlockwise
离合器 Clutch	额定电压 Voltage	12V/ 24V
	脱离扭矩 Breakaway	90 N.m
	消耗功率 Power Consumption	48
	重量 Weight	5.5

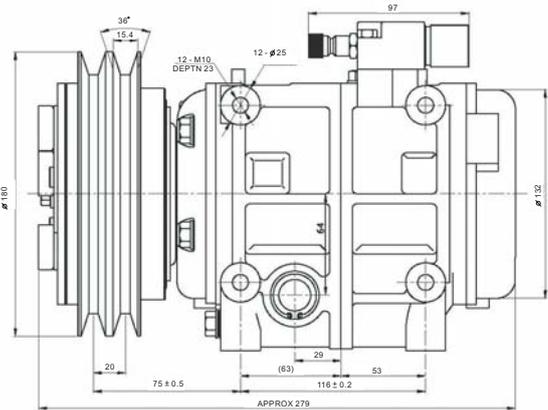
The installation dimension is same as TM-31

安装尺寸和TM31压缩机完全相同

The Performance Curve



The drawing

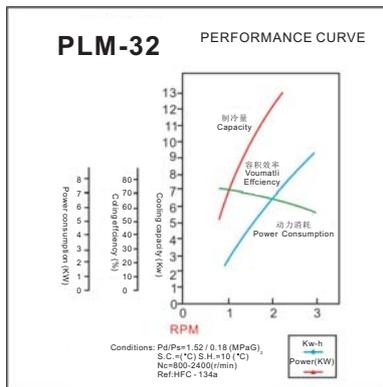


COMPRESSOR ASSEMBLY 组装			COMPRESSOR 压缩机			FITTING 接头			CLUTCH 离合器				
ICE Reference	PAERMA PART NO.	Seltec Reference	Type	Mount Style	Compressor Drawing	Fitting Type	Fitting Description	Fitting Drawing	Pulley Dia. (mm)	Pulley Type	Notes*	Voltage (V)	Clutch Drawing
N/A	PLM38-38001	N/A	HD	Direct	PLM-38 upports	Bolt	1-1/16 x 7/8	J-05401	158	2A	5E	12	Clutch-0165
N/A	PLM38-38002	N/A	HD	Direct	PLM-38 upports	Bolt	1-1/16 x 7/8	J-05401	158	2A	5E	24	Clutch-0164
N/A	PLM38-38003	N/A	HD	Direct	PLM-38 upports	Bolt	1-1/16 x 7/8	J-05401	158	2B	5E	12	Clutch-0166
N/A	PLM38-38004	N/A	HD	Direct	PLM-38 upports	Bolt	1-1/16 x 7/8	J-05401	158	2B	5E	24	Clutch-0167
N/A	PLM38-38005	N/A	HD	Direct	PLM-38 upports	Bolt	1-1/16 x 7/8	J-05401	156	8PV	5E	12	Clutch-0168
N/A	PLM38-38006	N/A	HD	Direct	PLM-38 upports	Bolt	1-1/16 x 7/8	J-05401	156	8PV	5E	24	Clutch-0169
N/A	PLM38-38013	N/A	HD	Direct	PLM-38 upports	Bolt	1-1/16 x 7/8	J-05401	180	B	5E	24	Clutch-0169
N/A	PLM38-38014	N/A	HD	Direct	PLM-38 upports	Bolt	1-1/16 x 7/8	J-05401	180	B	5E	12	Clutch-0169
N/A	PLM38-38007	N/A	HD	Direct	PLM-38 rearports	Rear Port 后出口			158	2A	5E	12	Clutch-0165
N/A	PLM38-38008	N/A	HD	Direct	PLM-38 rearports	Rear Port 后出口			158	2A	5E	24	Clutch-0164
N/A	PLM38-38009	N/A	HD	Direct	PLM-38 rearports	Rear Port 后出口			158	2B	5E	12	Clutch-0166
N/A	PLM38-38010	N/A	HD	Direct	PLM-38 rearports	Rear Port 后出口			158	2B	5E	24	Clutch-0167
N/A	PLM38-38011	N/A	HD	Direct	PLM-38 rearports	Rear Port 后出口			156	PV8	5E	12	Clutch-0168
N/A	PLM38-38012	N/A	HD	Direct	PLM-38 rearports	Rear Port 后出口			156	PV8	5E	24	Clutch-0169

# PAERMA COMPRESSOR

Refrigerant			
R134a	R404a	R12	R22
●		●	

## THE PLM-32 FROM PAERMA



<b>压缩机 Compressor</b>	型号 Model	<b>PLM-32</b>
	每转排量 Displacement	313cc/r
	汽缸数 Number of Cylinder	10
	最大转速 DownShift Speed	6000 r/min
	制冷剂 Refrigerant	R134a
	润滑油 Lubrication Oil	POE 68PG or PAG
	旋转方向 Rotation	Clockwise / Anticlockwise
<b>离合器 Clutch</b>	额定电压 Voltage	12V/ 24V
	脱离扭矩 Breakaway	90 N.m
	消耗功率 Power Consumption	48
	重量 Weight	4.5

PLM-32 can replace  
all rang of TM-31  
PLM-32能够完全替代TM31



COMPRESSOR ASSEMBLY			COMPRESSOR压缩机			FITTING接头			CLUTCH离合器				
ICE Reference	PAERMA PART NO.	Selttec Reference	Type	Mount Style	Compressor Drawing	Fitting Type	Fitting Description	Fitting Drawing	Pulley Dia. (mm)	Pulley Type	Notes*	Voltage (V)	Clutch Drawing
2521209	PLM32-46500	488-46500	HD	Direct	PLM-32 upports	Bolt	1-1/16 x 7/8	J-05401	158	2A	5E	12	Clutch-0165
2521210	PLM32-46510	488-46510	HD	Direct	PLM-32 upports	Bolt	1-1/16 x 7/8	J-05401	158	2A	5E	24	Clutch-0164
2521211	PLM32-46520	488-46520	HD	Direct	PLM-32 upports	Bolt	1-1/16 x 7/8	J-05401	158	2B	5E	12	Clutch-0166
2521212	PLM32-46530	488-46530	HD	Direct	PLM-32 upports	Bolt	1-1/16 x 7/8	J-05401	158	2B	5E	24	Clutch-0167
2521213	PLM32-46540	488-46540	HD	Direct	PLM-32 upports	Bolt	1-1/16 x 7/8	J-05401	156	8PV	5E	12	Clutch-0168
2521214	PLM32-46550	488-46550	HD	Direct	PLM-32 upports	Bolt	1-1/16 x 7/8	J-05401	156	8PV	5E	24	Clutch-0169
N/A	PLM32-32001	N/A	HD	Direct	PLM-32 upports	Bolt	1-1/16 x 7/8	J-05401	180	2B	5E	12	Clutch-1013
N/A	PLM32-32002	N/A	HD	Direct	PLM-32 upports	Bolt	1-1/16 x 7/8	J-05401	180	2B	5E	24	Clutch-1014
N/A	PLM32-32003	N/A	HD	Direct	PLM-32T27	Bolt	1-1/16 x 7/8	J-05401	168	2B	5E	12	Clutch-1015
N/A	PLM32-32004	N/A	HD	Direct	PLM-32T27	Bolt	1-1/16 x 7/8	J-05401	168	2B	5E	24	Clutch-1016
N/A	PLM32-32005	N/A	HD	Direct	PLM-32 upports	Bolt	1-1/16 x 7/8	J-05401	156	10PV	5E	12	
N/A	PLM32-32006	N/A	HD	Direct	PLM-32 upports	Bolt	1-1/16 x 7/8	J-05401	156	10PV	5E	24	
N/A	PLM32-56502	13-46500-RPC	HD	Direct	PLM-32 rearports	Rear Port 后出口			158	2A	5E	12	Clutch-0165
N/A	PLM32-56503	13-46510-RPC	HD	Direct	PLM-32 rearports	Rear Port 后出口			158	2A	5E	24	Clutch-0164
N/A	PLM32-56501	13-46520-RPC	HD	Direct	PLM-32 rearports	Rear Port 后出口			158	2B	5E	12	Clutch-0166
N/A	PLM32-56500	13-46530-RPC	HD	Direct	PLM-32 rearports	Rear Port 后出口			158	2B	5E	24	Clutch-0167
N/A	PLM32-56504	13-46540-RPC	HD	Direct	PLM-32 rearports	Rear Port 后出口			156	PV8	5E	12	Clutch-0168
N/A	PLM32-56505	13-46550-RPC	HD	Direct	PLM-32 rearports	Rear Port 后出口			156	PV8	5E	24	Clutch-0169
N/A	PLM32-56506	N/A	HD	Direct	PLM-32 rearports	Rear Port 后出口			158	B	5E	12	Clutch-1017
N/A	PLM32-56507	N/A	HD	Direct	PLM-32 rearports	Rear Port 后出口			158	B	5E	24	Clutch-1018

Refrigerant			
R134a	R404a	R12	R22
●		●	

# PAERMA COMPRESSOR

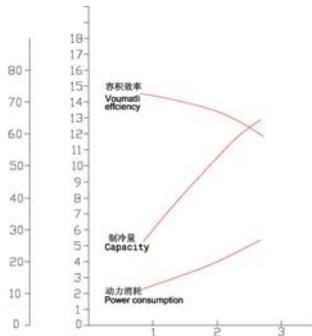
## THE PLM-27 FROM PAERMA



压缩机 Compressor	型号 Model	PLM-27
	每转排量 Displacement	272 cc/r
	汽缸数 Number of Cylinder	10
	最大转速 DownShift Speed	6000 r/min
	制冷剂 Refrigerant	R134a
	润滑油 Lubrication Oil	POE 68PG or PAG
	旋转方向 Rotation	Clockwise / Anticlockwise
离合器 Clutch	重量 Weight	KG
	额定电压 Voltage	12V/ 24V
	脱离扭矩 Breakaway	50 N.m
	消耗功率 Power Consumption	43
	重量 Weight	KG

PLM-27 is designed for Medium and Small Bus

PLM-27是专门为中小型客车设计的压缩机. 安装尺寸和TM21完全相同.



The installation dimension same as TM-21  
安装尺寸和TM21完全相同

COMPRESSOR ASSEMBLY 组装			COMPRESSOR 压缩机			FITTING 接头			CLUTCH 离合器				
ICE Reference	PAERMA PART NO.	Seltec Reference	Type	Mount Style	Compressor Drawing	Fitting Type	Fitting Description	Fitting Drawing	Pulley Dia. (mm)	Pulley Type	Notes*	Voltage (V)	Clutch Drawing
2521562	PLM27-27244	N/A	HD	Direct	PLM-27	Pad	H-Pad	H001	141	8PV	3E	12	Clutch-1001
2521563	PLM27-27246	N/A	HD	Direct	PLM-27	Pad	H-Pad	H001	141	8PV	3E	24	Clutch-1002
2521564	PLM27-27240	N/A	HD	Direct	PLM-27	Pad	H-Pad	H001	145	2A	3E	12	Clutch-1003
2521565	PLM27-27242	N/A	HD	Direct	PLM-27	Pad	H-Pad	H001	145	2A	3E	24	Clutch-1004
N/A	PLM27-27001	N/A	HD	Direct	PLM-27	Pad	H-Pad	H001	150	B1	3E	12	Clutch-1005
N/A	PLM27-27002	N/A	HD	Direct	PLM-27	Pad	H-Pad	H001	150	B1	3E	24	Clutch-1006
N/A	PLM27-27003	N/A	HD	Direct	PLM-27	Pad	H-Pad	H001	150	2B	3E	12	Clutch-1007
N/A	PLM27-27004	N/A	HD	Direct	PLM-27	Pad	H-Pad	H001	150	2B	3E	24	Clutch-1008
N/A	PLM27-27005	N/A	HD	Direct	PLM-27	Pad	H-Pad	H001	141	10PV	3E	12	Clutch-1030
N/A	PLM27-27006	N/A	HD	Direct	PLM-26	Pad	H-Pad	H001	141	10PV	3E	24	Clutch-1031

# PAERMA COMPRESSOR

Refrigerant			
R134a	R404a	R12	R22
●		●	

## THE PLM-26 FROM PAERMA



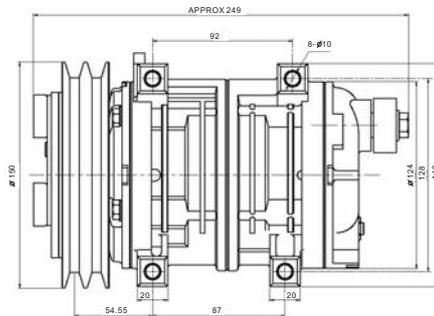
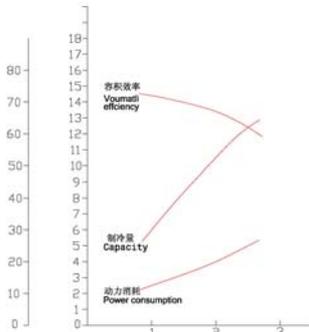
压缩机 Compressor	型号 Model	<b>PLM-26</b>
	每转排量 Displacement	257cc/r
	汽缸数 Number of Cylinder	10
	最大转速 DownShift Speed	6000 r/min
	制冷剂 Refrigerant	R134a
	润滑油 Lubrication Oil	POE 68PG or PAG
	旋转方向 Rotation	Clockwise / Anticlockwise
离合器 Clutch	额定电压 Voltage	12V/ 24V
	脱离扭矩 Breakaway	50 N.m
	消耗功率 Power Consumption	43
	重量 Weight	3

PLM-26 is designed for Medium and Small Bus

PLM-26是专门为中小型客车设计的压缩机. 安装尺寸和TM21完全相同.



The installation dimension same as TM-21



COMPRESSOR ASSEMBLY 组装			COMPRESSOR 压缩机			FITTING 接头			CLUTCH 离合器				
ICE Reference	PAERMA PART NO.	Seltec Reference	Type	Mount Style	Compressor Drawing	Fitting Type	Fitting Description	Fitting Drawing	Pulley Dia. (mm)	Pulley Type	Notes*	Voltage (V)	Clutch Drawing
2521562	PLM26- <b>26244</b>	N/A	HD	Direct	PLM-26	Pad	H-Pad	H001	141	8PV	3E	12	Clutch-1001
2521563	PLM26- <b>26246</b>	N/A	HD	Direct	PLM-26	Pad	H-Pad	H001	141	8PV	3E	24	Clutch-1002
2521564	PLM26- <b>26240</b>	N/A	HD	Direct	PLM-26	Pad	H-Pad	H001	145	2A	3E	12	Clutch-1003
2521565	PLM26- <b>26242</b>	N/A	HD	Direct	PLM-26	Pad	H-Pad	H001	145	2A	3E	24	Clutch-1004
N/A	PLM26- <b>26001</b>	N/A	HD	Direct	PLM-26	Pad	H-Pad	H001	150	B1	3E	12	Clutch-1005
N/A	PLM26- <b>26002</b>	N/A	HD	Direct	PLM-26	Pad	H-Pad	H001	150	B1	3E	24	Clutch-1006
N/A	PLM26- <b>26003</b>	N/A	HD	Direct	PLM-26	Pad	H-Pad	H001	150	2B	3E	12	Clutch-1007
N/A	PLM26- <b>26004</b>	N/A	HD	Direct	PLM-26	Pad	H-Pad	H001	150	2B	3E	24	Clutch-1008
N/A	PLM26- <b>26005</b>	N/A	HD	Direct	PLM-26	Pad	H-Pad	H001	141	10PV	3E	12	Clutch-1030
N/A	PLM26- <b>26006</b>	N/A	HD	Direct	PLM-26	Pad	H-Pad	H001	141	10PV	3E	24	Clutch-1031

Refrigerant			
R134a	R404a	R12	R22
●		●	

# PAERMA COMPRESSOR

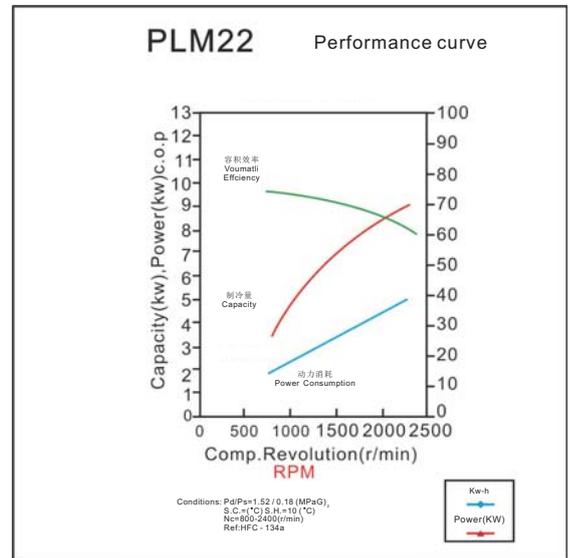
## THE PLM-22 FROM PAERMA



PLM22-26242

压缩机 Compressor	型号 Model	PLM-22
	每转排量 Displacement	214.7cc/r
	汽缸数 Number of Cylinder	10
	最大转速 DownShift Speed	6000 r/min
	制冷剂 Refrigerant	R134a
	润滑油 Lubrication Oil	POE 68PG or PAG
	旋转方向 Rotation	Clockwise / Anticlockwise
离合器 Clutch	额定电压 Voltage	12V/ 24V
	脱离扭矩 Breakaway	50 N.m
	消耗功率 Power Consumption	43
	重量 Weight	3

PLM-22能够完全替代TM21  
PLM-22 can replace  
all rang of TM-21

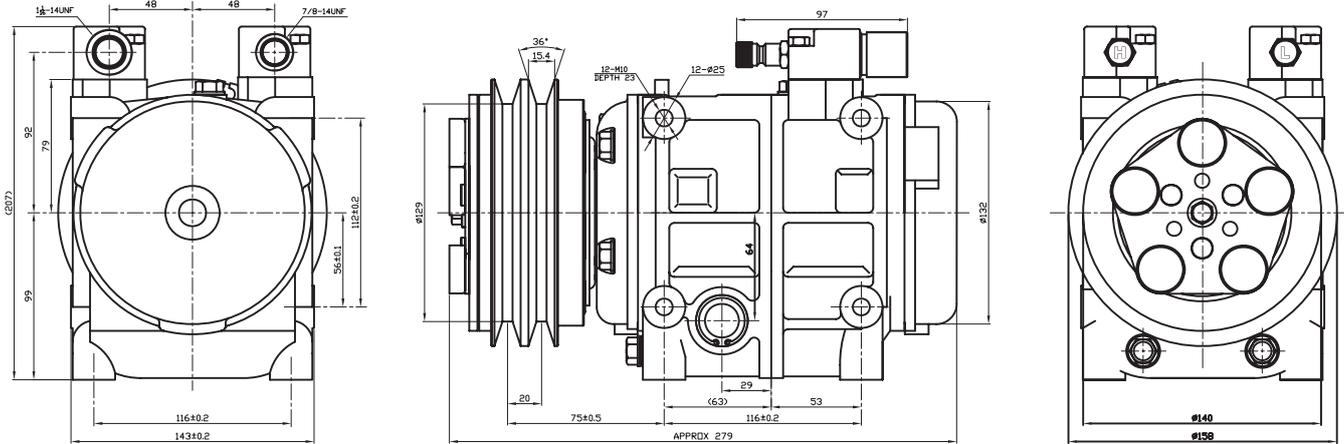


COMPRESSOR ASSEMBLY 组装			COMPRESSOR 压缩机			FITTING 接头			CLUTCH 离合器				
ICE Reference	PAERMA PART NO.	Seltec Reference	Type	Mount Style	Compressor Drawing	Fitting Type	Fitting Description	Fitting Drawing	Pulley Dia. (mm)	Pulley Type	Notes*	Voltage (V)	Clutch Drawing
2521562	PLM22-47244	N/A	HD	Direct	PLM-22	Pad	H-Pad	H001	141	8PV	3E	12	Clutch-1001
2521563	PLM22-47246	N/A	HD	Direct	PLM-22	Pad	H-Pad	H001	141	8PV	3E	24	Clutch-1002
2521564	PLM22-47240	N/A	HD	Direct	PLM-22	Pad	H-Pad	H001	145	2A	3E	12	Clutch-1003
2521565	PLM22-47242	N/A	HD	Direct	PLM-22	Pad	H-Pad	H001	145	2A	3E	24	Clutch-1004
N/A	PLM22-22001	N/A	HD	Direct	PLM-22	Pad	H-Pad	H001	150	B1	3E	12	Clutch-1005
N/A	PLM22-22002	N/A	HD	Direct	PLM-22	Pad	H-Pad	H001	150	B1	3E	24	Clutch-1006
N/A	PLM22-22003	N/A	HD	Direct	PLM-22	Pad	H-Pad	H001	150	2B	3E	12	Clutch-1007
N/A	PLM22-22004	N/A	HD	Direct	PLM-22	Pad	H-Pad	H001	150	2B	3E	24	Clutch-1008
N/A	PLM22-22005	N/A	HD	Direct	PLM-22	Pad	H-Pad	H001	141	10PV	3E	12	Clutch-1030
N/A	PLM22-22006	N/A	HD	Direct	PLM-22	Pad	H-Pad	H001	141	10PV	3E	24	Clutch-1031

# PAERMA COMPRESSOR

Refrigerant			
R134a	R404a	R12	R22
●		●	

## THE DRAWING OF PLM-32



### COMPRESSOR SPECIFICATIONS:

- MODEL ----- PLM-32
- NUMBER OF CYLINDERS ----- 10
- BOROX STROKE -----  $\varnothing 36 \times 30.7$ mm
- DISPLACEMENT -----  $313 \text{ cm}^3 / \text{rev}$
- SPEED RANGE ----- 700~6000 RPM
- ROTATION DIRECTION ----- CW OR CCW
- LEAKAGE (GAUGE):  
HIGH SIDE ----- 2.9 MPa (30 kgf/cm<sup>2</sup>)  
LOW SIDE ----- 1.5 MPa (15 kgf/cm<sup>2</sup>)
- PRESSURE (GAUGE):  
HIGH SIDE ----- 4.4 MPa (45 kgf/cm<sup>2</sup>)  
LOW SIDE ----- 2.2 MPa (22.5 kgf/cm<sup>2</sup>)
- REFRIGERANT ----- R134a
- LUBRICANT ----- POE 100PG 500<sup>120</sup>cm<sup>3</sup>
- MASS ----- 10.7 kg

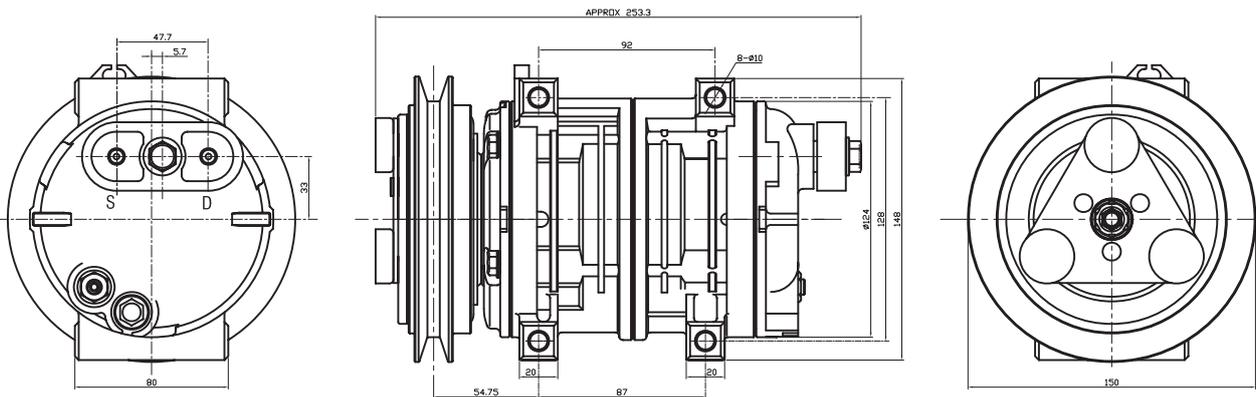
### CLUTCH SPECIFICATIONS:

- VOLTAGE ----- 24 VDC
- BELT ----- 2B
- MIN STATIC TORQUE ----- 78 N.m (8 kgfm)
- MAX POWER CONSUMPTION ----- 46W & 25°C
- MINIMUM PULL-IN VOLTAGE ----- 21V & 90°C
- MASS ----- 4.8 kg

UNCONTROLLED  
DOCUMENT

QTY	ITEM NO	PART/DWG NUMBER	REV	DESCRIPTION	MATERIAL SPEC	WEIGHT
	1	46530	A	COMPRESSOR ASSEMBLY		
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS INTERPRET DIM AND TOL PER ASME Y14.5M-1994		CAD GENERATED DRAWING DO NOT MANUALLY UPDATE		JAPAN PAERMA INDUSTRIES INTERNATIONAL		
THIRD ANGLE PROJECTION	DRAWN	DATE	TITLE			
	CHECKED		COMPRESSOR PLM-32 24V, 158 MM O.D., 2B CLUTCH			
FINISH	APPROVED		SIZE	CODE IDENT	NO/DWG NO	REV
	ENG APPVL		A3		46530	A
			SCALE: NONE	CAD SYSTEM: CAD	SHEET 1	OF 1

## THE DRAWING OF PLM-22



### COMPRESSOR SPECIFICATIONS:

- MODEL ----- PLM22
- NUMBER OF CYLINDERS ----- 10
- BOROX STROKE -----  $\varnothing 32 \times 26.9$ mm
- DISPLACEMENT -----  $212 \text{ cm}^3 / \text{rev}$
- SPEED RANGE ----- 700~6000 RPM
- ROTATION DIRECTION ----- CW OR CCW
- LEAKAGE (GAUGE):  
HIGH SIDE ----- 2.9 MPa (30 kgf/cm<sup>2</sup>)  
LOW SIDE ----- 1.5 MPa (15 kgf/cm<sup>2</sup>)
- PRESSURE (GAUGE):  
HIGH SIDE ----- 4.4 MPa (45 kgf/cm<sup>2</sup>)  
LOW SIDE ----- 2.2 MPa (22.5 kgf/cm<sup>2</sup>)
- REFRIGERANT ----- R134a
- LUBRICANT ----- POE 100PG 250<sup>120</sup>cm<sup>3</sup>
- MASS ----- 5.1 kg

### CLUTCH SPECIFICATIONS:

- VOLTAGE ----- 24 VDC
- BELT ----- 1B
- MIN STATIC TORQUE ----- 49 N.m (5 kgfm)
- MAX POWER CONSUMPTION ----- 45W & 25°C
- MINIMUM PULL-IN VOLTAGE ----- 21V & 90°C
- MASS ----- 2.25 kg

UNCONTROLLED  
DOCUMENT

QTY	ITEM NO	PART/DWG NUMBER	REV	DESCRIPTION	MATERIAL SPEC	WEIGHT
	1	22002	A	COMPRESSOR ASSEMBLY		
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS INTERPRET DIM AND TOL PER ASME Y14.5M-1994		CAD GENERATED DRAWING DO NOT MANUALLY UPDATE		JAPAN PAERMA INDUSTRIES INTERNATIONAL		
THIRD ANGLE PROJECTION	DRAWN	DATE	TITLE			
	CHECKED		COMPRESSOR PLM22 24V, 150 MM O.D., 1B CLUTCH			
FINISH	APPROVED		SIZE	CODE IDENT	NO/DWG NO	REV
	ENG APPVL		A3		22002	A
			SCALE: NONE	CAD SYSTEM: CAD	SHEET 1	OF 1

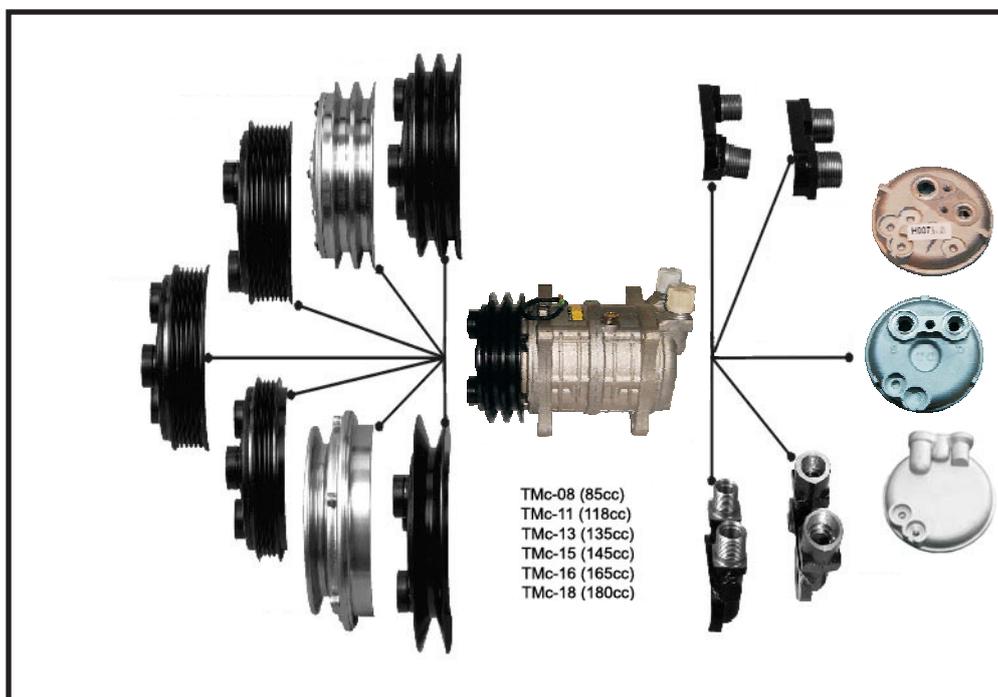
## NEW MODEL TO REPLACE TM COMPRESSORS

## TM 压缩机的全新换代产品



TM c Series  
Used For Car and Truck Air Condition

**TMc 系列**  
用于轿车、卡车和特种车辆空调系统的压缩机



Refrigerant			
R134a	R404a	R12	R22
●		●	

## THE DIFFERENCE BETWEEN TMc-16 AND TM 16

### ... IMPROVED NOW

1, TMc-16/15/13/08 are 10 cylinder swash plate type compressor with fixed displacement, but TM compressor only 6 cylinder. So TMc-16/15/13/08 is improved interior cooling and noise reduction by using internal muffler.

2, TMc-16/15/13/08 reduce in size and weight.

3, Changed displacement:

PAERMA		SELTEC	
Model	Displacement	Model	Displacement
TMc-16	165cc	TM 16	163cc
TMc-15	145cc	TM 15	147cc
TMc-13	135cc	TM 13	131cc
TMc-08	86cc	TM 08	82cc

### ... SAME APPLICATION

TMc-16/15/13/08 are almost same as TM, the function are same, the installation size are same. So customer can change TM compressor to new model easily.

## TMc-16 和 TM 16 的区别

### ...多方面的改进

1, TMc-16/15/13/08 是10汽缸斜盘式定排量压缩机, 相对于TM系列的6汽缸, 排气更均衡, 制冷速度更快, 制冷效果更好, 运行时更低的噪音.

2, TMc-16/15/13/08 在尺寸方面更小, 重量更轻.

3, 在排量上分布更合理:

帕尔玛压缩机		SELTEC压缩机	
型号	排量	型号	排量
TMc-16	165cc	TM 16	163cc
TMc-15	145cc	TM 15	147cc
TMc-13	135cc	TM 13	131cc
TMc-08	86cc	TM 08	82cc

### ...一样的使用

TMc-16/15/13/08 压缩机和 TM 系列基本相同, 一样的安装尺寸, 一样的接口方式, 离合器和接头的完全可互换, 这样便于用户更换压缩机.

Refrigerant			
R134a	R404a	R12	R22
●		●	

# PAERMA COMPRESSOR

## THE TMc-18 FROM PAERMA



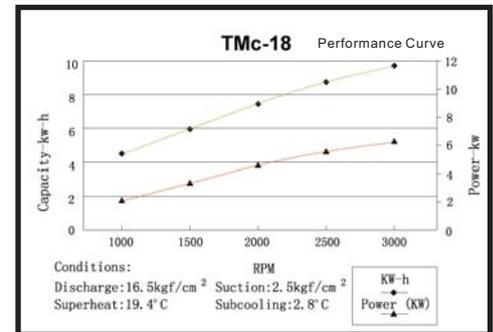
压缩机 Compressor	型号 Model	<b>TMc-18</b>
	每转排量 Displacement	180cc/r
	汽缸数 Number of Cylinder	10
	最大转速 DownShift Speed	6000 r/min
	制冷剂 Refrigerant	R134a
	润滑油 Lubrication Oil	POE 68PG or PAG
	旋转方向 Rotation	Clockwise / Anticlockwise
离合器 Clutch	重量 Weight	4.6 KG
	额定电压 Voltage	12V/ 24V
	脱离扭矩 Breakaway	49 N.m
	消耗功率 Power Consumption	45
重量 Weight	2.3	

TMc-18是专门为MPV和重载车辆设计的，能满足更多制冷量的需求。

TMc-18的安装尺寸和TM16完全相同，便于安装,通用性强。

TMc-18 is designed for MPV and Heavy Duty

The installation dimension same as TM-16



COMPRESSOR ASSEMBLY			COMPRESSOR 压缩机			FITTING 接头			CLUTCH 离合器				
ICE Reference	PAERMA PART NO.	Seltec Reference	Type	Mount Style	Compressor Drawing	Fitting Type	Fitting Description	Fitting Drawing	Pulley Dia (mm)	Pulley Type	Notes*	Voltage (V)	Clutch Drawing
N/A	<b>TMc18-88011</b>	N/A	HD	Ear	G1202-180	Bolt	V - 3/4 X 7/8	J-05440	135	2A	3E	12	Clutch-0151
N/A	<b>TMc18-88015</b>	N/A	HD	Ear	G1202-180	Bolt	V - 3/4 X 7/8	J-05440	135	2A	3E	24	Clutch-0150
N/A	<b>TMc18-88021</b>	N/A	HD	Ear	G1202-180	Monolithic	V - 3/4 X 7/8	H002	135	2A	3E	12	Clutch-0151
N/A	<b>TMc18-88056</b>	N/A	HD	Ear	G1202-180	Monolithic	V - 3/4 X 7/8	H002	135	2A	3E	24	Clutch-0150
N/A	<b>TMc18-88120</b>	N/A	HD	Ear	G1202-180	Bolt	V - 3/4 X 7/8	J-05440	123	8PV	3E	12	Clutch-0155
N/A	<b>TMc18-88121</b>	N/A	HD	Ear	G1202-180	Monolithic	V - 3/4 X 7/8	H002	123	8PV	3E	12	Clutch-0155
N/A	<b>TMc18-88122</b>	N/A	HD	Ear	G1202-180	Bolt	H - 3/4 X 7/8	J-05442	123	8PV	3E	12	Clutch-0155
N/A	<b>TMc18-88210</b>	N/A	HD	Ear	G1202-180	Pad	H - Pad	H001	135	2A	3E	12	Clutch-0151
N/A	<b>TMc18-88212</b>	N/A	HD	Ear	G1202-180	Pad	H - Pad	H001	135	2A	3E	24	Clutch-0150
N/A	<b>TMc18-88234</b>	N/A	HD	Ear	G1202-180	Pad	H - Pad	H001	123	8PV	3E	12	
N/A	<b>TMc18-88036</b>	N/A	HD	Ear	G1202-180	Bolt	H - 3/4 X 7/8	J-05442	125	2A	SL	12	Clutch-0159
N/A	<b>TMc18-88123</b>	N/A	HD	Ear	G1202-180	Bolt	H - 3/4 X 7/8	J-05442	123	8PV	SL	24	Clutch-0156
N/A	<b>TMc18-88125</b>	N/A	HD	Ear	G1202-180	Bolt	V - 3/4 X 7/8	J-05440	123	8PV	SL	24	Clutch-0156
N/A	<b>TMc18-88321</b>	N/A	HD	Ear	G1202-180	Monolithic	V - 3/4 X 7/8	H002	135	2A	SL	12	Clutch-0157
N/A	<b>TMc18-88141</b>	N/A	HD	Ear	G1202-180	Monolithic	V - 3/4 X 7/8	H002	123	8PV	SL	12	Clutch-0162

# PAERMA COMPRESSOR

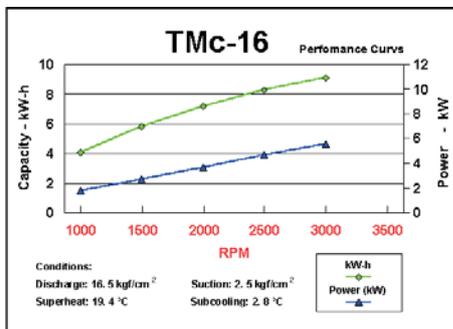
NEW MODEL  
TO REPLACE TM 16

Refrigerant			
R134a	R404a	R12	R22
●		●	

## THE TMc-16 FROM PAERMA



压缩机 Compressor	型号 Model	<b>TMc-16</b>
	每转排量 Displacement	165cc/r
	汽缸数 Number of Cylinder	10
	最大转速 DownShift Speed	6000 r/min
	制冷剂 Refrigerant	R134a
	润滑油 Lubrication Oil	POE 68PG or PAG
离合器 Clutch	旋转方向 Rotation	Clockwise / Anticlockwise
	重量 Weight	4.6 KG
	额定电压 Voltage	12V/ 24V
	脱离扭矩 Breakaway	49 N.m
	消耗功率 Power Consumption	45
	重量 Weight	2.3

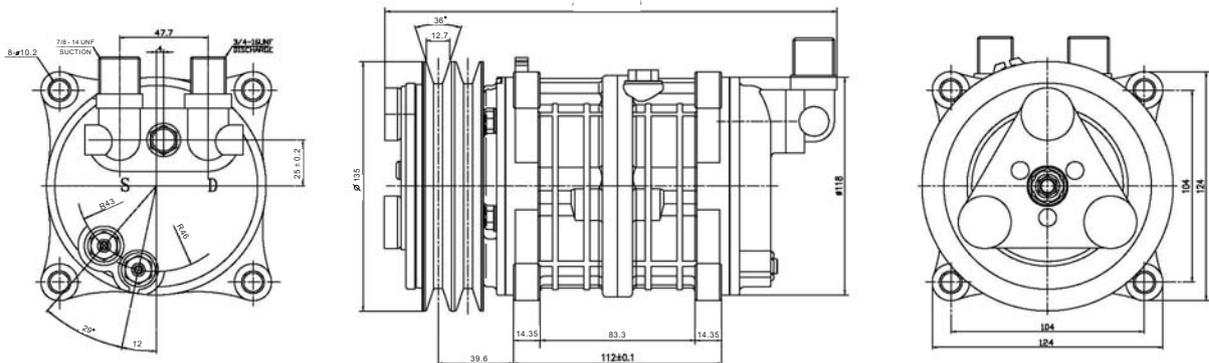


### IMPROVED NOW

- 1, Outlook is similar with TM.
- 2, Long life design: Improved ball shoe and gas kits.
- 3, More strong casting body.
- 4, All installation size is same as TM.
- 5, Oil Type: POE oil or PAG oil also.
- 6, 10 cylinders more better than 6 cylinder, the discharge will more smooth and the cooling capacity will more better.

### 全新改进

- 1, 外观更像 TM 压缩机。
- 2, 长寿命设计: 改进了球靴和阀片。
- 3, 更坚固的压缩机缸体。
- 4, 和 TM 压缩机完全一样的安装尺寸。
- 5, 能够同时适用于 POE 和 PAG 冷冻油
- 6, 独特的 10 汽缸设计比 6 汽缸的压缩机运行起来更平顺制冷效果更好



#### COMPRESSOR SPECIFICATIONS:

1. MODEL: TMc-16
2. NUMBER OF CYLINDERS: 10
3. BORE X STROKE:  $\varnothing 31 \times 21.8\text{mm}$
4. DISPLACEMENT: 165cc<sup>3</sup>/rev
5. SPEED RANGE: 700~6000 RPM
6. ROTATION DIRECTION: CW OR CCW
7. LEAKAGE (GAUGE):  
HIGH SIDE: 2.9 MPa (30 kgf/cm<sup>2</sup>)  
LOW SIDE: 1.5 MPa (15 kgf/cm<sup>2</sup>)
8. PRESSURE (GAUGE):  
HIGH SIDE: 4.4 MPa (45 kgf/cm<sup>2</sup>)  
LOW SIDE: 2.2 MPa (22.5 kgf/cm<sup>2</sup>)
9. REFRIGERANT: R134a
10. LUBRICANT: POE 100PG 180<sup>100</sup>cm<sup>2</sup>
11. MASS: 4.6 kg

#### CLUTCH SPECIFICATIONS:

1. VOLTAGE: 24 VDC
2. BELT: 2A
3. MIN STATIC TORQUE: 49 N.m (5 kgfm)
4. MAX POWER CONSUMPTION: 45W @ 25 °C
5. MINIMUM PULL-IN VOLTAGE: 17.5V @ 90 °C
6. MASS: 2.3 kg

UNCONTROLLED  
DOCUMENT

QTY	ITEM NO	PART/DWG NUMBER	REV	DESCRIPTION	MATERIAL SPEC	WEIGHT
	1	46015	A	COMPRESSOR ASSEMBLY		
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS INTERPRET DIM AND TOL PER ASME Y14.5M-1994		CAD GENERATED DRAWING DO NOT MANUALLY UPDATE		www.PAERMA.COM		
THIRD ANGLE PROJECTION		DRAWN DATE		TITLE		
CHECKED		APPROVED		COMPRESSOR TMc-16 24V, 135 MM O.D., 2A CLUTCH		
FINISH		ENG APPVL		SIZE	CODE IDENT	NO
				A3		46015
				SCALE: NONE	CAD SYSTEM CAD	SHEET   DF

Refrigerant			
R134a	R404a	R12	R22
●		●	

NEW MODEL  
TO REPLACE TM 16

**PAERMA**  
COMPRESSOR

## TMc-16 PART NUMBER

COMPRESSOR ASSEMBLY 组装机			COMPRESSOR 压缩机			FITTING 接头			CLUTCH 离合器				
ICE Reference	PAERMA PART NO.	Seltec Reference	Type	Mount Style	Compressor Drawing	Fitting Type	Fitting Description	Fitting Drawing	Dia. (mm)	Pulley Type	Note s*	(V)	Clutch Drawing
2521180	TMc16-46011	435-56011	HD	Ear	G1202-165	Bolt	V - 3/4 X 7/8	J-05440	135	2A	3E	12	Clutch-0151
2521181	TMc16-46015	435-56015	HD	Ear	G1202-165	Bolt	V - 3/4 X 7/8	J-05440	135	2A	3E	24	Clutch-0150
2521182	TMc16-46017	435-56017	HD	Ear	G1202-165	Bolt	H - 3/4 X 7/8	J-05442	135	2A	3E	24	Clutch-0150
2521183	TMc16-46018	435-56018	HD	Ear	G1202-165	Bolt	V - 3/4 X 7/8	J-05440	125	2A	SL	12	Clutch-0159
2521184	TMc16-46019	435-56019	HD	Ear	G1202-165	Bolt	V - 3/4 X 7/8	J-05440	123	6PV	3E	12	Clutch-0144
2521185	TMc16-46021	435-56021	HD	Ear	G1202-165	Monolithic	V - 3/4 X 7/8	H002	135	2A	3E	12	Clutch-0151
2521186	TMc16-46030	435-56030	HD	Ear	G1202-165	Bolt	H - 3/4 X 7/8	J-05442	135	2A	3E	12	Clutch-0151
2521187	TMc16-46043	435-56043	HD	Ear	G1202-165	Monolithic	V - 3/4 X 7/8	H002	125	2A	SL	12	Clutch-0159
2521189	TMc16-46056	435-56056	HD	Ear	G1202-165	Monolithic	V - 3/4 X 7/8	H002	135	2A	3E	24	Clutch-0150
2521190	TMc16-46057	435-56057	HD	Ear	G1202-165	Monolithic	V - 3/4 X 7/8	H002	159	VG	3E	24	Clutch-0149
2521192	TMc16-46061	435-56061	HD	Ear	G1202-165	Bolt	V - 3/4 X 7/8	J-05440	159	VG	3E	24	Clutch-0149
2521193	TMc16-46065	435-56065	HD	Ear	G1202-165	Bolt	V - 3/4 X 7/8	J-05440	159	VG	3E	12	Clutch-0148
2521194	TMc16-46073	435-56073	HD	Ear	G1202-165	Bolt	H - 3/4 X 7/8	J-05442	159	VG	3E	24	Clutch-0149
2521195	TMc16-46120	435-56120	HD	Ear	G1202-165	Bolt	V - 3/4 X 7/8	J-05440	123	8PV	3E	12	Clutch-0155
2521196	TMc16-46121	435-56121	HD	Ear	G1202-165	Monolithic	V - 3/4 X 7/8	H002	123	8PV	3E	12	Clutch-0155
2521197	TMc16-46122	435-56122	HD	Ear	G1202-165	Bolt	H - 3/4 X 7/8	J-05442	123	8PV	3E	12	Clutch-0155
2521198	TMc16-46210	435-56210	HD	Ear	G1202-165	Pad	H - Pad	H001	135	2A	3E	12	Clutch-0151
2521199	TMc16-46212	435-56212	HD	Ear	G1202-165	Pad	H - Pad	H001	135	2A	3E	24	Clutch-0150
2521201	TMc16-46222	435-56222	HD	Ear	G1202-165	Pad	H - Pad	H001	125	2A	SL	12	Clutch-0159
2521204	TMc16-46230	435-56230	HD	Ear	G1202-165	Pad	H - Pad	H001	125	1A	SL,OH	12	Clutch-0147
2521206	TMc16-46234	435-56234	HD	Ear	G1202-165	Pad	H - Pad	H001	123	8PV	3E	12	Clutch-0155
2521208	TMc16-46238	435-56238	HD	Ear	G1202-165	Pad	H - Pad	H001	125	2A	SL,2W	12	Clutch-0158
2521250	TMc16-46035	435-56035	HD	Ear	G1202-165	Monolithic	V - 3/4 X 7/8	H002	159	VG	3E	12	Clutch-0148
2521254	TMc16-46053	435-56053	HD	Ear	G1202-165	Bolt	H - 1 X 14	J-05442	152	2A	SHD	12	Clutch-0172
2521283	TMc16-46033	435-56033	HD	Ear	G1202-165	Monolithic	V - 3/4 X 7/8	H002	125	1A	SL,OH	12	Clutch-0147
2521284	TMc16-46038	435-56038	HD	Ear	G1202-165	Bolt	V - 3/4 X 7/8	J-05440	123	8PV	SHD	12	Clutch-0171
2521285	TMc16-46041	435-56041	HD	Ear	G1202-165	Bolt	V - 3/4 X 7/8	J-05440	152	2A	SHD	12	Clutch-0172
2521286	TMc16-46045	435-56045	HD	Ear	G1202-165	Bolt	H - 3/4 X 7/8	J-05442	152	2A	SHD	12	Clutch-0172
2521287	TMc16-46050	435-56050	HD	Ear	G1202-165	Bolt	V - 3/4 X 7/8	J-05440	159	VG	SHD	12	Clutch-0170
2521288	TMc16-46063	435-56063	HD	Ear	G1202-165	Bolt	V - 3/4 X 7/8	J-05440	125	1A	SL,OH	12	Clutch-0147
2521289	TMc16-46081	435-56081	HD	Ear	G1202-165	Bolt	H - 3/4 X 7/8	J-05442	125	1A	SL,OH	12	Clutch-0147
2521295	TMc16-46048	435-56048	HD	Ear	G1202-165	Bolt	H - 3/4 X 7/8	J-05442	152	2A	SHD	24	Clutch-0175
2521296	TMc16-46083	435-56083	HD	Ear	G1202-165	Bolt	H - 3/4 X 7/8	J-05442	125	1A	SL,OH	24	Clutch-0146
2521297	TMc16-46094	435-56094	HD	Ear	G1202-165	Bolt	V - 1 X 14	J-05444	159	VG	3E	12	Clutch-0148
2521298	TMc16-46100	435-56100	HD	Ear	G1202-165	Bolt	V - 3/4 X 7/8	J-05440	152	2A	SHD	24	Clutch-0175
2521299	TMc16-46047	435-56047	HD	Ear	G1202-165	Monolithic	V - 3/4 X 7/8	H002	123	6PV	3E	12	Clutch-0144
2521300	N/A	N/A	HD	Ear	G1202-165	Monolithic	V - 3/4 X 7/8	H002	123	6PV	3E	24	Clutch-0153
2521344	TMc16-46023	435-56023	HD	Ear	G1202-165	Bolt	V - 1 X 14	J-05444	135	2A	3E	12	Clutch-0151
2521345	TMc16-46026	435-56026	HD	Ear	G1202-165	Bolt	V - 1 X 14	J-05444	123	6PV	3E	12	Clutch-0144
2521346	TMc16-46028	435-56028	HD	Ear	G1202-165	Bolt	H - 1 X 14	J-05446	135	2A	3E	12	Clutch-0151
2521347	TMc16-46036	435-56036	HD	Ear	G1202-165	Bolt	H - 3/4 X 7/8	J-05442	125	2A	SL	12	Clutch-0159
2521348	TMc16-46068	435-56068	HD	Ear	G1202-165	Bolt	H - 3/4 X 7/8	J-05442	123	6PV	3E	12	Clutch-0144
2521349	TMc16-46069	435-56069	HD	Ear	G1202-165	Bolt	V - 3/4 X 7/8	J-05440	135	2A	3E,WD	12	Clutch-0152
2521350	TMc16-46075	435-56075	HD	Ear	G1202-165	Bolt	H - 1 X 14	J-05446	125	2A	SL	12	Clutch-0159
2521351	TMc16-46097	435-56097	HD	Ear	G1202-165	Bolt	H - 1 X 14	J-05446	123	6PV	3E	12	Clutch-0144
2521352	TMc16-46123	435-56123	HD	Ear	G1202-165	Bolt	H - 3/4 X 7/8	J-05442	123	8PV	SL	24	Clutch-0156
2521353	TMc16-46124	435-56124	HD	Ear	G1202-165	Bolt	V - 1 X 14	J-05444	123	8PV	3E	12	Clutch-0155
2521354	TMc16-46125	435-56125	HD	Ear	G1202-165	Bolt	V - 3/4 X 7/8	J-05440	123	8PV	SL	24	Clutch-0156
2521355	TMc16-46126	435-56126	HD	Ear	G1202-165	Bolt	H - 1 X 14	J-05446	123	8PV	3E	12	Clutch-0155

# PAERMA COMPRESSOR

NEW MODEL  
TO REPLACE TM 16

Refrigerant			
R134a	R404a	R12	R22
●		●	

## TMc-16 PART NUMBER

COMPRESSOR ASSEMBLY 组装			COMPRESSOR 压缩机			FITTING 接头			CLUTCH 离合器				
ICE Reference	PAERMA PART NO.	Seltec Reference	Type	Mount Style	Compressor Drawing	Fitting Type	Fitting Description	Fitting Drawing	Dia. (mm)	Pulley Type	Note s*	(V)	Clutch Drawing
2521356	TMc16-46204	435-56204	HD	Ear	G1202-165	Pad	H - Pad	H001	152	2A	SHD	12	Clutch-0172
2521357	TMc16-46218	435-56218	HD	Ear	G1202-165	Pad	H - Pad	H001	123	6PV	3E	12	Clutch-0153
2521358	TMc16-46220	435-56220	HD	Ear	G1202-165	Pad	H - Pad	H001	123	6PV	3E	24	Clutch-0153
2521359	TMc16-46321	435-56321	HD	Ear	G1202-165	Monolithic	V - 3/4 X 7/8	H002	135	2A	SL	12	Clutch-0157
2521360	TMc16-46141	435-56141	HD	Ear	G1202-165	Monolithic	V - 3/4 X 7/8	H002	123	8PV	SL	12	Clutch-0162
2521445	TMc16-46236	435-56236	HD	Ear	G1202-165	Pad	H - Pad	H001	123	8PV	3E	24	Clutch-0156
2521456	TMc16-46029	435-56029	HD	Ear	G1202-165	Bolt	H - 1 X 14	J-05446	135	2A	3E	24	Clutch-0150
2521458	TMc16-46079	435-56079	HD	Ear	G1202-165	Bolt	V - 1 X 14	J-05444	135	2A	3E	24	Clutch-0150
2521466	TMc16-46225	435-56225	HD	Ear	G1202-165	Pad	H - Pad	H001	123	8PV	SHD	24	Clutch-0174
2521467	TMc16-46311	435-56311	HD	Ear	G1202-165	Bolt	V - 3/4 X 7/8	J-05440	135	2A	SL	12	Clutch-0157
2521468	TMc16-46202	435-56202	HD	Ear	G1202-165	Pad	H - Pad	H001	123	8PV	SHD	12	Clutch-0171
2521469	TMc16-46215	435-56215	HD	Ear	G1202-165	Pad	H - Pad	H001	152	2A	SHD	24	Clutch-0175
2521470	TMc16-46131	435-56131	HD	Ear	G1202-165	Monolithic	V - 3/4 X 7/8	H002	123	8PV	3E	24	Clutch-0156
2521471	TMc16-46129	435-56129	HD	Ear	G1202-165	Bolt	H - 1 X 14	J-05446	123	8PV	3E	24	Clutch-0156
2521472	TMc16-46077	435-56077	HD	Ear	G1202-165	Bolt	V - 3/4 X 7/8	J-05440	135	2A	3E	12	Clutch-0151
2521477	TMc16-46228	435-56228	HD	Ear	G1202-165	Pad	H - Pad	H001	159	VG	3E	24	Clutch-0149
2521480	TMc16-46226	435-56226	HD	Ear	G1202-165	Pad	H - Pad	H001	159	VG	3E	12	Clutch-0148
2521514	TMc16-46074	435-56074	HD	Ear	G1202-165	Bolt	V - 3/4 X 7/8	J-05440	125	2A	SL	24	NA
2521515	TMc16-46091	435-56091	HD	Ear	G1202-165	Bolt	V - 3/4 X 7/8	J-05440	135	2A	3E,SC	12	NA
2521520	TMc16-46317	435-56317	HD	Ear	G1202-165	Bolt	H - 3/4 X 7/8	J-05442	135	2A	SL	24	NA
2521522	TMc16-46322	435-56322	HD	Ear	G1202-165	Bolt	H - 3/4 X 7/8	J-05442	123	8PV	SL	12	Clutch-0162
2521523	TMc16-46330	435-56330	HD	Ear	G1202-165	Bolt	H - 3/4 X 7/8	J-05442	135	2A	SL	12	Clutch-0157
2521539	TMc16-46320	435-56320	HD	Ear	G1202-165	Bolt	V - 3/4 X 7/8	J-05440	123	8PV	SL	12	Clutch-0162
2521540	TMc16-46055	435-56055	HD	Ear	G1202-165	Bolt	V - 3/4 X 7/8	J-05440	159	1B	OH,SH D	24	Clutch-0173
2521579	TMc16-46315	435-56315	HD	Ear	G1202-165	Bolt	V - 3/4 X 7/8	J-05440	135	2A	SL	24	NA
2521580	TMc16-46357	435-56357	HD	Ear	G1202-165	Monolithic	V - 3/4 X 7/8	H002	159	VG	SL	24	Clutch-0149
2521581	TMc16-46134	435-56134	HD	Ear	G1202-165	Bolt	V - 3/4 X 7/8	J-05440	123	8PV	3E,SC	12	Clutch-0250
2521594	TMc16-46032	435-56032	HD	Ear	G1202-165	Bolt	V - 3/4 X 7/8	J-05440	123	6PV	3E	24	Clutch-0153
2521595	TMc16-46054	435-56054	HD	Ear	G1202-165	Bolt	H - 1 X 14	J-05446	159	1B	SHD	12	NA
2521596	TMc16-46059	435-56059	HD	Ear	G1202-165	Bolt	H - 3/4 X 7/8	J-05442	135	2A	3E	12	Clutch-0151
2521597	TMc16-46093	435-56093	HD	Ear	G1202-165	Monolithic	V - 3/4 X 7/8	H002	135	2A	3E,SC	24	Clutch-0231
2521598	TMc16-46098	435-56098	HD	Ear	G1202-165	Bolt	V - 3/4 X 7/8	J-05440	135	2A	3E,SC	24	Clutch-0231
2521599	TMc16-46331	435-56331	HD	Ear	G1202-165	Monolithic	V - 3/4 X 7/8	H002	123	8PV	SL	24	Clutch-0163
2521600	TMc16-46312	435-56312	HD	Ear	G1202-165	Pad	H - Pad	H001	135	2A	SL	24	NA
2521601	TMc16-46241	435-56241	HD	Ear	G1202-165	Pad	H - Pad	H001	125	2A	SL	24	NA
2521603	TMc16-46313	435-56313	HD	Ear	G1202-165	Pad	H - 1 X 14	J-05446	123	8PV	SL,SC	12	Clutch-0235
2521608	TMc16-46356	435-56356	HD	Ear	G1202-165	Monolithic	V - 3/4 X 7/8	H002	135	2A	SL	24	NA
2521610	TMc16-46102	435-56102	HD	Ear	G1202-165	Bolt	V - 3/4 X 7/8	J-05440	125	1A	OH	24	Clutch-0146
2521616	TMc16-46244	435-56244	HD	Ear	G1202-165	Pad	H - Pad	H001	123	8PV	3E	12	Clutch-0155
2521609	TMc16-2521609		HD	Ear	G1202-165	Pad	H - Pad	H001	135	2A	SL	12	
	TMc16-46901		HD	Ear	G1202-165	Bolt	V - 3/4 X 7/8	J-05440	123	8PV	3E	24	Clutch-0156
	TMc16-56282		HD	Director	FLM-22body	Pad	H - Pad	H001	123	8PV	3E	12	Clutch-0155

Refrigerant			
R134a	R404a	R12	R22
●		●	

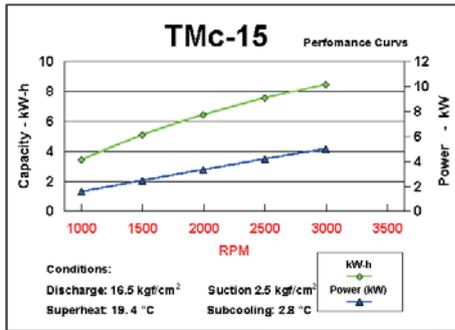
NEW MODEL  
TO REPLACE TM 15

**PAERMA**  
COMPRESSOR

## THE TMc-15 FROM PAERMA



压缩机 Compressor	型号 Model	TMc-15
	每转排量 Displacement	145cc/r
	汽缸数 Number of Cylinder	10
	最大转速 DownShift Speed	6000 r/min
	制冷剂 Refrigerant	R134a
	润滑油 Lubrication Oil	POE 68PG or PAG
离合器 Clutch	旋转方向 Rotation	Clockwise / Anticlockwise
	重量 Weight	4.6 KG
	额定电压 Voltage	12V/ 24V
	脱离扭矩 Breakaway	49 N.m
	消耗功率 Power Consumption	45
	重量 Weight	2.3

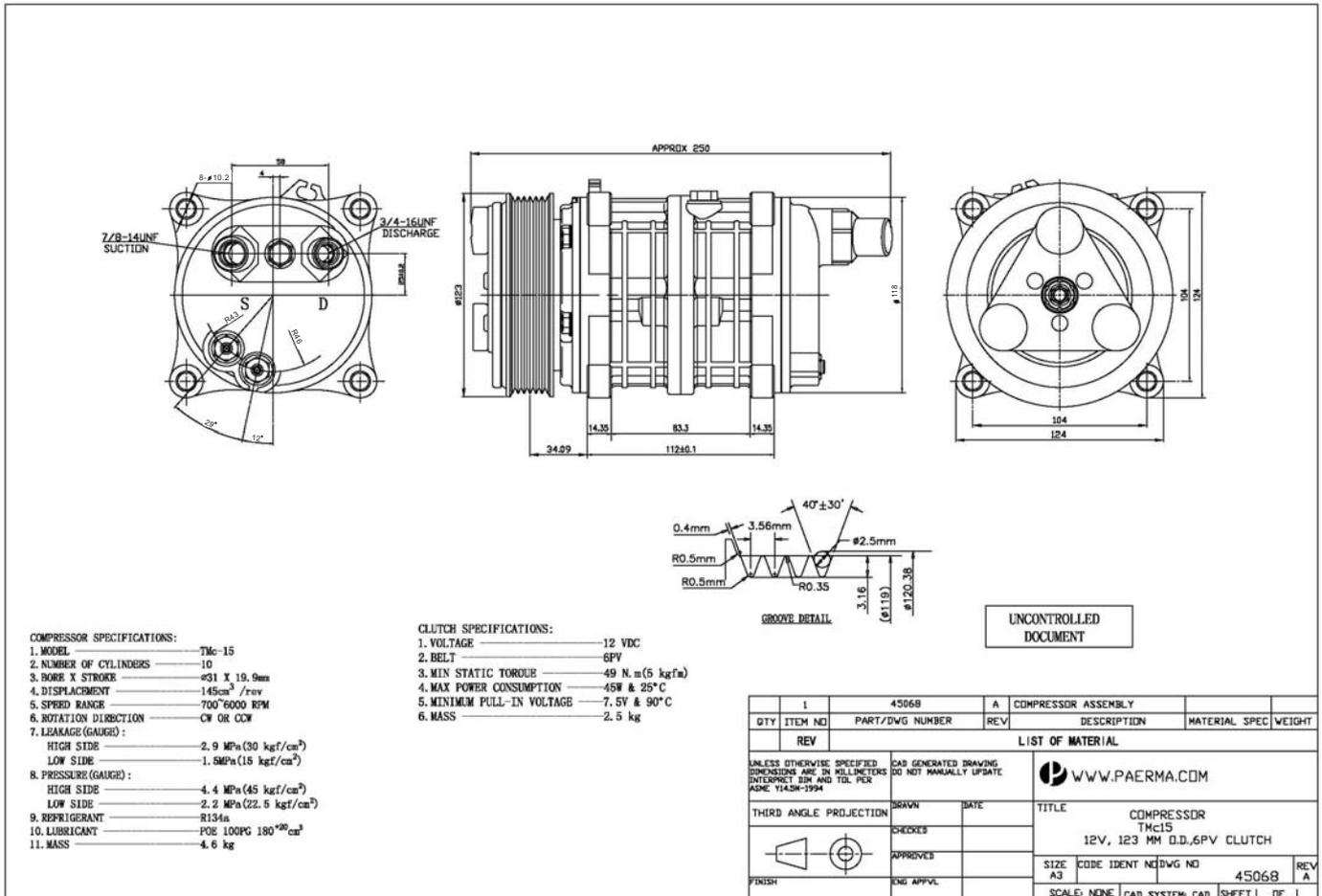


### IMPROVED NOW

- 1, Outlook is similar with TM.
- 2, Long life design: Improved ball shoe and gas kits.
- 3, More strong casting body.
- 4, All installation size is same as TM.
- 5, Oil Type: POE oil or PAG oil also.
- 6, 10 cylinders more better than 6 cylinder, the discharge will more smooth and the cooling capacity will more better.

### 全新改进

- 1, 外观更像 TM 压缩机。
- 2, 长寿命设计: 改进了球靴和阀片。
- 3, 更坚固的压缩机缸体。
- 4, 和 TM 压缩机完全一样的安装尺寸。
- 5, 能够同时适用于 POE 和 PAG 冷冻油
- 6, 独特的 10 汽缸设计比 6 汽缸的压缩机运行起来更平顺制冷效果更好



# PAERMA COMPRESSOR

NEW MODEL  
TO REPLACE TM 15

Refrigerant			
R134a	R404a	R12	R22
●		●	

## TMc-15 PART NUMBER

COMPRESSOR ASSEMBLY 组装			COMPRESSOR 压缩机			FITTING 接头			CLUTCH 离合器				
ICE Reference	PAERMA PART NO.	Seltec Reference	Type	Mount Style	Compressor Drawing	Fitting Type	Fitting Description	Fitting Drawing	Dia (mm)	Pulley Type	Notes*	(V)	Clutch Drawing
2521152	TMc15-45011	435-55011	HD	Ear	G1202-145	Bolt	V - 3/4 X 7/8	J-05440	135	2A	3E	12	Clutch-0151
2521153	TMc15-45015	435-55015	HD	Ear	G1202-145	Bolt	V - 3/4 X 7/8	J-05440	135	2A	3E	24	Clutch-0150
2521154	TMc15-45017	435-55017	HD	Ear	G1202-145	Bolt	H - 3/4 X 7/8	J-05442	135	2A	3E	24	Clutch-0150
2521155	TMc15-45018	435-55018	HD	Ear	G1202-145	Bolt	V - 3/4 X 7/8	J-05440	125	2A	SL	12	Clutch-0159
2521156	TMc15-45019	435-55019	HD	Ear	G1202-145	Bolt	V - 3/4 X 7/8	J-05440	123	6PV	3E	12	Clutch-0144
2521157	TMc15-45021	435-55021	HD	Ear	G1202-145	Monolithic	V - 3/4 X 7/8	H002	135	2A	3E	12	Clutch-0151
2521159	TMc15-45035	435-55035	HD	Ear	G1202-145	Monolithic	V - 3/4 X 7/8	H002	159	VG	3E	12	Clutch-0148
2521160	TMc15-45036	435-55036	HD	Ear	G1202-145	Bolt	H - 3/4 X 7/8	J-05442	125	2A	SL	12	Clutch-0159
2521161	TMc15-45043	435-55043	HD	Ear	G1202-145	Monolithic	V - 3/4 X 7/8	H002	125	2A	SL	12	Clutch-0159
2521162	TMc15-45047	435-55047	HD	Ear	G1202-145	Monolithic	V - 3/4 X 7/8	H002	123	6PV	3E	12	Clutch-0144
2521163	TMc15-45056	435-55056	HD	Ear	G1202-145	Monolithic	V - 3/4 X 7/8	H002	135	2A	3E	24	Clutch-0150
2521164	TMc15-45057	435-55057	HD	Ear	G1202-145	Monolithic	V - 3/4 X 7/8	H002	159	VG	3E	24	Clutch-0149
2521165	TMc15-45061	435-55061	HD	Ear	G1202-145	Bolt	V - 3/4 X 7/8	J-05440	159	VG	3E	24	Clutch-0149
2521166	TMc15-45063	435-55063	HD	Ear	G1202-145	Bolt	V - 3/4 X 7/8	J-05440	125	1A	SL/OH	12	Clutch-0147
2521167	TMc15-45065	435-55065	HD	Ear	G1202-145	Bolt	V - 3/4 X 7/8	J-05440	159	VG	3E	12	Clutch-0148
2521168	TMc15-45075	435-55075	HD	Ear	G1202-145	Bolt	H - 1 X 14	J-05442	125	2A	SL	12	Clutch-0159
2521170	TMc15-45088	435-55088	HD	Direct		Bolt	V - 3/4 X 7/8	J-05440	123	6PV	SL	12	Clutch-0161
2521171	TMc15-45120	435-55120	HD	Ear	G1202-145	Bolt	V - 3/4 X 7/8	J-05440	123	8PV	3E	12	Clutch-0155
2521172	TMc15-45121	435-55121	HD	Ear	G1202-145	Monolithic	V - 3/4 X 7/8	H002	123	8PV	3E	12	Clutch-0155
2521173	TMc15-45126	435-55126	HD	Ear	G1202-145	Bolt	H - 1 X 14	J-05442	123	8PV	3E	12	Clutch-0155
2521175	TMc15-45212	435-55212	HD	Ear	G1202-145	Pad	H - Pad	H001	135	2A	3E	24	Clutch-0150
2521176	TMc15-45222	435-55222	HD	Ear	G1202-145	Pad	H - Pad	H001	125	2A	SL	12	Clutch-0159
2521178	TMc15-45234	435-55234	HD	Ear	G1202-145	Pad	H - Pad	H001	123	8PV	3E	12	Clutch-0155
2521255	TMc15-45238	435-55238	HD	Ear	G1202-145	Pad	H - Pad	H001	123	6PV	SL	12	Clutch-0161
2521266	TMc15-45122	435-55122	HD	Ear	G1202-145	Bolt	H - 3/4 X 7/8	J-05442	123	8PV	3E	12	Clutch-0155
2521268	TMc15-45081	435-55081	HD	Direct		Bolt	H - 3/4 X 7/8	J-05442	159	VG	3E	24	Clutch-0149
2521275	TMc15-45038	435-55038	HD	Ear	G1202-145	Bolt	V - 3/4 X 7/8	J-05440	123	8PV	SHD	12	Clutch-0171
2521276	TMc15-45041	435-55041	HD	Ear	G1202-145	Bolt	V - 3/4 X 7/8	J-05440	152	2A	SHD	12	Clutch-0172
2521277	TMc15-45045	435-55045	HD	Ear	G1202-145	Bolt	H - 3/4 X 7/8	J-05442	152	2A	SHD	12	Clutch-0172
2521278	TMc15-45050	435-55050	HD	Ear	G1202-145	Bolt	V - 3/4 X 7/8	J-05440	159	VG	SHD	12	Clutch-0170
2521279	TMc15-45073	435-55073	HD	Ear	G1202-145	Bolt	H - 3/4 X 7/8	J-05442	159	VG	3E	24	Clutch-0149
2521280	TMc15-45082	435-55082	HD	Direct		Bolt	V - 3/4 X 7/8	J-05440	123	8PV	3E	12	Clutch-0155
2521281	TMc15-45084	435-55084	HD	Direct		Bolt	H - 3/4 X 7/8	J-05442	123	8PV	3E	12	Clutch-0155
2521282	TMc15-45092	435-55092	HD	Direct		Bolt	V - 3/4 X 7/8	J-05440	135	2A	3E	12	Clutch-0151
2521293	TMc15-45048	435-55048	HD	Ear	G1202-145	Bolt	H - 3/4 X 7/8	J-05442	152	2A	SHD	24	Clutch-0175
2521294	TMc15-45090	435-55090	HD	Direct		Bolt	V - 3/4 X 7/8	J-05440	135	2A	3E	24	Clutch-0150
2521301	TMc15-45077	435-55077	HD	Ear	G1202-145	Bolt	V - 3/4 X 7/8	J-05440	135	2A	WP/WD	12	Clutch-0194
2521561	TMc15-45009	435-55009	HD	Ear	G1202-145	Bolt	V - 3/4 X 7/8	J-05440	125	2A	SL, 2W	12	Clutch-0158
2521316	TMc15-45023	435-55023	HD	Ear	G1202-145	Bolt	V - 1 X 14	J-05444	135	2A	3E	12	Clutch-0151
2521317	TMc15-45026	435-55026	HD	Ear	G1202-145	Bolt	V - 1 X 14	J-05444	123	6PV	3E	12	Clutch-0144
2521318	TMc15-45027	435-55027	HD	Ear	G1202-145	Bolt	H - 3/4 X 7/8	J-05442	123	6PV	3E	24	Clutch-0153
2521319	TMc15-45032	435-55032	HD	Ear	G1202-145	Bolt	V - 3/4 X 7/8	J-05440	123	6PV	3E	24	Clutch-0153
2521320	TMc15-45033	435-55033	HD	Ear	G1202-145	Monolithic	V - 3/4 X 7/8	H002	125	1A	SL, OH	12	Clutch-0147
2521321	TMc15-45039	435-55039	HD	Ear	G1202-145	Bolt	H - 1 X 14	J-05446	135	2A	3E	12	Clutch-0151
2521322	TMc15-45053	435-55053	HD	Ear	G1202-145	Bolt	H - 1 X 14	J-05446	152	2A	SHD	12	Clutch-0172
2521323	TMc15-45068	435-55068	HD	Ear	G1202-145	Bolt	H - 3/4 X 7/8	J-05442	123	6PV	3E	12	Clutch-0144
2521324	TMc15-45069	435-55069	HD	Ear	G1202-145	Bolt	V - 3/4 X 7/8	J-05440	135	2A	3E, WD	12	Clutch-0152
2521325	TMc15-45071	435-55071	HD	Ear	G1202-145	Monolithic	V - 3/4 X 7/8	H002	135	2A	3E, WD	12	Clutch-0152
2521326	TMc15-45079	435-55079	HD	Ear	G1202-145	Bolt	V - 1 X 14	J-05444	135	2A	3E	24	Clutch-0150
2521328	TMc15-45085	435-55085	HD	Direct		Pad	H - Pad	H001	123	6PV	SL	12	Clutch-0161
2521329	TMc15-45094	435-55094	HD	Ear	G1202-145	Bolt	V - 1 X 14	J-05444	159	VG	3E	12	Clutch-0148
2521330	TMc15-45097	435-55097	HD	Ear	G1202-145	Bolt	H - 1 X 14	J-05446	123	6PV	3E	12	Clutch-0144

Refrigerant			
R134a	R404a	R12	R22
●		●	

NEW MODEL  
TO REPLACE TM 15

**PAERMA**  
**COMPRESSOR**

## TMc-15 PART NUMBER

COMPRESSOR ASSEMBLY 组装			COMPRESSOR 压缩机			FITTING 接头			CLUTCH 离合器				
ICE Reference	PAERMA PART NO.	Seltec Reference	Type	Mount Style	Compressor Drawing	Fitting Type	Fitting Description	Fitting Drawing	Dia (mm)	Pulley Type	Notes *	(V)	Clutch Drawing
2521455	<b>TMc15-45311</b>	435-55311	HD	Ear	G1202-145	Bolt	V - 3/4 X 7/8	J-05440	135	2A	SL	12	Clutch-0157
2521461	<b>TMc15-45096</b>	435-55096	HD	Direct		Pad	V - Pad	H001	123	8PV	SL	12	Clutch-0162
2521462	<b>TMc15-45083</b>	435-55083	HD	Direct		Bolt	V - 3/4 X 7/8	J-05440	123	8PV	3E	24	Clutch-0156
2521463	<b>TMc15-45133</b>	435-55133	HD	Ear	G1202-145	Bolt	V - 3/4 X 7/8	J-05440	123	4PV	3E	24	Clutch-0143
2521464	<b>TMc15-45202</b>	435-55202	HD	Ear	G1202-145	Pad	H - Pad	H001	132	8PV	SHD	12	Clutch-0171
2521465	<b>TMc15-45215</b>	435-55215	HD	Ear	G1202-145	Pad	V - Pad	H001	152	2A	SHD	24	Clutch-0175
2521473	<b>TMc15-45129</b>	435-55129	HD	Ear	G1202-145	Bolt	H - 1 X 14	J-05446	123	8PV	3E	24	Clutch-0156
2521474	<b>TMc15-45225</b>	435-55225	HD	Ear	G1202-145	Pad	V - Pad	H001	132	8PV	SHD	24	Clutch-0174
2521479	<b>TMc15-45030</b>	435-55030	HD	Ear	G1202-145	Bolt	H - 3/4 X 7/8	J-05442	135	2A	3E	12	Clutch-0151
2521509	<b>TMc15-45140</b>	435-55140	HD	Ear	G1202-145	Monolithic	V - 3/4 X 7/8	H002	152	2A	SHD	12	Clutch-0172
2521510	<b>TMc15-45315</b>	435-55315	HD	Ear	G1202-145	Bolt	V - 3/4 X 7/8	J-05440	135	2A	SL	24	N/A
2521511	<b>TMc15-45317</b>	435-55317	HD	Ear	G1202-145	Bolt	H - 3/4 X 7/8	J-05442	135	2A	SL	24	N/A
2521512	<b>TMc15-45320</b>	435-55320	HD	Ear	G1202-145	Bolt	V - 3/4 X 7/8	J-05440	123	8PV	SL	12	Clutch-0162
2521513	<b>TMc15-45379</b>	435-55379	HD	Ear	G1202-145	Bolt	V - 1 X 14	J-05444	135	2A	SL	24	Clutch-0162
2521526	<b>TMc15-45123</b>	435-55123	HD	Ear	G1202-145	Bolt	H - 3/4 X 7/8	J-05442	123	8PV	3E	24	Clutch-0156
2521541	<b>TMc15-45392</b>	435-55392	HD	Direct		Bolt	V - 3/4 X 7/8	J-05440	135	2A	SL	12	Clutch-0157
2521542	<b>TMc15-45384</b>	435-55384	HD	Direct		Bolt	H - 3/4 X 7/8	J-05442	123	8PV	SL	12	Clutch-0162
2521543	<b>TMc15-45382</b>	435-55382	HD	Direct		Bolt	V - 3/4 X 7/8	J-05440	123	8PV	SL	12	Clutch-0162
2521544	<b>TMc15-45059</b>	435-55059	HD	Ear	G1202-145	Bolt	H - 3/4 X 7/8	J-05442	135	2A	3E	12	Clutch-0151
2521548	<b>TMc15-45128</b>	435-55128	HD	Ear	G1202-145	Bolt	H - 3/4 X 7/8	J-05442	123	8PV	3E	12	Clutch-0250
2521555	<b>TMc15-45329</b>	435-55329	HD	Ear	G1202-145	Bolt	H - 1 X 14	J-05446	135	2A	SL	24	N/A
2521573	<b>TMc15-45226</b>	435-55226	HD	Ear	G1202-145	Pad	H - Pad	H001	159	VG	3E	12	Clutch-0148
2521576	<b>TMc15-45236</b>	435-55236	HD	Ear	G1202-145	Pad	V - Pad	H001	123	8PV	3E	24	Clutch-0156
2521602	<b>TMc15-45118</b>	435-55118	HD	Ear	G1202-145	Monolithic	V - 3/4 X 7/8	H002	123	8PV	3E	12	Clutch-0149
2521604	<b>TMc15-45361</b>	435-55361	HD	Ear	G1202-145	Bolt	V - 3/4 X 7/8	J-05440	159	VG	SL	24	Clutch-0173
2521605	<b>TMc15-45356</b>	435-55356	HD	Ear	G1202-145	Monolithic	V - 3/4 X 7/8	H002	135	2A	SL	24	N/A
2521606	<b>TMc15-45325</b>	435-55325	HD	Ear	G1202-145	Bolt	V - 3/4 X 7/8	J-05440	123	8PV	SL	24	Clutch-0163
2521607	<b>TMc15-45220</b>	435-55220	HD	Ear	G1202-145	Pad	H - Pad	H001	125	2A	SL	24	N/A
	<b>TMc15-45365</b>	435-55365	HD	Ear	G1202-145	Pad	H - Pad	J-05440	159	VG	SL	12	Clutch-1009
	<b>TMc15-45902</b>		HD	Ear	G1202-145	Bolt	H - 3/4 X 7/8	J-05442	143	6PV	SL	12	Clutch-1022
	<b>TMc15-45905</b>					Monolithic		H008	135	A	SL	24	



# PAERMA COMPRESSOR

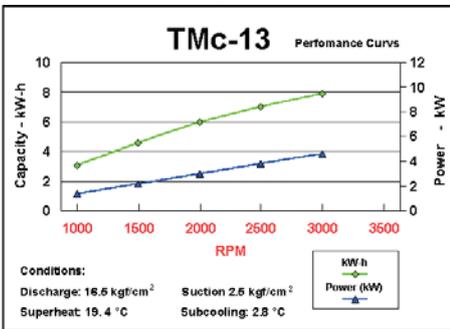
NEW MODEL  
TO REPLACE TM 13

Refrigerant			
R134a	R404a	R12	R22
●		●	

## THE TMc-13 FROM PAERMA



压缩机 Compressor	型号 Model	TMc-13
	每转排量 Displacement	135cc/r
	汽缸数 Number of Cylinder	10
	最大转速 DownShift Speed	6000 r/min
	制冷剂 Refrigerant	R134a
	润滑油 Lubrication Oil	POE 68PG or PAG
离合器 Clutch	旋转方向 Rotation	Clockwise / Anticlockwise
	重量 Weight	4.6 KG/4.4KG
	额定电压 Voltage	12V/ 24V
	脱离扭矩 Breakaway	49 N.m
	消耗功率 Power Consumption	45
重量 Weight	2.3	

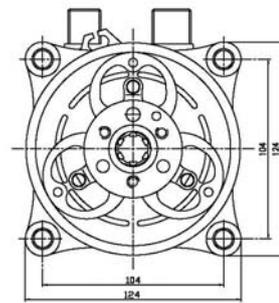
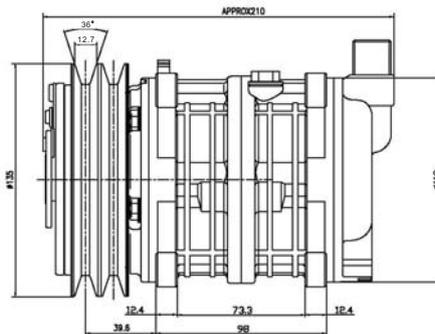
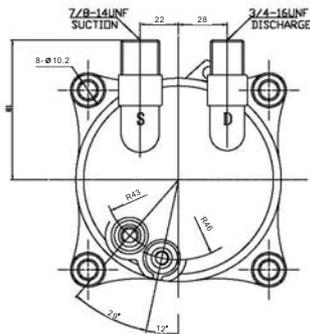


### IMPROVED NOW

- 1, Outlook is similar with TM.
- 2, Long life design: Improved ball shoe and gas kits.
- 3, More strong casting body.
- 4, All installation size is same as TM.
- 5, Oil Type: POE oil or PAG oil also.
- 6, 10 cylinders more better than 6 cylinder, the discharge will more smooth and the cooling capacity will more better.

### 全新改进

- 1, 外观更像 TM 压缩机。
- 2, 长寿命设计: 改进了球靴和阀片。
- 3, 更坚固的压缩机缸体。
- 4, 和 TM 压缩机完全一样的安装尺寸。
- 5, 能够同时适用于 POE 和 PAG 冷冻油
- 6, 独特的 10 汽缸设计比 6 汽缸的压缩机运行起来更平顺制冷效果更好



#### COMPRESSOR SPECIFICATIONS:

1. MODEL TMc-13
2. NUMBER OF CYLINDERS 10
3. BORE X STROKE ø51 X 17.5mm
4. DISPLACEMENT 135cm<sup>3</sup>/rev
5. SPEED RANGE 700-6000 RPM
6. ROTATION DIRECTION CW OR CCW
7. LEAKAGE (GAUGE):  
 HIGH SIDE 2.9 MPa (30 kgf/cm<sup>2</sup>)  
 LOW SIDE 1.6MPa (15 kgf/cm<sup>2</sup>)
8. PRESSURE (GAUGE):  
 HIGH SIDE 4.4 MPa (45 kgf/cm<sup>2</sup>)  
 LOW SIDE 2.2 MPa (22.5 kgf/cm<sup>2</sup>)
9. REFRIGERANT R134a
10. LUBRICANT POE 100PG 150\*20 cm<sup>3</sup>
11. MASS 4.4 kg

#### CLUTCH SPECIFICATIONS:

1. VOLTAGE 12 VDC
2. BELT 2A
3. MIN STATIC TORQUE 49 N.m (5 kg/m)
4. MAX POWER CONSUMPTION 45W @ 25°C
5. MINIMUM PULL-IN VOLTAGE 7.5V @ 90°C
6. MASS 2.3 kg

UNCONTROLLED  
DOCUMENT

QTY	ITEM NO	PART/DWG NUMBER	REV	DESCRIPTION	MATERIAL SPEC	WEIGHT
1	42310	A		COMPRESSOR ASSEMBLY		
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS INTERPRET DIM AND TOL PER ASME Y14.5M-1994		CAD GENERATED DRAWING DO NOT MANUALLY UPDATE		WWW.PAERMA.COM		
THIRD ANGLE PROJECTION		DRAWN DATE		TITLE COMPRESSOR TMc-13		
CHECKS		APPROVES		12V, 135 MM O.D., 2A CLUTCH		
FINISH		ENR APPVL		SIZE CODE IDENT NO/DWG NO		REV A
				42310		1 OF 1
				SCALE: NONE		CAD SYSTEM: CAD

Refrigerant			
R134a	R404a	R12	R22
●		●	

NEW MODEL  
TO REPLACE TM 13

**PAERMA**  
**COMPRESSOR**

## TMc-13 PART NUMBER

COMPRESSOR ASSEMBLY 组装			COMPRESSOR 压缩机			FITTING 接头			CLUTCH 离合器				
ICE Reference	PAERMA PART NO.	Seltec Reference	Type	Mount Style	Compressor Drawing	Fitting Type	Fitting Description	Fitting Drawing	Dia. (mm)	Pulley Type	Notes (V)	Clutch Drawing	
2521142	TMc13-42121	435-52121	HA	Ear	G1102-130	Monolithic	V - 3/4 X 7/8	H002	123	8PV	3E 12	Clutch-0155	
2521143	TMc13-42314	435-52314	HA	Ear	G1102-130	Monolithic	V - 3/4 X 7/8	H002	123	6PV	SL 12	Clutch-0161	
2521144	TMc13-44038	435-54038	HD	Ear	G1202-130	Bolt	V - 3/4 X 7/8	J-05440	123	6PV	3E 12	Clutch-0144	
2521145	TMc13-44070	435-54070	HD	Ear	G1202-130	Bolt	V - 3/4 X 7/8	J-05440	135	2A	3E 12	Clutch-0151	
2521148	TMc13-44234	435-54234	HD	Ear	G1202-130	Pad	H - Pad	H001	123	8PV	3E 12	Clutch-0155	
2521149	TMc13-44236	435-54236	HD	Ear	G1202-130	Pad	H - Pad	H001	123	8PV	3E 24	Clutch-0156	
2521150	TMc13-44320	435-54320	HD	Ear	G1202-130	Bolt	V - 3/4 X 7/8	J-05440	123	8PV	SL 12	clutch-0162	
2521151	TMc13-44338	435-54338	HD	Ear	G1202-130	Bolt	V - 3/4 X 7/8	J-05440	123	6PV	SL 12	Clutch-0161	
2521258	TMc13-42114	435-52114	HA	Ear	G1102-130	Monolithic	V - 3/4 X 7/8	H002	123	6PV	3E 12	Clutch-0144	
2521271	TMc13-44010	435-54010	HD	Ear	G1202-130	Bolt	H - 1 X 14	J-05442	135	2A	3E 12	Clutch-0151	
2521272	TMc13-44014	435-54014	HD	Ear	G1202-130	Bolt	H - 1 X 14	J-05442	123	8PV	3E 12	Clutch-0155	
2521273	TMc13-44082	435-54082	HD	Ear	G1202-130	Bolt	H - 3/4 X 7/8	J-05442	135	2A	3E 12	Clutch-0151	
2521274	TMc13-44122	435-54122	HD	Ear	G1202-130	Bolt	H - 3/4 X 7/8	J-05442	123	8PV	3E 12	Clutch-0155	
2521290	TMc13-44012	435-54012	HD	Ear	G1202-130	Bolt	H - 1 X 14	J-05446	135	2A	3E 24	Clutch-0150	
2521291	TMc13-44071	435-54071	HD	Ear	G1202-130	Bolt	V - 3/4 X 7/8	J-05440	135	2A	3E 24	Clutch-0150	
2521292	TMc13-44074	435-54074	HD	Ear	G1202-130	Bolt	H - 3/4 X 7/8	J-05442	135	2A	3E 24	Clutch-0150	
2521302	TMc13-44120	435-54120	HD	Ear	G1202-130	Bolt	V - 3/4 X 7/8	J-05440	123	8PV	3E 12	Clutch-0155	
2521303	TMc13-42141	435-52141	HA	Ear	G1102-130	Monolithic	V - 3/4 X 7/8	H002	123	8PV	SL 12	clutch-0162	
2521305	TMc13-42118	435-52188	HA	Ear	G1102-130	Monolithic	V - 3/4 X 7/8	H002	125	1A	SL,OH 12	Clutch-0147	
2521309	TMc13-42120	435-52120	HA	Ear	G1102-130	Monolithic	V - 3/4 X 7/8	H002	125	2A	SL 12	Clutch-0159	
2521310	TMc13-44039	435-54039	HD	Ear	G1202-130	Bolt	H - 3/4 X 7/8	J-05442	123	6PV	3E 12	Clutch-0144	
2521311	TMc13-42310	435-52310	HA	Ear	G1102-130	Monolithic	V - 3/4 X 7/8	H002	135	2A	SL 12	Clutch-0157	
2521312	TMc13-44041	435-54041	HD	Ear	G1202-130	Bolt	H - 3/4 X 7/8	J-05442	125	2A	SL 12	Clutch-0159	
2521313	TMc13-44334	435-54334	HD	Ear	G1202-130	Pad	H - Pad	H001	123	8PV	SL 12	clutch-0162	
2521314	TMc13-44339	435-54339	HD	Ear	G1202-130	Bolt	H - 3/4 X 7/8	J-05442	123	6PV	SL 12	Clutch-0161	
2521363	TMc13-42130	435-52130	HA	Ear	G1102-130	Pad	V - Pad	H003	135	2A	3E 12	Clutch-0151	
2521364	TMc13-42132	435-52132	HA	Ear	G1102-130	Pad	V - Pad	H003	135	2A	3E 24	Clutch-0150	
2521365	TMc13-42134	435-52134	HA	Ear	G1102-130	Pad	V - Pad	H003	123	8PV	3E 12	Clutch-0155	
2521366	TMc13-42136	435-52136	HA	Ear	G1102-130	Pad	V - Pad	H003	123	8PV	3E 24	Clutch-0156	
2521367	TMc13-42138	435-52138	HA	Ear	G1102-130	Pad	V - Pad	H003	125	2A	SL 12	Clutch-0159	
2521368	TMc13-42144	435-52144	HA	Ear	G1102-130	Pad	V - Pad	H003	123	6PV	3E 12	Clutch-0144	
2521446	TMc13-44210	435-54210	HD	Ear	G1202-130	Pad	H - Pad	H001	135	2A	3E 12	Clutch-0151	
2521452	TMc13-42115	435-52115	HD	Ear	G1202-130	Monolithic	V - 3/4 X 7/8	H002	135	2A	3E 24	Clutch-0150	
2521460	TMc13-44123	435-54123	HD	Ear	G1202-130	Bolt	H - 3/4 X 7/8	J-05442	123	8PV	3E 24	Clutch-0156	
2521497	TMc13-42110	435-52110	HA	Ear	G1102-130	Monolithic	V - 3/4 X 7/8	H002	135	2A	3E 12	Clutch-0151	
2521499	TMc13-44204	435-54204	HD	Ear	G1202-130	Pad	H - Pad	H001	152	2A	SHD 12	Clutch-0172	
2521501	TMc13-44218	435-54218	HD	Ear	G1202-130	Pad	H - Pad	H001	123	6PV	3E 12	Clutch-0144	
2521502	TMc13-44220	435-54220	HD	Ear	G1202-130	Pad	H - Pad	H001	123	6PV	3E 24	Clutch-0153	
2521503	TMc13-44222	435-54222	HD	Ear	G1202-130	Pad	H - Pad	H001	125	2A	SL 12	Clutch-0159	
2521504	TMc13-44370	435-54370	HD	Ear	G1202-130	Bolt	V - 3/4 X 7/8	J-05440	135	2A	SL 12	Clutch-0157	
2521505	TMc13-44382	435-54382	HD	Ear	G1202-130	Bolt	H - 3/4 X 7/8	J-05442	135	2A	SL 12	Clutch-0157	
	TMc13-96001		HA	Ear	G1102-130	Bolt	H - 3/4 X 7/8	J-05442	135	2A	3E 12	Clutch-0151	
	TMc13-42315		HA	Ear	G1102-130	Monolithic	V - 3/4 X 7/8	H002	123	6PV	SL 24	Clutch-1011	
	TMc13-44902		HD	Ear	G1202-130	Bolt	H - 3/4 X 7/8	J-05442	143	6PV	SL 12	Clutch-1022	
	TMc13-42901		HA	Ear	G1102-130	Pad	H - Pad	H001	123	8PV	3E 12	Clutch-0155	
	TMc13-44021		HD	Ear	G1202-130	Monolithic	V - 3/4 X 7/8	H002	135	2A	3E 12	Clutch-0150	
	TMc13-44903		HA	Ear	G1102-130	Monolithic	V - 3/4 X 7/8	H002	123	6PV	3E 24	Clutch-0144	
	TMc13-44904		HD	Ear	G1202-130	Bolt	V - 3/4 X 7/8	J-05440	123	8PV	3E 24	Clutch-0155	

# PAERMA COMPRESSOR

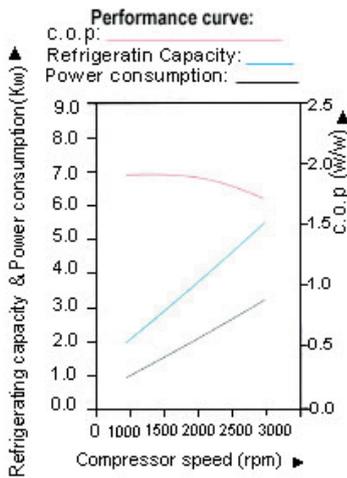
## NEW MODEL TMc-11

Refrigerant			
R134a	R404a	R12	R22
●		●	

## THE TMc-11 FROM PAERMA



压缩机 Compressor	型号 Model	<b>TMc-11</b>
	每转排量 Displacement	113cc/r
	汽缸数 Number of Cylinder	10
	最大转速 DownShift Speed	6000 r/min
	制冷剂 Refrigerant	R134a
	润滑油 Lubrication Oil	POE 68PG or PAG
	旋转方向 Rotation	Clockwise / Anticlockwise
离合器 Clutch	重量 Weight	4.4KG
	额定电压 Voltage	12V/ 24V
	脱离扭矩 Breakaway	49 N.m
	消耗功率 Power Consumption	45
	重量 Weight	2.3



### IMPROVED NOW

- 1, Outlook is similar with TM.
- 2, Long life design: Improved ball shoe and gas kits.
- 3, More strong casting body.
- 4, All installation size is same as TM.
- 5, Oil Type: POE oil or PAG oil also.
- 6, 10 cylinders more better than 6 cylinder, the discharge will more smooth and the cooling capacity will more better.

### 全新改进

- 1, 外观更像 TM 压缩机。
- 2, 长寿命设计: 改进了球靴和阀片。
- 3, 更坚固的压缩机缸体。
- 4, 和 TM 压缩机完全一样的安装尺寸。
- 5, 能够同时适用于 POE 和 PAG 冷冻油。
- 6, 独特的 10 汽缸设计比 6 汽缸的压缩机运行起来更平顺制冷效果更好。

## TMc-11 PART NUMBER

COMPRESSOR ASSEMBLY 组装			COMPRESSOR 压缩机			FITTING 接头			CLUTCH 离合器				
ICE Reference	PAERMA PART NO.	Seltec Reference	Type	Mount Style	Compressor Draw ing	Fitting Type	Fitting Description	Fitting Draw ing	Dia. (mm)	Pulley Type	Notes	(V)	Clutch Draw ing
	TMc11-12121	N/A	HA	Ear	G1102-110	Monolithic	V - 3/4 X 7/8	H002	123	8PV	3E	12	Clutch-0155
	TMc11-12141	N/A	HA	Ear	G1102-110	Monolithic	V - 3/4 X 7/8	H002	123	8PV	SL	12	clutch-0162
	TMc11-12120	N/A	HA	Ear	G1102-110	Monolithic	V - 3/4 X 7/8	H002	125	2A	SL	12	Clutch-0159
	TMc11-12310	N/A	HA	Ear	G1102-110	Monolithic	V - 3/4 X 7/8	H002	135	2A	SL	12	Clutch-0157
	TMc11-12130	N/A	HA	Ear	G1102-110	Pad	V - Pad	H003	135	2A	3E	12	Clutch-0151
	TMc11-12132	N/A	HA	Ear	G1102-110	Pad	V - Pad	H003	135	2A	3E	24	Clutch-0150
	TMc11-12134	N/A	HA	Ear	G1102-110	Pad	V - Pad	H003	123	8PV	3E	12	Clutch-0155
	TMc11-12136	N/A	HA	Ear	G1102-110	Pad	V - Pad	H003	123	8PV	3E	24	Clutch-0156
	TMc11-12138	N/A	HA	Ear	G1102-110	Pad	V - Pad	H003	125	2A	SL	12	Clutch-0159
	TMc11-12110	N/A	HA	Ear	G1102-110	Monolithic	V - 3/4 X 7/8	H002	135	2A	3E	12	Clutch-0151
	TMc11-12901	N/A	HA	Ear	G1102-110	H001	H - 3/4 X 7/8	J-05442	123	8PV	3E	12	
	TMc11-12902	N/A	HA	Ear	G1102-110	H001	H - 3/4 X 7/8	J-05442	123	8PV	3E	24	

Refrigerant			
R134a	R404a	R12	R22
●		●	

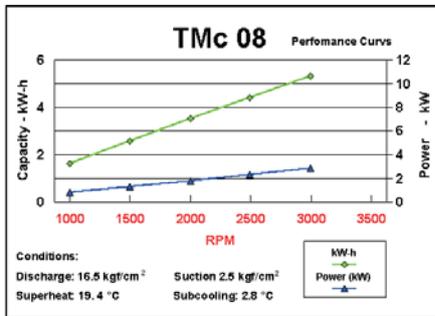
NEW MODEL  
TO REPLACE TM 08

**PAERMA**  
COMPRESSOR

## THE TMc-08 FROM PAERMA



压缩机 Compressor	型号 Model	TMc-08
	每转排量 Displacement	85cc/r
	汽缸数 Number of Cylinder	10
	最大转速 DownShift Speed	6000 r/min
	制冷剂 Refrigerant	R134a
	润滑油 Lubrication Oil	POE 68PG or PAG
离合器 Clutch	旋转方向 Rotation	Clockwise / Anticlockwise
	额定电压 Voltage	12V/ 24V
	脱离扭矩 Breakaway	49 N.m
	消耗功率 Power Consumption	45
	重量 Weight	4.2KG
	重量 Weight	2.1



### IMPROVED NOW

- 1, Outlook is similar with TM.
- 2, Long life design: Improved ball shoe and gas kits.
- 3, More strong casting body.
- 4, All installation size is same as TM.
- 5, Oil Type: POE oil or PAG oil also.
- 6, 10 cylinders more better than 6 cylinder, the discharge will more smooth and the cooling capacity will more better.

### 全新改进

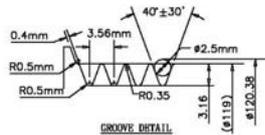
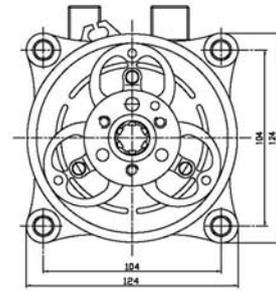
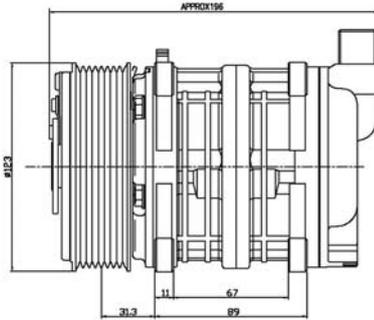
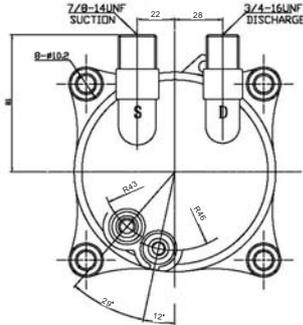
- 1, 外观更像 TM 压缩机。
- 2, 长寿命设计: 改进了球靴和阀片。
- 3, 更坚固的压缩机缸体。
- 4, 和 TM 压缩机完全一样的安装尺寸。
- 5, 能够同时适用于 POE 和 PAG 冷冻油
- 6, 独特的 10 汽缸设计比 6 汽缸的压缩机运行起来更平顺制冷效果更好

## TMc-08 PART NUMBER

COMPRESSOR ASSEMBLY 组装			COMPRESSOR 压缩机			FITTING 接头			CLUTCH 离合器				
ICE Reference	PAERMA PART NO.	Sellec Reference	Type	Mount Style	Compressor Drawing	Fitting Type	Fitting Description	Fitting Drawing	Dia (mm)	Pulley Type	Notes	(V)	Clutch Drawing
2521135	TMc08-42015	435-52015	HD	Ear	Show	Monolithic	V - 3/4 x 7/8	H002	135	2A	3E	24	Clutch-0150
2521136	TMc08-42021	435-52021	HD	Ear	Show	Monolithic	V - 3/4 x 7/8	H002	135	2A	3E	12	Clutch-0151
2521137	TMc08-42038	435-52038	HD	Ear	Show	Monolithic	V - 3/4 x 7/8	H002	123	6PV	3E	12	Clutch-0144
2521138	TMc08-42070	435-52070	HD	Alternator	Show	BP	V - 3/4 x 7/8	N/A	125	2A	SL	12	Clutch-0159
2521139	TMc08-42072	435-52072	HD	Alternator	Show	BP	V - 3/4 x 7/8	N/A	135	2A	SL	12	Clutch-0157
2521251	TMc08-42084	435-54084	HD	Ear	Show	Monolithic	V - 3/4 x 7/8	H002	123	4PV	3E	24	Clutch-0143
2521256	TMc08-42017	435-52017	HD	Alternator	N/A	BP	V - 3/4 x 7/8	N/A	125	2A	3E	12	Clutch-0159
2521257	TMc08-42081	435-52081	HD	Alternator	Show	BP	V - 3/4 x 7/8	N/A	123	6PV	3E	12	Clutch-0144
2521261	TMc08-42080	435-52080	HD	Alternator	Show	BP	V - 3/4 x 7/8	N/A	123	4PV	3E	12	Clutch-0154
2521267	TMc08-42031	435-52031	HD	Ear	Show	Monolithic	V - 3/4 x 7/8	N/A	123	4PV	3E	12	Clutch-0154
2521269	TMc08-42087	435-52087	HD	Alternator	Show	BP	V - 3/4 x 7/8	N/A	123	8PV	3E	12	Clutch-0155
2521270	TMc08-42089	435-52089	HD	Alternator	Show	BP	V - 3/4 x 7/8	N/A	123	4PV	3E	24	Clutch-0143
2521306	TMc08-42085	435-52085	HD	Alternator	Show	BP	V - 3/4 x 7/8	N/A	135	2A	3E	24	Clutch-0150
2521307	TMc08-42033	435-52033	HD	Ear	Show	Monolithic	V - 3/4 x 7/8	N/A	125	2A	SL	12	Clutch-0159
2521308	TMc08-42076	435-52076	HD	Alternator	Show	BP	V - 3/4 x 7/8	N/A	123	4PV	SL	12	Clutch-0160
2521371	TMc08-21371	N/A	HD	Ear	Show	Monolithic	V - 3/4 x 7/8	N/A	123	8PV	SL	24	Clutch-0163
2521388	TMc08-42083	435-52083	HD	Alternator	N/A	BP	V - 3/4 x 7/8	N/A	135	2A	3E	12	Clutch-0151
2521449	TMc08-42210	435-52210	HD	Ear	N/A	Pad	H-Pad	N/A	135	2A	3E	12	Clutch-0151
2521457	TMc08-42074	435-52074	HD	Alternator	N/A	Monolithic	V - 3/4 x 7/8	N/A	123	6PV	SL	12	Clutch0161
2521459	TMc08-42040	435-52040	HD	Ear	N/A	Monolithic	V - 3/4 x 7/8	N/A	123	6PV	SL	12	Clutch-0161
2521569	TMc08-42008	435-52008	HD	Ear	N/A	Bolt	H - 3/4 x 7/8	J-05442	125	2A	SL	12	Clutch-0159
2521611	TMc08-42006	435-52006	HD	Ear	N/A	Bolt	H - 1 x 14	J-05446	123	6PV	3E	12	Clutch-0144
2521612	TMc08-42004	435-52004	HD	Ear	N/A	Bolt	H - 3/4 x 7/8	J-05442	120	6PV	3E	12	Clutch-0144
2521613	TMc08-42002	435-52002	HD	Ear	N/A	Pad	H-Pad	N/A	123	8PV	3E	12	Clutch-0155
2521614	TMc08-42036	435-52036	HD	Ear	N/A	Monolithic	V - 3/4 x 7/8	N/A	125	2A	SL	24	N/A
2521617	TMc08-42010	435-52010	HD	Ear	N/A	Bolt	V - 3/4 x 7/8	J-05440	125	2A	SL	12	Clutch-0159

Refrigerant			
R134a	R404a	R12	R22
●		●	

### TMc-11 Drawing



#### COMPRESSOR SPECIFICATIONS:

- MODEL TMc-08
- NUMBER OF CYLINDERS 10
- BORR X STROKE #31 X 11.5mm
- DISPLACEMENT 86.7cm<sup>3</sup>/rev
- SPEED RANGE 700-6000 RPM
- ROTATION DIRECTION CW OR CCK
- LEAKAGE (GAUGE):  
HIGH SIDE 2.9 MPa (30 kgf/cm<sup>2</sup>)  
LOW SIDE 1.5MPa (15 kgf/cm<sup>2</sup>)
- PRESSURE (GAUGE):  
HIGH SIDE 4.4 MPa (45 kgf/cm<sup>2</sup>)  
LOW SIDE 2.2 MPa (22.5 kgf/cm<sup>2</sup>)
- REFRIGERANT R134a
- LUBRICANT POE 100PG 150\*20cm<sup>3</sup>
- MASS 4.1 kg

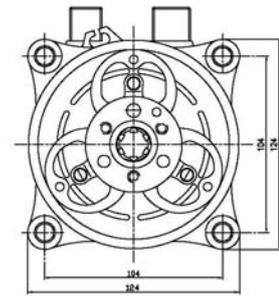
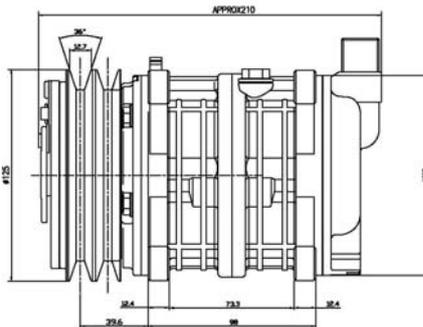
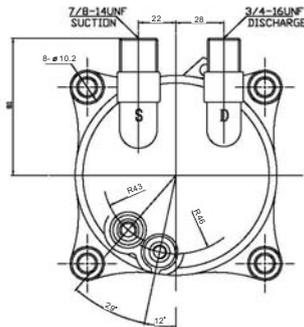
#### CLUTCH SPECIFICATIONS:

- VOLTAGE 24 VDC
- BELT 8PV
- MIN STATIC TORQUE 35 N.m (3.5 kgfm)
- MAX POWER CONSUMPTION 45W & 25° C
- MINIMUM PULL-IN VOLTAGE 17.5V & 90° C
- MASS 2.5 kg

UNCONTROLLED DOCUMENT

QTY	ITEM NO	PART/DWG NUMBER	REV	DESCRIPTION	MATERIAL SPEC	WEIGHT
1		21371	A	COMPRESSOR ASSEMBLY		
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS INTERPRET DIM AND TOL PER ASME Y14.5M-1994		CAD GENERATED DRAWING DO NOT MANUALLY UPDATE		www.PAERMA.COM		
THIRD ANGLE PROJECTION		DRAWN	DATE	TITLE COMPRESSOR TMc-08		
		CHECKED		24V, 123 MM O.D., 8PV CLUTCH		
		APPROVED		SIZE A3	CODE IDENT N°	DWG NO 21371
FINISH		ENG APPVL		SCALE NONE	CAD SYSTEM CAD	SHEET 1 OF 1

### TMc-08 Drawing



#### COMPRESSOR SPECIFICATIONS:

- MODEL TMc-11
- NUMBER OF CYLINDERS 10
- BORR X STROKE #31 X 15.7mm
- DISPLACEMENT 118cm<sup>3</sup>/rev
- SPEED RANGE 700-6000 RPM
- ROTATION DIRECTION CW OR CCK
- LEAKAGE (GAUGE):  
HIGH SIDE 2.9 MPa (30 kgf/cm<sup>2</sup>)  
LOW SIDE 1.5MPa (15 kgf/cm<sup>2</sup>)
- PRESSURE (GAUGE):  
HIGH SIDE 4.4 MPa (45 kgf/cm<sup>2</sup>)  
LOW SIDE 2.2 MPa (22.5 kgf/cm<sup>2</sup>)
- REFRIGERANT R134a
- LUBRICANT POE 100PG 150\*20cm<sup>3</sup>
- MASS 4.2 kg

#### CLUTCH SPECIFICATIONS:

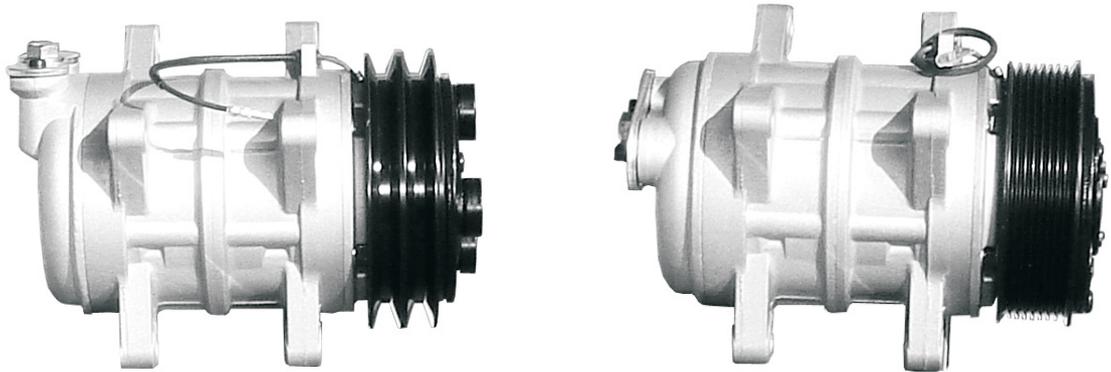
- VOLTAGE 12 VDC
- BELT 2A
- MIN STATIC TORQUE 49 N.m (5 kgfm)
- MAX POWER CONSUMPTION 45W & 25° C
- MINIMUM PULL-IN VOLTAGE 7.5V & 90° C
- MASS 2.3 kg

UNCONTROLLED DOCUMENT

QTY	ITEM NO	PART/DWG NUMBER	REV	DESCRIPTION	MATERIAL SPEC	WEIGHT
1		12120	A	COMPRESSOR ASSEMBLY		
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS INTERPRET DIM AND TOL PER ASME Y14.5M-1994		CAD GENERATED DRAWING DO NOT MANUALLY UPDATE		www.PAERMA.COM		
THIRD ANGLE PROJECTION		DRAWN	DATE	TITLE COMPRESSOR TMc-11		
		CHECKED		12V, 125 MM O.D., 2A CLUTCH		
		APPROVED		SIZE A3	CODE IDENT N°	DWG NO 12120
FINISH		ENG APPVL		SCALE NONE	CAD SYSTEM CAD	SHEET 1 OF 1

NEW MODEL TO REPLACE DKS COMPRESSORS

DKS 压缩机的全新换代产品



**PKS Series**  
**Used For Car and Truck Air Condition**

PKS系列  
用于轿车、卡车和特种车辆空调系统的压缩机

# PAERMA COMPRESSOR

NEW MODEL  
TO REPLACE DKS

Refrigerant			
R134a	R404a	R12	R22
●		●	

可以完全替代DKS系列



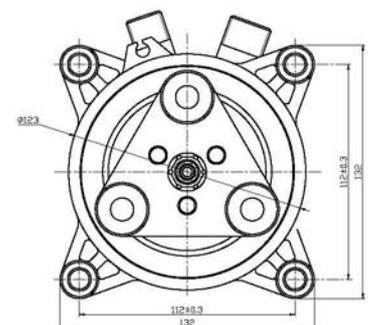
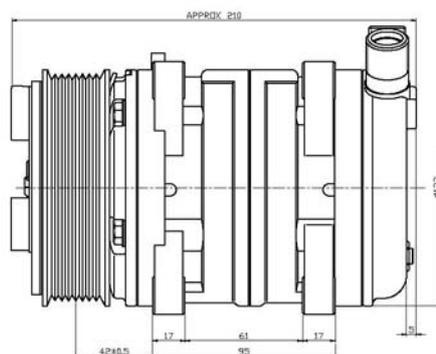
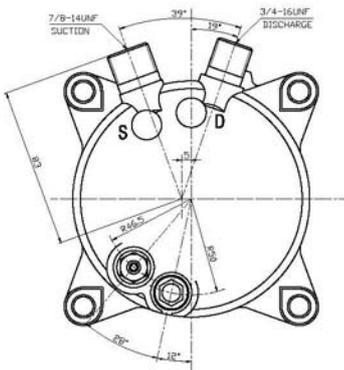
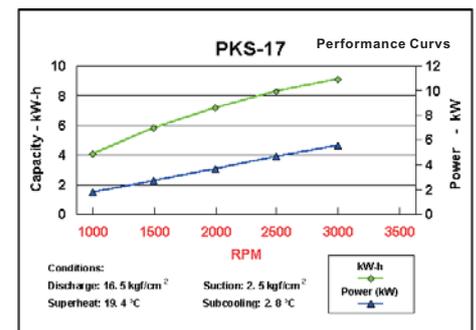
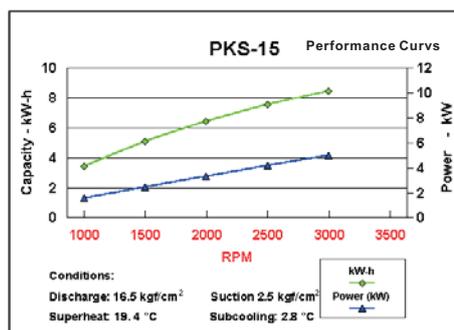
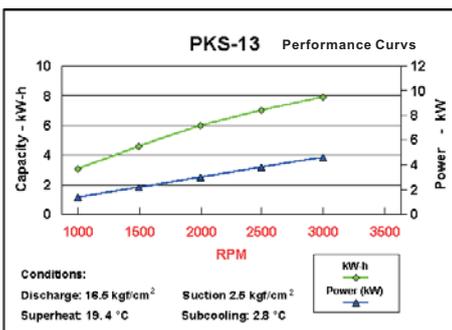
### IMPROVED NOW

- 1, Outlook is similar with TM.
- 2, Long life design: Improved ball shoe and gas kits.
- 3, More strong casting body.
- 4, All installation size is same as TM.
- 5, Oil Type: POE oil or PAG oil also.
- 6, 10 cylinders more better than 6 cylinder, the discharge will more smooth and the cooling capacity will more better.

### 全新改进

- 1, 外观更像 TM 压缩机。
- 2, 长寿命设计: 改进了球靴和阀片。
- 3, 更坚固的压缩机缸体。
- 4, 和 TM 压缩机完全一样的安装尺寸。
- 5, 能够同时适用于 POE 和 PAG 冷冻油
- 6, 独特的 10 汽缸设计比 6 汽缸的压缩机运行起来更平顺制冷效果更好

压缩机 Compressor	型号 Model	PKS-17	PKS-15	PKS-13
	每转排量 Displacement	165cc/r	145cc/r	135cc/r
	汽缸数 Number of Cylinder	10	10	10
	最大转速 DownShift Speed	6000 r/min	6000 r/min	6000 r/min
	制冷剂 Refrigerant	R134a	R134a	R134a
	润滑油 Lubrication Oil	POE 68PG or PAG	POE 68PG or PAG	POE 68PG or PAG
	旋转方向 Rotation	Clockwise / Anticlockwise	Clockwise / Anticlockwise	Clockwise / Anticlockwise
重量 Weight	4.6 KG	4.6 KG	4.6 KG	
离合器 Clutch	额定电压 Voltage	12V/ 24V	12V/ 24V	12V/ 24V
	脱离扭矩 Breakaway	49 N.m	49 N.m	49 N.m
	消耗功率 Power Consumption	45	45	45
	重量 Weight	2.3	2.3	2.3



Refrigerant			
R134a	R404a	R12	R22
●		●	

## APPLICATION OF PKS PKS压缩机的应用

# PAERMA COMPRESSOR

PAERMA Number 帕尔玛编号	<b>PKS15-15021</b>	PAERMA Number 帕尔玛编号	<b>PKS15-7640</b>
Reference 对应编号	HZ001-15021	Reference 对应编号	506011-7640
Compressor Type 压缩机	PKS-15	Compressor Type 压缩机	PKS-15
Refrigerant 制冷剂	R134a	Refrigerant 制冷剂	R134a
Oil 润滑油	POE 68PG	Oil 润滑油	POE 68PG
Application 应用	长城赛弗	Application 应用	郑州日产 UD22
			
PAERMA Number 帕尔玛编号	<b>PKS15-9480</b>	PAERMA Number 帕尔玛编号	<b>PKS15-9470</b>
Reference 对应编号	506011-9480	Reference 对应编号	506011-9470
Compressor Type 压缩机	PKS-15	Compressor Type 压缩机	PKS-15
Refrigerant 制冷剂	R134a	Refrigerant 制冷剂	R134a
Oil 润滑油	POE 68PG	Oil 润滑油	POE 68PG
Application 应用	庆铃皮卡 TF UC	Application 应用	庆铃重卡 TF UC
			
PAERMA Number 帕尔玛编号	<b>PKS15-15001</b>	PAERMA Number 帕尔玛编号	<b>PKS15-15016</b>
Reference 对应编号	HZ001-15001	Reference 对应编号	HZ001-15016
Compressor Type 压缩机	PKS-15	Compressor Type 压缩机	PKS-15
Refrigerant 制冷剂	R134a	Refrigerant 制冷剂	R134a
Oil 润滑油	POE 68PG	Oil 润滑油	POE 68PG
Application 应用	东南福利卡	Application 应用	北京福田欧曼重卡
			
PAERMA Number 帕尔玛编号	<b>PKS15-15030</b>	PAERMA Number 帕尔玛编号	<b>PKS15-15006</b>
Reference 对应编号	HZ001-15030	Reference 对应编号	HZ001
Compressor Type 压缩机	PKS-15	Compressor Type 压缩机	PKS-15
Refrigerant 制冷剂	R134a	Refrigerant 制冷剂	R134a
Oil 润滑油	POE 68PG	Oil 润滑油	POE 68PG
Application 应用	一汽解放J5过渡车型	Application 应用	北京福田欧曼重卡
			

# PAERMA COMPRESSOR

## APPLICATION OF PKS PKS压缩机的应用

Refrigerant			
R134a	R404a	R12	R22
●		●	

PAERMA Number 帕尔玛编号	<b>PKS15-15014</b>
Reference 对应编号	HZ001-15014
Compressor Type 压缩机	PKS15
Refrigerant 制冷剂	R134a
Oil 润滑油	POE68PG
Application 应用	北京福田欧曼重卡



PAERMA Number 帕尔玛编号	<b>PKS15-15015</b>
Reference 对应编号	HZ001-15015
Compressor Type 压缩机	PKS-15
Refrigerant 制冷剂	R134a
Oil 润滑油	POE68PG
Application 应用	北京福田欧曼重卡



PAERMA Number 帕尔玛编号	<b>PKS17-9930H</b>
Reference 对应编号	H506011-9930H
Compressor Type 压缩机	PKS-17
Refrigerant 制冷剂	R134a
Oil 润滑油	POE68PG
Application 应用	东南福利卡 (东风)



PAERMA Number 帕尔玛编号	<b>PKS17-7302</b>
Reference 对应编号	972670-7302
Compressor Type 压缩机	PKS-17
Refrigerant 制冷剂	R134a
Oil 润滑油	POE68PG
Application 应用	郑州日产 帕拉丁



PAERMA Number 帕尔玛编号	<b>PKS17-1060</b>
Reference 对应编号	506012-1060
Compressor Type 压缩机	PKS-17
Refrigerant 制冷剂	R134a
Oil 润滑油	POE68PG
Application 应用	郑州日产 帕拉丁



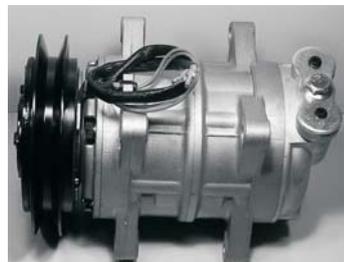
PAERMA Number 帕尔玛编号	<b>PKS17-8670</b>
Reference 对应编号	506011-8670
Compressor Type 压缩机	PKS-17
Refrigerant 制冷剂	R134a
Oil 润滑油	POE68PG
Application 应用	东风日产 (蓝鸟)



PAERMA Number 帕尔玛编号	<b>PKS17-1709</b>
Reference 对应编号	HZC0A0-1709
Compressor Type 压缩机	PKS-17
Refrigerant 制冷剂	R134a
Oil 润滑油	POE68PG
Application 应用	一汽解放29D换代卡车



PAERMA Number 帕尔玛编号	<b>PKS17-17010</b>
Reference 对应编号	HZ001-17010
Compressor Type 压缩机	PKS-17
Refrigerant 制冷剂	R134a
Oil 润滑油	POE68PG
Application 应用	扬州客车



Refrigerant			
R134a	R404a	R12	R22
●		●	

## APPLICATION OF PKS PKS压缩机的应用

# PAERMA COMPRESSOR

PAERMA Number 帕尔玛编号	<b>PKS17-17007</b>	PAERMA Number 帕尔玛编号	<b>PKS17-17019</b>
Reference 对应编号	HZ001-17007	Reference 对应编号	HZ001-17019
Compressor Type 压缩机	PKS-17	Compressor Type 压缩机	PKS-17
Refrigerant 制冷剂	R134a	Refrigerant 制冷剂	R134a
Oil 润滑油	POE68PG	Oil 润滑油	POE68PG
Application 应用	松芝双系统	Application 应用	一汽解放36D换代卡车
			
PAERMA Number 帕尔玛编号	<b>PKS17-17038</b>	PAERMA Number 帕尔玛编号	<b>PKS17-17044</b>
Reference 对应编号	HZ001-17038	Reference 对应编号	HZ001-17044
Compressor Type 压缩机	PKS-17	Compressor Type 压缩机	PKS-17
Refrigerant 制冷剂	R134a	Refrigerant 制冷剂	R134a
Oil 润滑油	POE68PG	Oil 润滑油	POE68PG
Application 应用	东风重卡	Application 应用	东风贝耳重卡
			
PAERMA Number 帕尔玛编号	<b>PKS17-17046</b>	PAERMA Number 帕尔玛编号	
Reference 对应编号	HZ001-17046	Reference 对应编号	
Compressor Type 压缩机	PKS-17	Compressor Type 压缩机	
Refrigerant 制冷剂	R134a	Refrigerant 制冷剂	
Oil 润滑油	POE68PG	Oil 润滑油	
Application 应用	洛托东方红	Application 应用	
			
PAERMA Number 帕尔玛编号		PAERMA Number 帕尔玛编号	
Reference 对应编号		Reference 对应编号	
Compressor Type 压缩机		Compressor Type 压缩机	
Refrigerant 制冷剂		Refrigerant 制冷剂	
Oil 润滑油		Oil 润滑油	
Application 应用		Application 应用	

SPECIAL DESIGN FOR **R404a**

专门为R404a系统开发的压缩机



TC Series  
Used For Transport Refrigerating System

TC系列  
用于运输冷藏和冷冻系统的压缩机

TC Summary

TC series are specially used for Transport Refrigerating System, There have some improved for the characteristic of R404a gas. The compressors of TC series have high dependability, high refrigeration ability, with low noise and low energy consumption advantages.

TC 系列概要

帕尔玛TC系列是专门用于运输冷藏系统的压缩机系列，针对R404a的特性进行了多项改良，具有高可靠性，高制冷能力，低噪音，低能耗的优点。

Refrigerant			
R134a	R404a	R12	R22
	●		●

## TC SERIES FOR R404a 用于R404a的TC系列

# PAERMA COMPRESSOR

### SPECIAL DESIGNED FOR R404a

The special design for cooling transportation systems.

Longer life: special design of oil pump can help the returning of the oil from system.

Durability: original Japanese shaft seal.

Dependability: original Sweden special plate steel.

Efficiency: new design for the inner structure.

Higher cooling capacity: higher precision for all the components.

### 专为冷藏冷冻设计

寿命更长:内置油泵强制回油设计

更耐用:采用本进口专用轴封

更可靠:采用瑞典特殊阀片钢

更高效:全新气道结构设计

更制冷:高精度零部件匹配

# R404a



压缩机 Compressor	型号 Model	PLM-22TC	PLM-16TC	PLM-15TC
	每转排量 Displacement	214.7cc/r	165cc/r	135cc/r
	汽缸数 Number of Cylinder	10	10	10
	最大转速 DownShift Speed	6000 r/min	6000 r/min	6000 r/min
	制冷剂 Refrigerant	R404a	R404a	R404a
	润滑油 Lubrication Oil	POE 32PG or 68PG	POE 32PG or 68PG	POE 32PG or 68PG
	旋转方向 Rotation	Clockwise / Anticlockwise	Clockwise / Anticlockwise	Clockwise / Anticlockwise
	重量 Weight	5.1 KG	4.6 KG	4.6 KG
离合器 Clutch	额定电压 Voltage	12V/ 24V	12V/ 24V	12V/ 24V
	脱离扭矩 Breakaway	50 N.m	49 N.m	49 N.m
	消耗功率 Power Consumption	43	45	45
	重量 Weight	3	2.3	2.3

压缩机 Compressor	型号 Model	PLM-13TC	PLM-11TC	PLM-08TC
	每转排量 Displacement	165cc/r	145cc/r	135cc/r
	汽缸数 Number of Cylinder	10	10	10
	最大转速 DownShift Speed	6000 r/min	6000 r/min	6000 r/min
	制冷剂 Refrigerant	R404a	R134a	R134a
	润滑油 Lubrication Oil	POE 32PG or 68PG	POE 32PG or 68PG	POE 32PG or 68PG
	旋转方向 Rotation	Clockwise / Anticlockwise	Clockwise / Anticlockwise	Clockwise / Anticlockwise
重量 Weight	4.6 KG	4.4 KG	4.3 KG	
离合器 Clutch	额定电压 Voltage	12V/ 24V	12V/ 24V	12V/ 24V
	脱离扭矩 Breakaway	49 N.m	49 N.m	49 N.m
	消耗功率 Power Consumption	45	45	45
	重量 Weight	2.3	2.3	2.3



Refrigerant			
R134a	R404a	R12	R22
	●		●

### THE COMPRESSOR OF THE 22TC FROM PAERMA

COMPRESSOR ASSEMBLY		COMPRESSOR压缩机			FITTING接头			CLUTCH离合器				
PAERMA PART NO.	HS Cross Reference	Type	Mount Style	Compressor Drawing	Fitting Type	Fitting Description	Fitting Drawing	Dia. ( mm )	Pulley Type	Notes*	( V )	Clutch Drawing
22TC-47244	N/A	HD	Direct	PLM-22TC	Pad	H-Pad	H001	141	8PV	3E	12	Clutch-1001
22TC-47246	N/A	HD	Direct	PLM-22TC	Pad	H-Pad	H001	141	8PV	3E	24	Clutch-1002
22TC-47240	N/A	HD	Direct	PLM-22TC	Pad	H-Pad	H001	150	2A	3E	12	Clutch-1003
22TC-47242	N/A	HD	Direct	PLM-22TC	Pad	H-Pad	H001	150	2A	3E	24	Clutch-1004
22TC-22001	N/A	HD	Direct	PLM-22TC	Pad	H-Pad	H001	150	B1	3E	12	Clutch-1005
22TC-22002	N/A	HD	Direct	PLM-22TC	Pad	H-Pad	H001	150	B1	3E	24	Clutch-1006
22TC-22003	N/A	HD	Direct	PLM-22TC	Pad	H-Pad	H001	150	2B	3E	12	Clutch-1007
22TC-22004	N/A	HD	Direct	PLM-22TC	Pad	H-Pad	H001	150	2B	3E	24	Clutch-1008

### THE COMPRESSOR OF THE 16TC FROM PAERMA

COMPRESSOR ASSEMBLY		COMPRESSOR压缩机			FITTING接头			CLUTCH离合器				
PAERMA Part Number	Thermoking Part Number	Type	Mount Style	Compressor Drawing	Fitting Type	Fitting Description	Fitting Drawing	Dia. ( mm )	Pulley Type	Notes*	( V )	Clutch Drawing
16TC-1248	2521248	TM 16XD	Ear	G1201-165	Pad	N/A	H001	135	A2	3E	12	
16TC-1589	2521589	TM 16XD	Ear	G1201-165	Pad	N/A	H001	123	PV8	3E	12	
16TC-1242	2521242	TM 16XD	Ear	G1201-165	Bolt	V-3/4 X 7/8	J-05440	135	A2	3E	12	
16TC-1244	2521244	TM 16XD	Ear	G1201-165	Bolt	V-3/4 X 7/8	J-05440	123	PV6	3E	12	
16TC-1247	2521247	TM 16XD	Ear	G1201-165	Bolt	V-3/4 X 7/8	J-05440	123	PV8	3E	12	
16TC-1249	2521249	TM 16XD	Ear	G1201-165	Bolt	V-3/4 X 7/8	J-05440	123	PV8	SL	12	
16TC-1397	2521397	TM 16XD	Ear	G1201-165	Pad	N/A	H001	123	PV6	SL	24	
16TC-1243	2521243	TM 16XD	Ear	G1201-165	Bolt	V-3/4 X 7/8	J-05440	135	A2	3E	24	
16TC-1634	2521634	TM 16XD	Ear	G1201-165	Bolt	H-3/4 X 7/8	J-05442	123	PV8	3E	24	
16TC-1245	2521245	TM 16XD	Ear	G1201-165	Bolt	V-3/4 X 7/8	J-05440	123	PV6	3E	24	
16TC-46228		HD	Ear	G1201-165	Pad	H - Pad	H001	159	1B	3E	24	Clutch-0149
16TC-46030		HD	Ear	G1201-165	Bolt	H - 3/4 X 7/8	J-05442	135	2A	3E	12	Clutch-0151
16TC-1601	2521249	TM 16XD	Ear	G1201-165	Bolt	H - 3/4 X 7/8	J-05442	123	PV8	SL	12	

### THE COMPRESSOR OF THE 15TC FROM PAERMA

COMPRESSOR ASSEMBLY		COMPRESSOR压缩机			FITTING接头			CLUTCH离合器				
PAERMA Part Number	Thermoking Part Number	Type	Mount Style	Compressor Drawing	Fitting Type	Fitting Description	Fitting Drawing	Dia. ( mm )	Pulley Type	Notes*	( V )	Clutch Drawing
15TC-1575	2521575	TM 15XD	Ear	G1201-145	Pad	N/A	H001	135	A2		12	
15TC-1582	2521582	TM 15XD	Ear	G1201-145	Pad	N/A	H001	123	PV8		12	
15TC-1237	2521237	TM 15XD	Ear	G1201-145	Bolt	V-3/4 X 7/8	J-05440	135	A2		12	
15TC-1239	2521239	TM 15XD	Ear	G1201-145	Bolt	V-3/4 X 7/8	J-05440	123	PV6	SL	12	
15TC-1241	2521241	TM 15XD	Ear	G1201-145	Bolt	V-3/4 X 7/8	J-05440	123	PV8	SL	12	
15TC-1635	2521635	TM 15XD	Ear	G1201-145	Bolt	H-3/4 X 7/8	J-05442	135	A2	SL	12	
15TC-1620	2521620	TM 15XD	Ear	G1201-145	Bolt	H-3/4 X 7/8	J-05442	123	PV8		12	
15TC-1632	2521632	TM 15XD	Ear	G1201-145	Bolt	V-3/4 X 7/8	J-05440	125		SL,OH	12	
15TC-1624	2521624	TM 15XD	Ear	G1201-145	Bolt	H-3/4 X 7/8	J-05442	123	PV8	SL	12	
15TC-1636	2521636	TM 15XD	Ear	G1201-145	Bolt	V-3/4 X 7/8	J-05440	123	PV8		24	
15TC-1633	2521633	TM 15XD	Ear	G1201-145	Bolt	H-3/4 X 7/8	J-05442	123	PV8	SL	24	
15TC-1396	2521396	TM 15XD	Ear	G1201-145	Pad	N/A	H001	123	PV6	SL	24	
15TC-1238	2521238	TM 15XD	Ear	G1201-145	Bolt	V-3/4 X 7/8	J-05440	135	A2		24	
15TC-1240	2521240	TM 15XD	Ear	G1201-145	Bolt	V-3/4 X 7/8	J-05440	123	PV6	SL	24	
15TC-45902		HD	Ear	G1201-145	Bolt	H - 3/4 X 7/8	J-05442	143	6PV	SL	12	Clutch-1022

Refrigerant			
R134a	R404a	R12	R22
	●		●

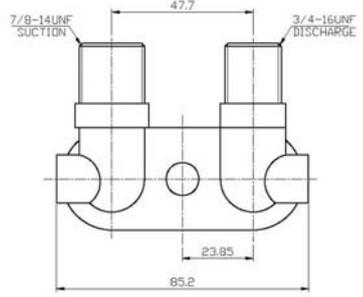
TC SERIES FOR R404a  
用于R404a的TC系列

**PAERMA**  
**COMPRESSOR**

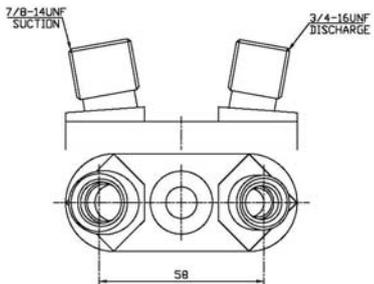
## THE COMPRESSOR OF THE 08TC FROM PAERMA

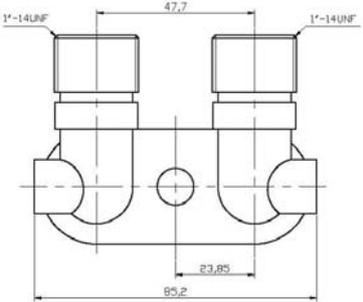
COMPRESSOR ASSEMBLY		COMPRESSOR压缩机			FITTING接头			CLUTCH离合器				
PAERMA Part Number	Thermoking Part Number	Type	Mount Style	Compressor Drawing	Fitting Type	Fitting Description	Fitting Drawing	Dia. (mm)	Pulley Type	Notes*	(V)	Clutch Drawing
08TC-42021		HD	Ear	Show	Monolithic	V - 3/4 x 7/8	N/A	135	2A	3E	12	Clutch-0151
08TC-42038		HD	Ear	Show	Monolithic	V - 3/4 x 7/8	N/A	123	6PV	3E	12	Clutch-0144
08TC-42070		HD	Alternator	Show	BP	V - 3/4 x 7/8	N/A	125	2A	SL	12	Clutch-0159
08TC-42072		HD	Alternator	Show	BP	V - 3/4 x 7/8	N/A	135	2A	SL	12	Clutch-0157
08TC-42084		HD	Ear	Show	Monolithic	V - 3/4 x 7/8	N/A	123	4PV	3E	24	Clutch-0143
08TC-42017		HD	Alternator	N/A	BP	V - 3/4 x 7/8	N/A	125	2A	3E	12	Clutch-0159
08TC-42081		HD	Alternator	Show	BP	V - 3/4 x 7/8	N/A	123	6PV	3E	12	Clutch-0144
08TC-42080		HD	Alternator	Show	BP	V - 3/4 x 7/8	N/A	123	4PV	3E	12	Clutch-0154
08TC-42031		HD	Ear	Show	Monolithic	V - 3/4 x 7/8	N/A	123	4PV	3E	12	Clutch-0154
08TC-42087		HD	Alternator	Show	BP	V - 3/4 x 7/8	N/A	123	8PV	3E	12	Clutch-0155
08TC-42089		HD	Alternator	Show	BP	V - 3/4 x 7/8	N/A	123	4PV	3E	24	Clutch-0143
08TC-42085		HD	Alternator	Show	BP	V - 3/4 x 7/8	N/A	135	2A	3E	24	Clutch-0150
08TC-42033		HD	Ear	Show	Monolithic	V - 3/4 x 7/8	N/A	125	2A	SL	12	Clutch-0159
08TC-42076		HD	Alternator	Show	BP	V - 3/4 x 7/8	N/A	123	4PV	SL	12	Clutch-0160
08TC-21371		HD	Ear	Show	Monolithic	V - 3/4 x 7/8	N/A	123	8PV	SL	24	Clutch-0163
08TC-42083		HD	Alternator	N/A	BP	V - 3/4 x 7/8	N/A	135	2A	3E	12	Clutch-0151
08TC-42210		HD	Ear	N/A	Pad	H-Pad	N/A	135	2A	3E	12	Clutch-0151
08TC-42074		HD	Alternator	N/A	Monolithic	V - 3/4 x 7/8	N/A	123	6PV	SL	12	Clutch-0161
08TC-42040		HD	Ear	N/A	Monolithic	V - 3/4 x 7/8	N/A	123	6PV	SL	12	Clutch-0161
08TC-42008		HD	Ear	N/A	Bolt	H - 3/4 x 7/8	J-05442	125	2A	SL	12	Clutch-0159
08TC-42006		HD	Ear	N/A	Bolt	H - 1 x 14	J-05446	123	6PV	3E	12	Clutch-0144
08TC-42004		HD	Ear	N/A	Bolt	H - 3/4 x 7/8	J-05442	120	6PV	3E	12	Clutch-0144
08TC-42002		HD	Ear	N/A	Pad	H-Pad	N/A	123	8PV	3E	12	Clutch-0155
08TC-42036		HD	Ear	N/A	Monolithic	V - 3/4 x 7/8	N/A	125	2A	SL	24	N/A
08TC-42010		HD	Ear	N/A	Bolt	V - 3/4 x 7/8	J-05440	125	2A	SL	12	Clutch-0159

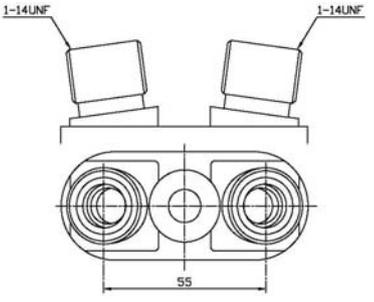
NUMBER 编号 <b>J-05439</b>		Drawing 图纸
SELTEC NUMBER	122-05439	N/A
ICE NUMBER	2560107	
3/4x7/8 Vertical Flare Fitting(FOR R-12 ONLY)		
		

NUMBER 编号 <b>J-05440</b>		Drawing 图纸
SELTEC NUMBER	122-05440	
ICE NUMBER	2560108 2560103	
3/4x7/8 Vertical O-Ring Fitting		
		

NUMBER 编号 <b>J-05441</b>		Drawing 图纸
SELTEC NUMBER	122-05441	N/A
ICE NUMBER	2560104 2560109	
3/4x7/8 Vertical Flare Fitting(FOR R-12 ONLY)		
		

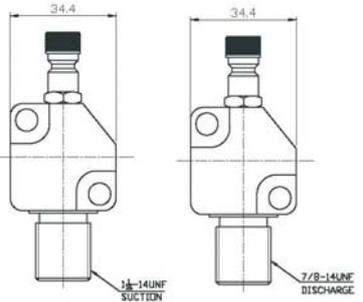
NUMBER 编号 <b>J-05442</b>		Drawing 图纸
SELTEC NUMBER	122-05442	
ICE NUMBER	2560110 2560105	
3/4x7/8 Horizontal O-Ring Fitting		
		

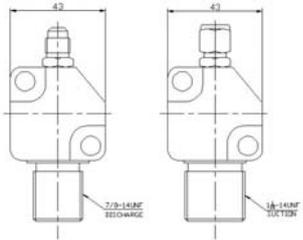
NUMBER 编号 <b>J-05444</b>		Drawing 图纸
SELTEC NUMBER	122-05444	
ICE NUMBER	2560111 2560130	
1"x14 Thread Vertical (Rotalock)O-Ring Fitting		
		

NUMBER 编号 <b>J-05446</b>		Drawing 图纸
SELTEC NUMBER	122-05446	
ICE NUMBER	2560112 2530105	
1"x14 Thread Horizontal O-Ring (Rotalock)Fitting		
		

NUMBER 编号 <b>J-05448</b>		Drawing 图纸
SELTEC NUMBER	122-05448	N/A
ICE NUMBER	2560129	
3/4x7/8 Insert O-Ring Fitting		
		

NUMBER 编号 <b>J-05449</b>		Drawing 图纸
SELTEC NUMBER	122-05449	N/A
ICE NUMBER		
3/4x7/8 Insert O-Ring GM Pand		
		

NUMBER 编号 <b>J-05401</b>		Drawing 图纸
SELTEC NUMBER		
ICE NUMBER		
1-1/16UNFx7/8-14UNF Fittings 英制罗纹, O型圈密封 ( R134a )		
		

NUMBER 编号 <b>J-05402</b>		Drawing 图纸
SELTEC NUMBER		
ICE NUMBER		
1-1/16UNFx7/8-14UNF Fittings 英制罗纹, O型圈密封 (FOR R-12 ONLY)		
		

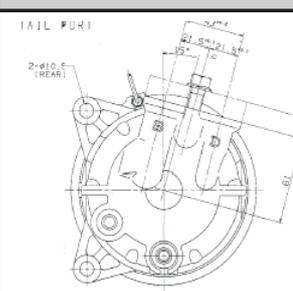
NUMBER 编号 <b>J-05403</b>		Drawing 图纸	
SELTEC NUMBER			
ICE NUMBER			
22 x 1.5    27 x 1.5    Fittings 公制罗纹, O型圈密封 (R134a)			

NUMBER 编号 <b>J-05404</b>		Drawing 图纸	
SELTEC NUMBER			
ICE NUMBER			
1-1/8-14UNFx7/8-16UNF Fittings 客人订做的特殊规格			

NUMBER 编号 <b>J-05405</b>		Drawing 图纸	
SELTEC NUMBER			
ICE NUMBER			
22 x 1.5    27 x 1.5    Fittings 公制 径向密封 R134a			

NUMBER 编号 <b>J-05406</b>		Drawing 图纸	
SELTEC NUMBER			N/A
ICE NUMBER			
22 x 1.5    27 x 1.5    Fittings 公制 径向密封 R12			

NUMBER 编号 <b>J-05410</b>		Drawing 图纸	
SELTEC NUMBER			N/A
ICE NUMBER			
英制接头, 带R12和R134a充注阀, PLM-43和PLM-48用			

<p><b>NUMBER 编号 H001</b></p> <p><b>DESCRIPTION 描述</b></p> <p>Pad Head, Used for TMc series and PKS series 适用于TMc系列和PKS系列</p> 	<p><b>NUMBER 编号 H002</b></p> <p><b>DESCRIPTION 描述</b></p> <p>Monolithic Head 3/4 Vertical O-Ring, 适用于TMc和PKS系列</p> 	<p><b>NUMBER 编号 H003</b></p> <p><b>DESCRIPTION 描述</b></p> <p>Vertical Pad Head, Used for TMc and PKS series 适用于TMc和PKS系列 (TM原装使用)</p> 	<p><b>NUMBER 编号 H004</b></p> <p><b>DESCRIPTION 描述</b></p> <p>Monolithic Head 3/4 Vertical O-Ring With sevice ports Used for TMc and PKS series</p> 
<p><b>NUMBER 编号 H005</b></p> <p><b>DESCRIPTION 描述</b></p> <p>Rear Head for PLM-32 up ports 适用于PLM-32上出口压缩机的后盖</p> 	<p><b>NUMBER 编号 H006</b></p> <p><b>DESCRIPTION 描述</b></p> <p>Rear Head for PLM-32 rear ports 适用于PLM-32后出口压缩机的后盖</p> 	<p><b>NUMBER 编号 H007</b></p> <p><b>DESCRIPTION 描述</b></p> <p>Rear Head for TMc&amp;PKS rear ports With sevice ports&amp;Pressure Relief Valve 适用于沃尔沃卡车的后盖</p> 	<p><b>NUMBER 编号 H008</b></p> <p><b>DESCRIPTION 描述</b></p> <p>For PKS &amp; TMc Vertical Pad Head, 适用于TMc和PKS系列</p> 
<p><b>NUMBER 编号 H009</b></p> <p><b>DESCRIPTION 描述</b></p> <p>For PKS &amp; TMc Vertical Pad Head, 适用于TMc和PKS系列</p> 	<p><b>NUMBER 编号 H010</b></p> <p><b>DESCRIPTION 描述</b></p> <p>For 16TC-08TC Series,适用于16TC到08TC</p> 	<p><b>NUMBER 编号 H020</b></p> <p><b>DESCRIPTION 描述</b></p> <p>For 22TC Series,适用于22TC</p> 	<p><b>NUMBER 编号 H020</b></p> <p><b>DESCRIPTION 描述</b></p> <p></p>
<p><b>NUMBER 编号 Q003</b></p> <p><b>DESCRIPTION 描述</b></p> <p>Front Head used for PLM-32/PLM-35/PLM-38 适用于PLM-32/PLM-35/PLM-38的前盖</p> 	<p><b>NUMBER 编号 Q004</b></p> <p><b>DESCRIPTION 描述</b></p> <p>Front Head used for PLM-22 适用于PLM-22的前盖</p> 	<p><b>NUMBER 编号 Q005</b></p> <p><b>DESCRIPTION 描述</b></p> <p>Front Head used for TMc 适用于TMc的前盖</p> 	<p><b>NUMBER 编号 Q006</b></p> <p><b>DESCRIPTION 描述</b></p> <p>Front Head used for PKS 适用于PKS的前盖</p> 

(V)	Clutch Description描述	ICE Reference	Cross Reference	PAERMA Product No.	(V)	Clutch Description描述	Cross Reference	PAERMA Product No.
12V	1A, Over Hang, Spring Leaf, 125 mm	2570147	624-19718	Clutch-0147	24V	B1 Groove, 150 mm, TM21	NA	Clutch-1006
12V	Variable Groove w/Dust Cover, 159 mm	2570170	624-19763	Clutch-0170	12V	2B Groove, 150 mm, TM21	NA	Clutch-1007
12V	Variable Groove, 3 Eye, 159mm	2570148	624-19719	Clutch-0148	24V	2B Groove, 150 mm, TM21	NA	Clutch-1008
12V	2A Groove, Spring Leaf, 125 mm	2570159	624-19749	Clutch-0159	12V	Variable Groove Spring Leaf, 159 mm	NA	Clutch-1009
12V	2A Groove, Spring Leaf, 2 wire, 125 mm	2570158	624-19740	Clutch-0158	24V	Variable Groove Spring Leaf, 159 mm	NA	Clutch-1010
12V	2A Groove, 3 Eye, 135 mm	2570151	624-19724	Clutch-0151	24V	6PV Groove, Spring Leaf, 123 mm		Clutch-1011
12V	2A Groove 3 Eye w/diode 135 mm	2570194	624-19726	Clutch-0194	24V	2A Groove, Spring Leaf, 135 mm		Clutch-1012
12V	2A Groove, 3 Eye w/diode, 135 mm	2570152	624-19725	Clutch-0152	12V	2B Groove, 5E ,180 mm, PLM-32 / PLM-38	NA	Clutch-1013
12V	2A Groove, Spring Leaf, 135 mm	2570157	624-19736	Clutch-0157	24V	2B Groove, 5E, 180 mm PLM-32 / PLM-38	NA	Clutch-1014
12V	2A Groove w/Dust Cover, 152 mm	2570172	624-19767	Clutch-0172	12V	2B Groove, 5E ,180 mm PLM-32 / PLM-38	NA	Clutch-1015
12V	4PV Groove, Spring Leaf, 123 mm	2570160	624-19750	Clutch-0160	24V	2B Groove 5E 180 mm PLM-32 /38	NA	Clutch-1016
12V	4PV Groove, 3 Eye, 123 mm	2570154	624-19730	Clutch-0154	12V	B Groove, 5E ,158 mm PLM-32	NA	Clutch-1017
12V	6PV Groove, 3 Eye, 123 mm	2570144	624-19709	Clutch-0144	24V	B Groove, 5E, 158 mm PLM-32	NA	Clutch-1018
12V	6PV Groove, Spring Leaf, 123 mm	2570161	624-19751	Clutch-0161	12V	2B Groove , 5E, 180mm PLM-45	NA	Clutch-1020
12V	8PV Groove, 3 Eye, 123 mm	2570155	624-19732	Clutch-0155	24V	2B Groove , 5E, 180mm PLM-45	NA	Clutch-1021
12V	8PV Groove, Spring Leaf, 123 mm	2570162	624-19752	Clutch-0162	12V	6PV Groove , 3E, 143mm	NA	Clutch-1022
12V	8PV Groove w/Dust Cover, 123 mm	2570171	624-19765	Clutch-0171	24V	6PV Groove , 3E, 143mm	NA	Clutch-1023
12V	2A Groove, 145 mm, 2 wire, TM21	2570211	624-19774	Clutch-0211	12V	10PV Groove 3E 141mm PLM-22	NA	Clutch-1030
12V	8PV Groove 141 mm 2 wire, TM21	2570213	624-19776	Clutch-0213	24V	10PV Groove 3E 141mm PLM-22	NA	Clutch-1031
24V	Variable Groove w/Dust Cover, 159 mm	2570173	624-19769	Clutch-0173	12V	6PV Groove , 3E, 123mm PKS15-6744带接插件	NA	Clutch-1032
24V	Variable Groove, 3 Eye, 159 mm	2570149	624-19720	Clutch-0149	24V	6PV Groove , 3E, 123mm PKS15-6744带接插件	NA	Clutch-1033
24V	2A Groove w/Dust Cover, 152 mm	2570175	624-19773	Clutch-0175	12V	10PV Groove 3E 127mm PLM-22	NA	Clutch-1034
24V	2A Groove, 3 Eye, 135 mm	2570150	624-19723	Clutch-0150	24V	10PV Groove 3E 127mm PLM-22	NA	Clutch-1035
24V	4PV Groove, 3 Eye, 123 mm	2570143	624-19707	Clutch-0143	24V	1B Groove SL 145mm TMc & PKS	NA	Clutch-1036
24V	6PV Groove, 3 Eye, 123 mm	2570153	624-19728	Clutch-0153	12V	1B Groove SL 145mm TMc & PKS	NA	Clutch-1037
24V	8PV Groove w/dust cover, 123 mm	2570174	624-19771	Clutch-0174	24V	10 Groove , for PLM-45	NA	Clutch-1038
24V	8PV Groove, 3 Eye, 123 mm	2570156	624-19734	Clutch-0156	12V	10 Groove , for PLM-45	NA	Clutch-1039
24V	8PV Groove, Spring Leaf, 123 mm	2570163	624-19754	Clutch-0163	12V	2A Groove, 5E ,180 mm, PLM-32 / PLM-38	NA	Clutch-1040
24V	2A Groove, 145 mm, 2 wire, TM21	2570209	624-19778	Clutch-0209	24V	2A Groove, 5E, 180 mm, PLM-32 / PLM-38	NA	Clutch-1041
24V	8PV Groove, 141 mm, 2 wire, TM21	2570215	624-19779	Clutch-0215	12V	PV8 Groove, 5E ,180 mm, PLM-32 / PLM-38	NA	Clutch-1042
24V	2A Groove, 3 Eye, 135mm, w/weather pack connector	2570231	NA	Clutch-0231	24V	PV8 Groove, 5E, 180 mm, PLM-32 / PLM-38	NA	Clutch-1043
12V	8PV Groove, 3 Eye, 123mm, w/weather pack connector	2570250	NA	Clutch-0250	12V	B Groove, 5E ,180 mm, PLM-32 / PLM-38	NA	Clutch-1044
12V	8PV Groove, Leaf Spring, 123mm, w/diode	2570235	NA	Clutch-0235	24V	B Groove, 5E, 180 mm, PLM-32 / PLM-38	NA	Clutch-1045
24V	1A Groove, 3 Eye, 125mm, Overhung	2570146	NA	Clutch-0146	12V	B Groove, 3E ,135 mm, TMc/PM/PKS India Customer need	NA	Clutch-1046
12V	2A Groove,5 Eye, 158mm, TM31	2570165	NA	Clutch-0165	24V	B Groove, 3E ,135 mm, TMc/PM/PKS India Customer need	NA	Clutch-1047
24V	2A Groove,5 Eye, 158mm, TM31	2570164	NA	Clutch-0164	24V	2A Groove,5 Eye, 152.4mm, TM31	NA	Clutch-0164A
12V	2B Groove,5 Eye, 158mm, TM31	2570166	NA	Clutch-0166	12V	7PV Groove, 3 Eye, 123 mm TMc		Clutch-1048
24V	2B Groove,5 Eye, 158mm, TM31	2570167	NA	Clutch-0167	24V	7PV Groove, 3 Eye, 123 mm TMc		Clutch-1049
12V	8PV Groove,5 Eye, 156mm, TM31	2570168	NA	Clutch-0168	12V	1B, SL, 138 mm TMc		Clutch-1050
24V	8PV Groove,5 Eye, 156mm, TM31	2570169	NA	Clutch-0169	24V	1B, SL, 138 mm TMc	506491-5930	Clutch-5930
12V	8PV Groove, 141 mm, TM21		NA	Clutch-1001	24V	2A Groove, 145 mm, TM21	NA	Clutch-1004
24V	8PV Groove, 141mm, TM21		NA	Clutch-1002	12V	B1 Groove, 150 mm, TM21	NA	Clutch-1005
12V	2A Groove, 145 mm, TM21		NA	Clutch-1003				

ITEM	PAERMA NUMBER 编号	DESCRIPTION 描述	
	<b>Coil-19725</b>	TMc Series Coil 12V	TMc系列压缩机用12V线圈
	<b>Coil-19729</b>	TMc Series Coil 24V	TMc系列压缩机用24V线圈
	<b>Coil-19737</b>	12 V Coil for PLM-22/26	PLM-22系列压缩机用12V线圈
	<b>Coil-19735</b>	24 V Coil for PLM-22/26	PLM-22系列压缩机用24V线圈
	<b>Coil-19001</b>	24 V Coil for PLM-32/38/43/48	PLM-32/38/43/48系列压缩机用12V线圈
	<b>Coil-19002</b>	12 V Coil for PLM-32/38/43/48	PLM-38/38/43/48系列压缩机用24V线圈
	<b>Coil-19003</b>	12 V Coil for PKS Series	PKS系列压缩机用12V线圈
	<b>Coil-19004</b>	24 V Coil for PKS Series	PKS系列压缩机用24V线圈
	<b>Coil-19005</b>	12 V Coil for 10Pac Series	10Pac系列压缩机用12V线圈
	<b>Coil-19006</b>	24 V Coil for 10Pac Series	10Pac系列压缩机用24V线圈
	<b>Coil-19007</b>	12 V Coil for FSc10 Series	FSc10系列压缩机用12V线圈
	<b>Coil-19008</b>	24 V Coil for FSc10 Series	FSc10系列压缩机用24V线圈
	<b>PRV-05476</b>	Pressure Relief Valve "PRV" with o-ring 泻压阀,带O型圈	
	<b>PLATE-01</b>	3 Eye used for TMc	3眼吸盘 适用TMc
	<b>PLATE-04</b>	Leaf Spring (L.S.) for TMc	弹簧片吸盘 适用TMc
	<b>PLATE-05</b>	Leaf Spring (L.S.) for PKS Series	弹簧片吸盘 适用PKS系列
	<b>PLATE-06</b>	5 Eye used for PLM32/38/43	6眼吸盘 适用PLM-32/38/43
	<b>PLATE-07</b>	3 Eye used for PLM-22/26	3眼吸盘 适用PLM-22/26
	<b>ShaftSeal-01</b>	Shaft Seal for PLM-32/38/43	轴封PLM-32/38/43使用
	<b>ShaftSeal-02</b>	Shaft Seal for PLM-22/TMc/10Pac	轴封PLM-22/TMc/10Pac使用
	<b>ShaftSeal-03</b>	Shaft Seal For TC Series	轴封TC系列使用
	<b>GasKit-01</b>	Gas Kit for PLM-43	阀片使用于PLM-43
	<b>GasKit-02</b>	Gas Kit for PLM-32/38	阀片使用于PLM-32/38
	<b>GasKit-03</b>	Gas Kit for PLM-22/26	阀片使用于PLM-22/26
	<b>Gaskit-04</b>	Gas Kit for TMc/10Pac	阀片使用于TMc/10Pac
	<b>Gaskit-05</b>	Gas Kit for TC series	阀片使用于TC系列



**10PAc Series**  
New model to replace 10PA

10PAc 系列  
用于替代10PA系列的压缩机



**FSc10c Series**  
New model to replace Fs10

FSc10 系列  
用于替代FS10系列的压缩机



**5Hc & 7Hc Series**  
New model to replace SD Compressor

5Hc和7Hc系列  
用于替代三电系列的压缩机

# PAERMA COMPRESSOR

10PAc SERIES  
10PAc 系列压缩机

REFRIGERANT			
R134a	R404a	R12	R22
●		●	



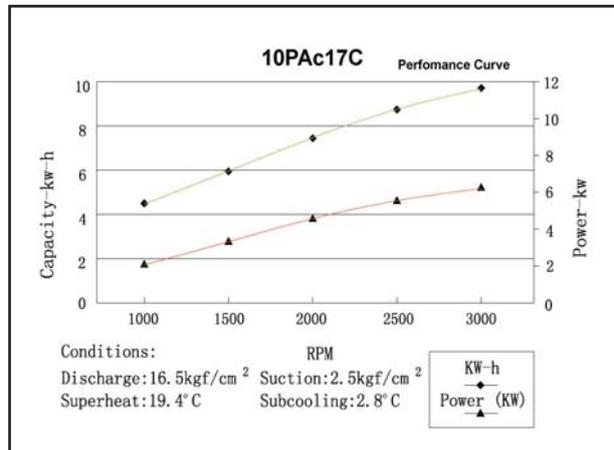
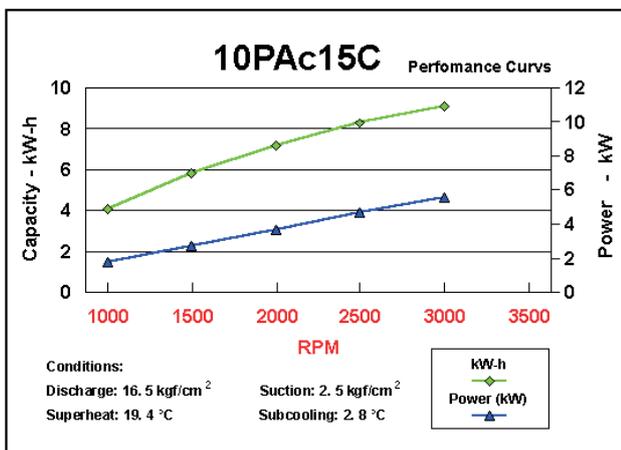
**PAERMA 10PAc SERIES CAN REPLACE  
ALL RANGE OF 10PA COMPRESSOR**

帕尔玛10PAc系列压缩机可以完全  
替代10PA系列压缩机

压缩机 Compressor	型号 Model	10PAc30C	10PAc20C	10PAc17C/J/K	10PAc15C	10PAc13C	10Bc10
	每转排量 Displacement	313cc/r	214.7cc/r	180cc/r	165cc/r	135cc/r	100cc/r
	汽缸数 Number of Cylinder	10	10	10	10	10	10
	最大转速 DownShift Speed	6000 r/min					
	制冷剂 Refrigerant	R134a	R134a	R134a	R404a	R134a	R134a
	润滑油 Lubrication Oil	POE 68PG					
	旋转方向 Rotation	Clockwise / Anticlockwise					
重量 Weight	10KG	5.1 KG	4.6 KG	4.6 KG	4.6 KG	4.2 KG	
离合器 Clutch	额定电压 Voltage	12V/ 24V					
	脱离扭矩 Breakaway	90 N.m	50 N.m	49 N.m	49 N.m	49 N.m	49 N.m
	消耗功率 Power Consumption	48	43	45	45	45	45
	重量 Weight	4.5	3	2.3	2.3	2.3	2.1

More compact  
Reduced weight  
Improved shaft seal, reducing leakage  
Improved interior cooling  
Noise reduction by using new body

更紧凑  
重量更轻  
改进的轴封和轴, 减少了泄漏机率  
更强的制冷能力  
使用新结构, 降低了噪音

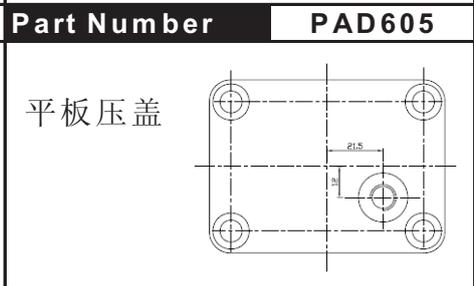
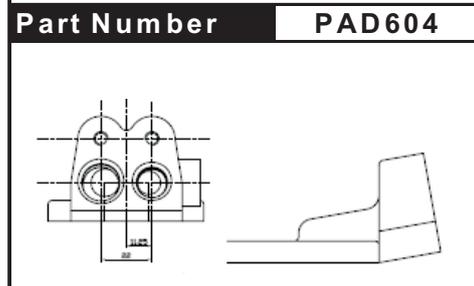
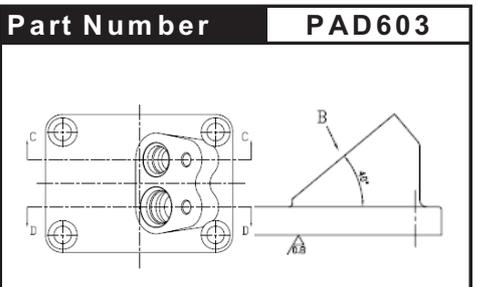
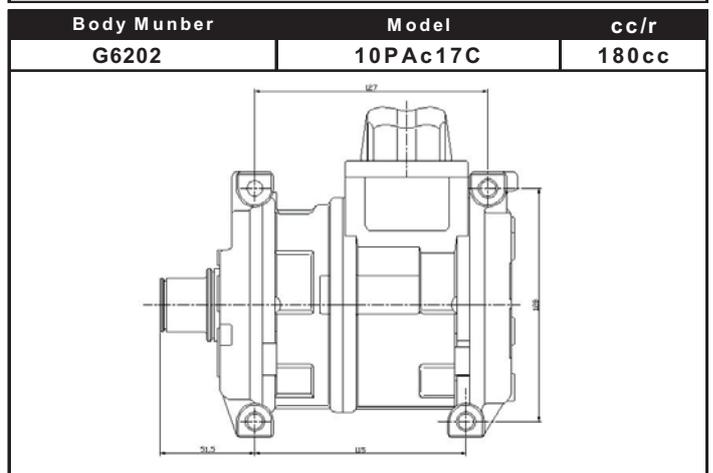
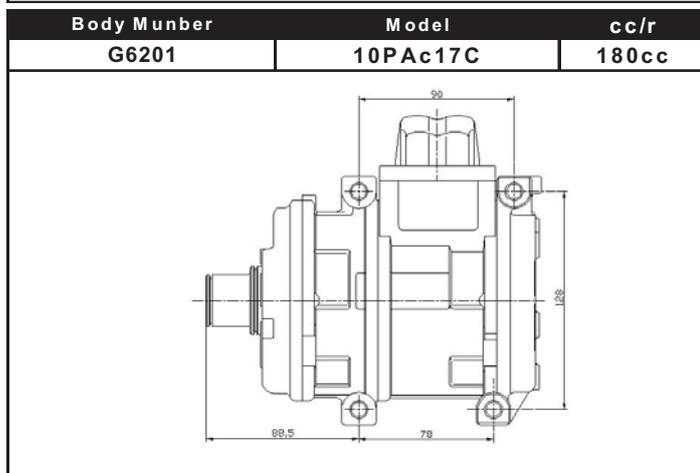
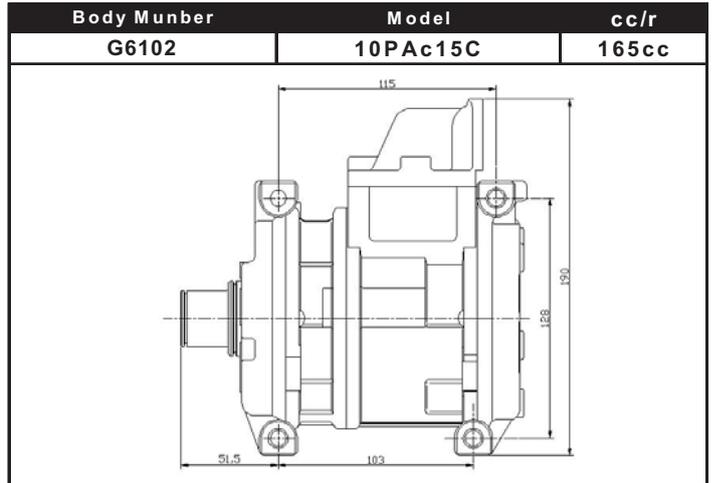
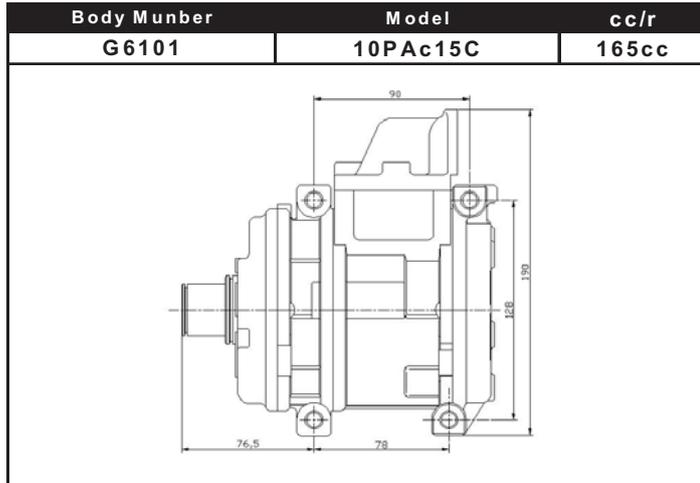


REFRIGERANT			
R134a	R404a	R12	R22
●		●	

**BODY OF 10Pac**  
10Pac 的缸体

# PAERMA

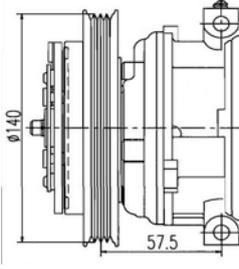
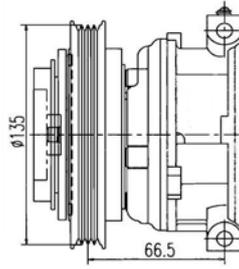
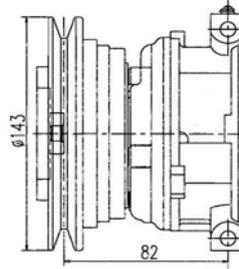
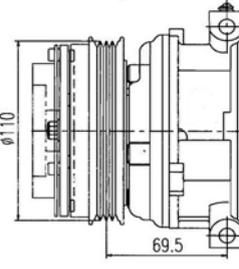
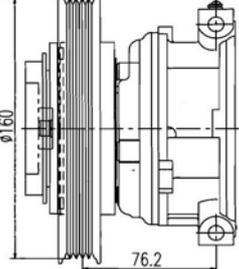
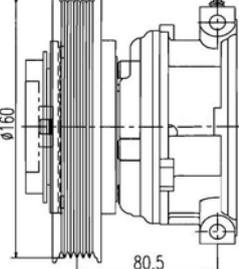
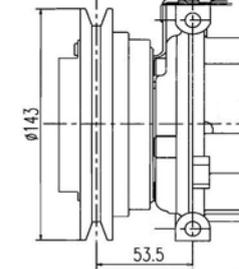
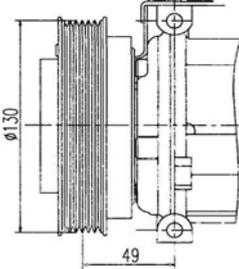
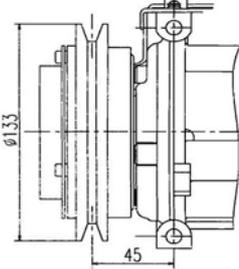
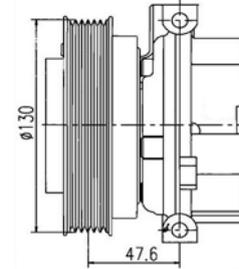
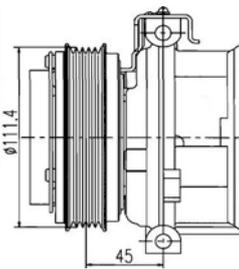
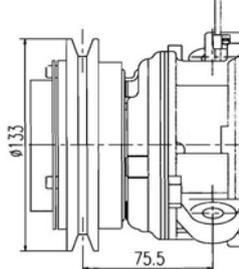
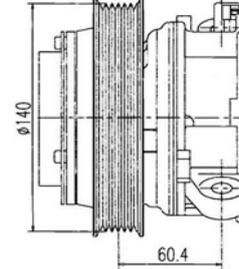
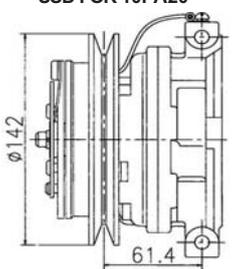
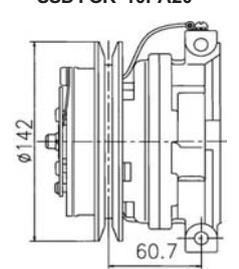
## COMPRESSOR



# PAERMA COMPRESSOR

CLUTCH OF 10PAc  
10PAc 的离合器

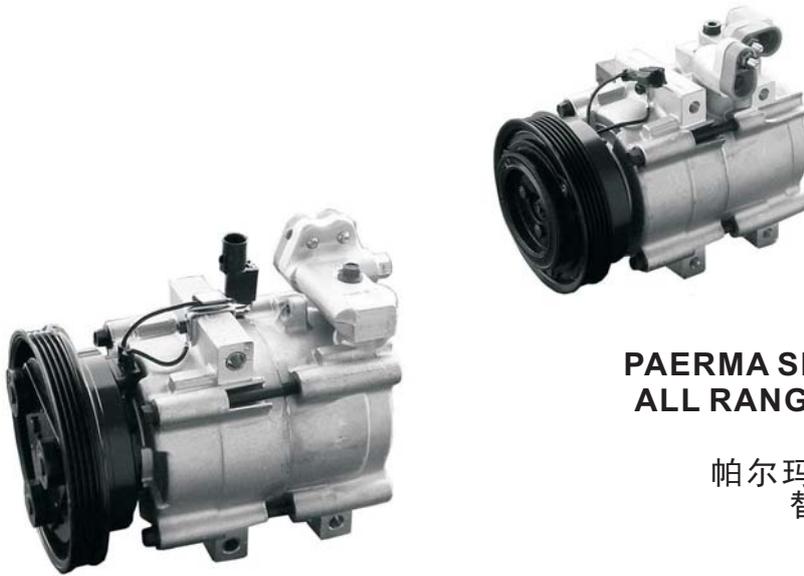
REFRIGERANT			
R134a	R404a	R12	R22
●		●	

<table border="1"> <tr> <th>Clutch No.</th> <th colspan="2">Clutch-69409</th> </tr> <tr> <td>PV4</td> <td>140mm</td> <td>12V</td> </tr> </table> 	Clutch No.	Clutch-69409		PV4	140mm	12V	<table border="1"> <tr> <th>Clutch No.</th> <th colspan="2">Clutch-69417</th> </tr> <tr> <td>PV4</td> <td>135mm</td> <td>12V</td> </tr> </table> 	Clutch No.	Clutch-69417		PV4	135mm	12V	<table border="1"> <tr> <th>Clutch No.</th> <th colspan="2">Clutch-69133</th> </tr> <tr> <td>A1</td> <td>143mm</td> <td>12V</td> </tr> </table> 	Clutch No.	Clutch-69133		A1	143mm	12V
Clutch No.	Clutch-69409																			
PV4	140mm	12V																		
Clutch No.	Clutch-69417																			
PV4	135mm	12V																		
Clutch No.	Clutch-69133																			
A1	143mm	12V																		
<table border="1"> <tr> <th>Clutch No.</th> <th colspan="2">Clutch-69408/69420</th> </tr> <tr> <td>PV4</td> <td>110mm</td> <td>12V</td> </tr> </table> 	Clutch No.	Clutch-69408/69420		PV4	110mm	12V	<table border="1"> <tr> <th>Clutch No.</th> <th colspan="2">Clutch-69510</th> </tr> <tr> <td>PV5</td> <td>160mm</td> <td>12V</td> </tr> </table> 	Clutch No.	Clutch-69510		PV5	160mm	12V	<table border="1"> <tr> <th>Clutch No.</th> <th colspan="2">Clutch-69634</th> </tr> <tr> <td>PV6</td> <td>160mm</td> <td>12V</td> </tr> </table> 	Clutch No.	Clutch-69634		PV6	160mm	12V
Clutch No.	Clutch-69408/69420																			
PV4	110mm	12V																		
Clutch No.	Clutch-69510																			
PV5	160mm	12V																		
Clutch No.	Clutch-69634																			
PV6	160mm	12V																		
<table border="1"> <tr> <th>Clutch No.</th> <th colspan="2">Clutch-69122</th> </tr> <tr> <td>A1</td> <td>143mm</td> <td>12V</td> </tr> </table> 	Clutch No.	Clutch-69122		A1	143mm	12V	<table border="1"> <tr> <th>Clutch No.</th> <th colspan="2">Clutch-69623</th> </tr> <tr> <td>PV6</td> <td>130mm</td> <td>12V</td> </tr> </table> 	Clutch No.	Clutch-69623		PV6	130mm	12V	<table border="1"> <tr> <th>Clutch No.</th> <th colspan="2">Clutch-69123</th> </tr> <tr> <td>A1</td> <td>133mm</td> <td>12V</td> </tr> </table> 	Clutch No.	Clutch-69123		A1	133mm	12V
Clutch No.	Clutch-69122																			
A1	143mm	12V																		
Clutch No.	Clutch-69623																			
PV6	130mm	12V																		
Clutch No.	Clutch-69123																			
A1	133mm	12V																		
<table border="1"> <tr> <th>Clutch No.</th> <th colspan="2">Clutch-69630</th> </tr> <tr> <td>PV6</td> <td>130mm</td> <td>12V</td> </tr> </table> 	Clutch No.	Clutch-69630		PV6	130mm	12V	<table border="1"> <tr> <th>Clutch No.</th> <th colspan="2">Clutch-69509</th> </tr> <tr> <td>PV5</td> <td>111.4mm</td> <td>12V</td> </tr> </table> 	Clutch No.	Clutch-69509		PV5	111.4mm	12V	<table border="1"> <tr> <th>Clutch No.</th> <th colspan="2">Clutch-69130</th> </tr> <tr> <td>A1</td> <td>133mm</td> <td>12V</td> </tr> </table> 	Clutch No.	Clutch-69130		A1	133mm	12V
Clutch No.	Clutch-69630																			
PV6	130mm	12V																		
Clutch No.	Clutch-69509																			
PV5	111.4mm	12V																		
Clutch No.	Clutch-69130																			
A1	133mm	12V																		
<table border="1"> <tr> <th>Clutch No.</th> <th colspan="2">Clutch-69632</th> </tr> <tr> <td>PV6</td> <td>140mm</td> <td>12V</td> </tr> </table> 	Clutch No.	Clutch-69632		PV6	140mm	12V	<table border="1"> <tr> <th>Clutch No.</th> <th colspan="2">Clutch-69101</th> </tr> <tr> <td>A1</td> <td>142mm</td> <td>12V</td> </tr> </table> <p>USD FOR 10PA20</p> 	Clutch No.	Clutch-69101		A1	142mm	12V	<table border="1"> <tr> <th>Clutch No.</th> <th colspan="2">Clutch-69146/69145</th> </tr> <tr> <td>A1</td> <td>142mm</td> <td>12V</td> </tr> </table> <p>USD FOR 10PA20</p> 	Clutch No.	Clutch-69146/69145		A1	142mm	12V
Clutch No.	Clutch-69632																			
PV6	140mm	12V																		
Clutch No.	Clutch-69101																			
A1	142mm	12V																		
Clutch No.	Clutch-69146/69145																			
A1	142mm	12V																		

REFRIGERANT			
R134a	R404a	R12	R22
●		●	

NEW MODEL TO REPLACE  
FS-10 COMPRESSOR

**PAERMA**  
COMPRESSOR



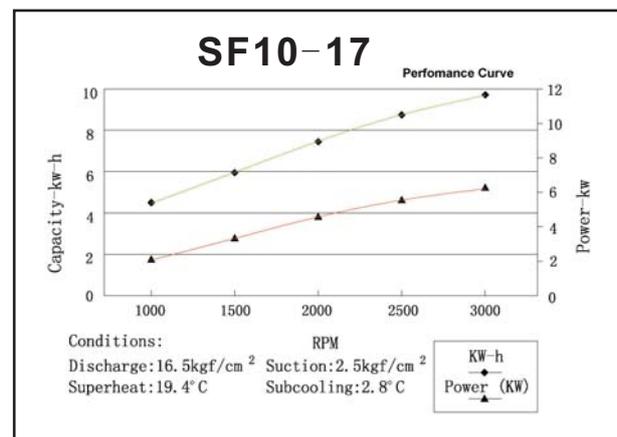
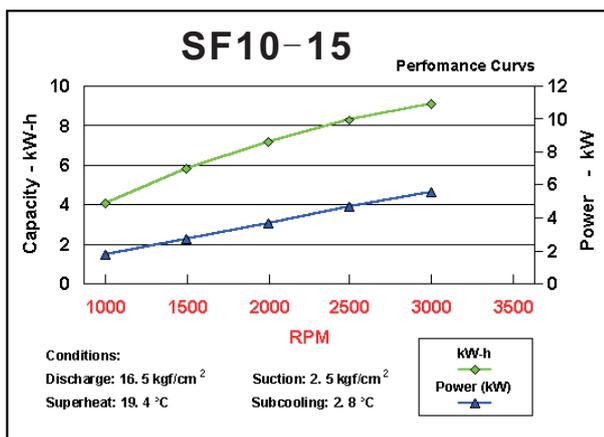
PAERMA SF 10 SERIES CAN REPLACE  
ALL RANGE OF FS-10 COMPRESSOR

帕尔玛SF10系列压缩机可以完全  
替代FS-10系列压缩机

压缩机 Compressor	型号 Model	SF10-17	SF10-15
	每转排量 Displacement	180cc/r	165cc/r
	汽缸数 Number of Cylinder	10	10
	最大转速 DownShift Speed	7000	7000
	制冷剂 Refrigerant	R-134a	R-134a
	润滑油 Lubrication Oil	POE 68PG	POE 68PG
	旋转方向 Rotation	Clockwise顺时针	Clickwise顺时针
离合器 Clutch	重量 Weight	4.6	4.6
	额定电压 Voltage	12V / 24V	12V / 24V
	脱离扭矩 Breakaway	49 N.m	49 N.m
	消耗功率 Power Consumption	45	45
	重量 Weight	2.3	2.3

More compact  
Reduced weight  
Improved shaft seal, reducing leakage  
Improved interior cooling  
Noise reduction by using new body

更紧凑  
重量更轻  
改进的轴封和轴, 减少了泄漏机率  
更强的制冷能力  
使用新结构, 降低了噪音



# PAERMA COMPRESSOR

## BODY OF SF-10 SF-10的缸体

REFRIGERANT			
R134a	R404a	R12	R22
●		●	

Body Number		Drawing	
<b>G5101</b>			
Model	cc/r		
SF10A-17	180cc		
SF10A-15	165cc		
UNCONTROLLED DOCUMENT			

Body Number		Drawing	
<b>G5102</b>			
Model	cc/r		
SF10B-17	180cc		
SF10B-15	165cc		
UNCONTROLLED DOCUMENT			

Body Number		Drawing	
<b>G5103</b>			
Model	cc/r		
SF10C-17	180cc		
SF10C-15	165cc		
UNCONTROLLED DOCUMENT			

REFRIGERANT			
R134a	R404a	R12	R22
●		●	

**BODY OF SF-10**  
SF-10的缸体

**PAERMA**  
**COMPRESSOR**

Body Munber		Drawing	
<b>G5201</b>			
Model	cc/r		
SF10D-17	180cc		
SF10D-15	165cc		

UNCONTROLLED DOCUMENT

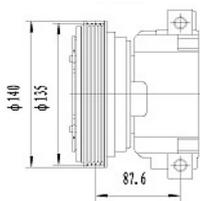
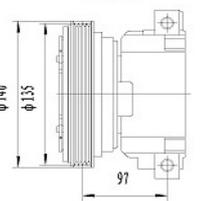
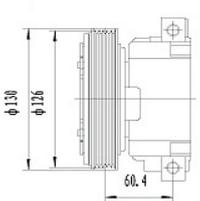
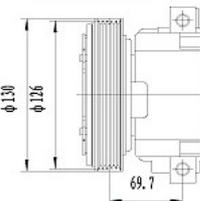
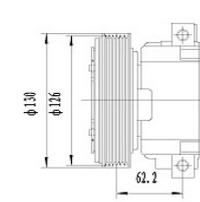
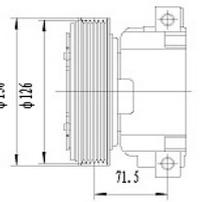
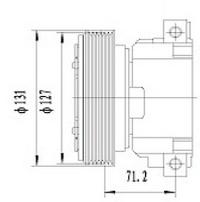
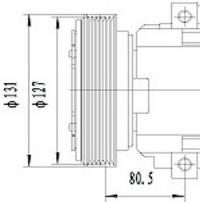
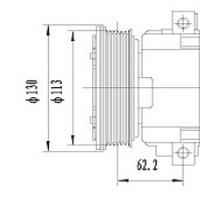
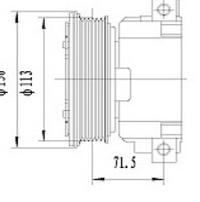
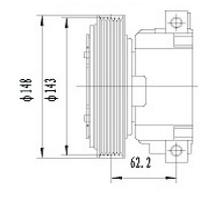
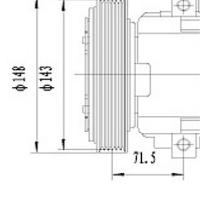
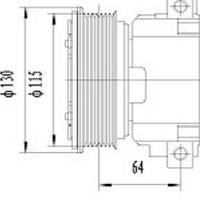
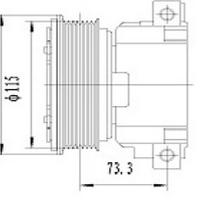
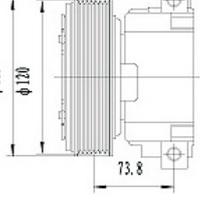
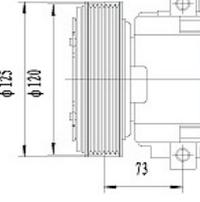
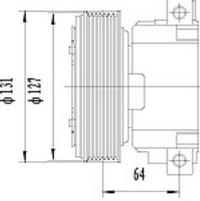
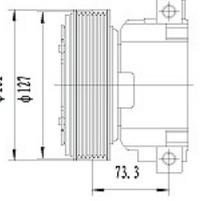
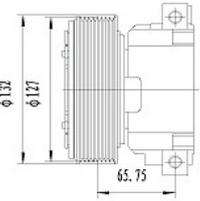
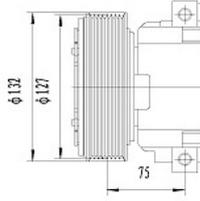
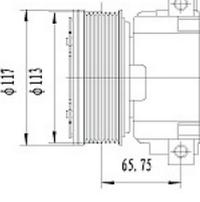
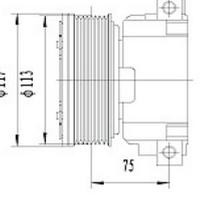
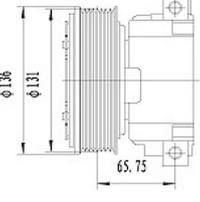
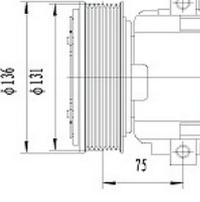
Body Munber		Drawing	
<b>G5301</b>			
Model	cc/r		
SF10E-17	180cc		
SF10E-15	165cc		

UNCONTROLLED DOCUMENT

# PAERMA COMPRESSOR

## CLUTCH OF SF-10 SF-10的离合器

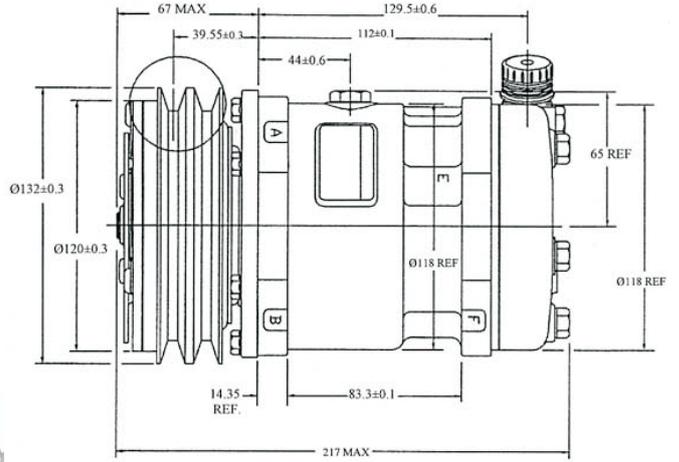
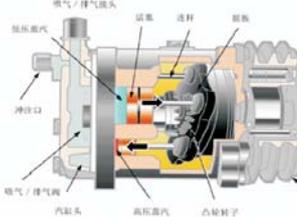
REFRIGERANT			
R134a	R404a	R12	R22
●		●	

<b>Clutch No.</b> Clutch-52405 	<b>Pully</b> PV4 Voltage 12V Used for FSc10D body only 	<b>Clutch No.</b> Clutch-52506 	<b>Pully</b> PV5 Voltage 12V Used for FSc10D body only 
<b>Clutch No.</b> Clutch-52603 	<b>Pully</b> PV6 Voltage 12V Used for FSc10D body only 	<b>Clutch No.</b> Clutch-52604 	<b>Pully</b> PV6 Voltage 12V Used for FSc10D body only 
<b>Clutch No.</b> Clutch-52605 	<b>Pully</b> PV6 Voltage 12V Used for FSc10D body only 	<b>Clutch No.</b> Clutch-52606 	<b>Pully</b> PV6 Voltage 12V Used for FSc10D body only 
<b>Clutch No.</b> Clutch-52702 	<b>Pully</b> PV7 Voltage 12V Used for FSc10D body only 	<b>Clutch No.</b> Clutch-52704 	<b>Pully</b> PV7 Voltage 12V Used for FSc10D body only 
<b>Clutch No.</b> Clutch-52705 	<b>Pully</b> PV7 Voltage 12V Used for FSc10D body only 	<b>Clutch No.</b> Clutch-52801 	<b>Pully</b> PV8 Voltage 12V Used for FSc10D body only 
<b>Clutch No.</b> Clutch-52802 	<b>Pully</b> PV8 Voltage 12V Used for FSc10D body only 	<b>Clutch No.</b> Clutch-52801 	<b>Pully</b> PV8 Voltage 12V Used for FSc10D body only 

REFRIGERANT			
R134a	R404a	R12	R22
●		●	

7H & 5H SERIES  
7H和5H系列

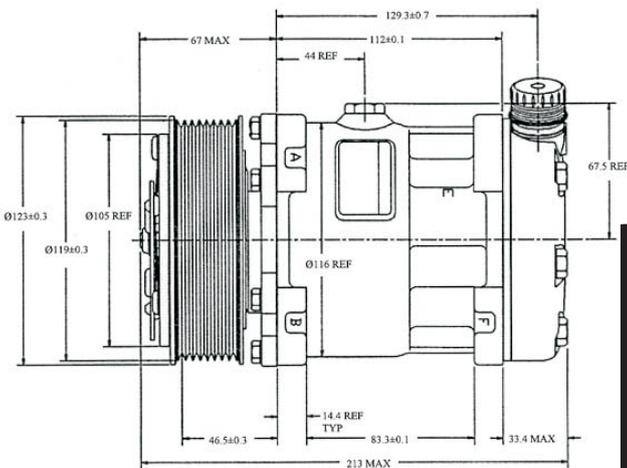
# PAERMA COMPRESSOR



Compressor Specifications

DISPLACEMENT PER REVOLUTION	138 cc / rev. (8.4 cu. in. / rev.)
NUMBER OF CYLINDERS	5
MAXIMUM ALLOWABLE R.P.M.	7000 r.p.m.
MAXIMUM ALLOWABLE CONTINUOUS R.P.M.	6000 r.p.m.
REFRIGERANT	R134a
OIL (SP-20)	210 cc (7.10 fl. oz.)

压缩机 Compressor	型号 Model	7Hc15	7Hc13	7Hc10
	每转排量 Displacement	165cc/r	135cc/r	99cc/r
	汽缸数 Number of Cylinder	10	10	10
	最大转速 DownShift Speed	6000 r/min	6000 r/min	6000 r/min
	制冷剂 Refrigerant	R404a	R404a	R404a
	润滑油 Lubrication Oil	POE 32PG or 68PG	POE 32PG or 68PG	POE 32PG or 68PG
	旋转方向 Rotation	Clockwise / Anticlockwise	Clockwise / Anticlockwise	Clockwise / Anticlockwise
重量 Weight	4.6 KG	4.6 KG	4.1 KG	
离合器 Clutch	额定电压 Voltage	12V/ 24V	12V/ 24V	12V/ 24V
	脱离扭矩 Breakaway	50 N.m	49 N.m	49 N.m
	消耗功率 Power Consumption	43	45	45
	重量 Weight	2.3	2.3	2.2



Compressor Specifications

DISPLACEMENT PER REVOLUTION	154.9 cc / rev. (9.5 cu. in. / rev.)
NUMBER OF CYLINDERS	7
MAXIMUM ALLOWABLE R.P.M.	8000 R.P.M.
MAXIMUM ALLOWABLE CONTINUOUS R.P.M.	6000 R.P.M.
REFRIGERANT	R134a
OIL (SP-20)	135 cc (4.6 fl. oz.)
WEIGHT	7.2 kg (15.9 lb.)

压缩机  
Compressor

型号 Model	5H14
每转排量 Displacement	138cc/r
汽缸数 Number of Cylinder	10
最大转速 DownShift Speed	6000 r/min
制冷剂 Refrigerant	R404a
润滑油 Lubrication Oil	POE 32PG or 68PG
旋转方向 Rotation	Clockwise / Anticlockwise
重量 Weight	4.6 KG

离合器  
Clutch

额定电压 Voltage	12V/ 24V
脱离扭矩 Breakaway	50 N.m
消耗功率 Power Consumption	43
重量 Weight	2.3

# PAERMA COMPRESSOR

## CYLINDER HEAD OF 7H SERIES 7H系列汽缸盖

REFRIGERANT			
R134a	R404a	R12	R22
●		●	

密封形式		SEAL	
O型圈	O	O-RING	O
喇叭口	F	FLARE NUT	F
压板式	P	PRESS PLATE	P
无接手	L	CONNECTOR LESS	L

吸气口位置		PORT DIRECTION	
上部	U	UPPER SIDE	U
后部	R	REAR SIDE	R

安装方式		MOUNTING MODE	
直装式	D	DIRECT	D
挂耳式	E	EAR-PLATE	E

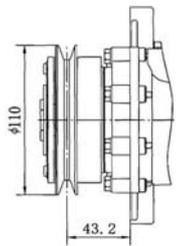
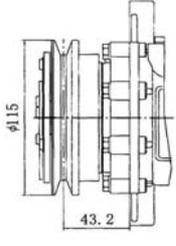
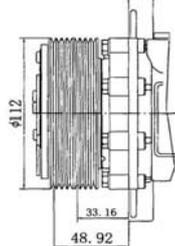
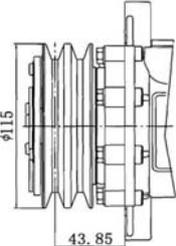
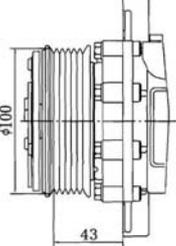
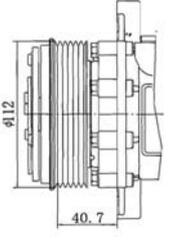
Number	H7-0231(SG)	Number	H7-0210(CB)	Number	H7-0215(MG)	Number	H7-0241(SH)	Number	H7-0248(JD)
UP WO/S.P. BOLTS M10 1.25		UO W/S.P.		RO W/S.P.		RP WO/S.P. BOLTS M10 1.5		UO W/S.P.	
Number	H7-0220(JD)	Number	H7-0212(CB)	Number	H7-0245	Number	H7-0218	Number	H7-0224(UK)
UO WO/S.P.		UO WO/S.P.		N/A 没有接口		RO WO/S.P.		UP WO/S.P. BOLTS M10 1.25	
Number	H7-0206(QD)	Number	H7-0209	Number	H7-0219	Number	H7-0217	Number	H7-0213(MD)
RP W/S.P. BOLTS M10 1.25		UO W/S.P.		RO WO/S.P. 2BOLTS M6		RP W/S.P. BOLTS M10 1.5		RO WO/S.P.	
Number	H7-0214(QU)	Number	H7-0211(CD)	Number	H7-0238	Number	H7-0236(QN)	Number	H7-0242(MB)
UP W/S.P. W/PRESS. BOLTS M10 1.25		UO WO/S.P.		RO WO/S.P. W/PRESS		UP WO/S.P. BOLTS M10 1.25		RO WO/S.P.	
Number	H7-0227(SK)	Number	H7-0232	Number	H7-0249(JD)	Number	H7-0239(MH)	Number	H7-0233(JD)
RP WO/S.P. BOLTS M10 1.25		RO WO/S.P.		UO W/S.P. W/PRESS		RO WO/S.P.		UO WO/S.P. W/PRESS	

REFRIGERANT			
R134a	R404a	R12	R22
●		●	

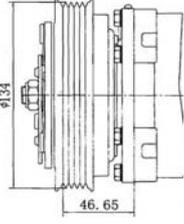
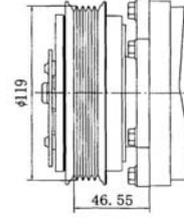
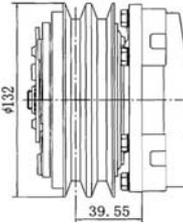
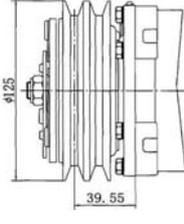
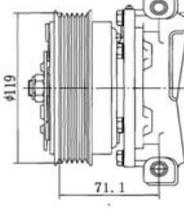
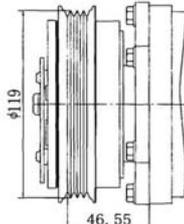
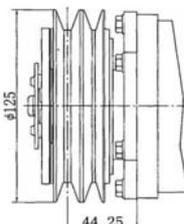
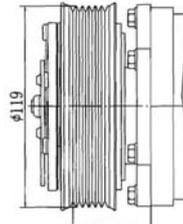
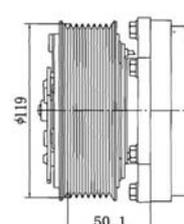
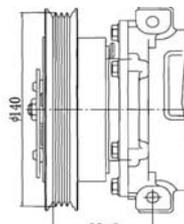
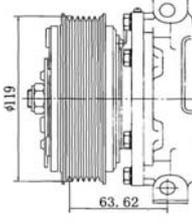
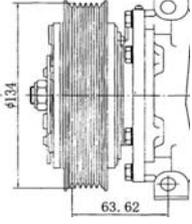
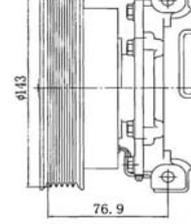
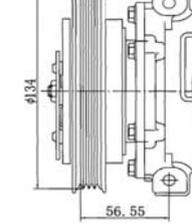
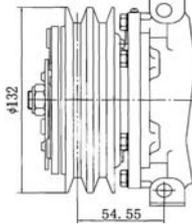
CLUTCH OF 7H SERIES  
7H系列的离合器

**PAERMA**  
COMPRESSOR

7H10 离合器 / 7H10 CLUTCHES

Number	Clutch-7109	Number	Clutch-7107	Number	Clutch-7811	Number	Clutch-7222	Number	Clutch-7602
	A1 110mm 12V		A1 115mm 12V		PV8 112mm 12V		A2 115mm 12V		PV6 100mm 12V
									
Number	Clutch-7603	Number		Number		Number		Number	
	PV6 112mm 12V								
									

7H13 & 7H15 离合器 / 7H13 & 7H15 CLUTCHES

Number	Clutch-7502	Number	Clutch-7501	Number	Clutch-7227/7230	Number	Clutch-7221	Number	Clutch-7642
	PV5 134mm 12V		PV5 119mm 12V		A2 132mm 24V(7227) 12V(7230)		A2 125mm 12V		PV6 119mm 12V
									
Number	Clutch-7402	Number	Clutch-7225	Number	Clutch-7604	Number	Clutch-7806/7807	Number	Clutch-7403
	PV4 119mm 12V		A2 125mm 24V		PV6 119mm 12V		PV8 119mm 12V(7806)24V(7807)		PV4 140mm 12V
									
Number	Clutch-7601	Number	Clutch-7607	Number	Clutch-7609	Number	Clutch-7426	Number	Clutch-7231
	PV6 119mm 12V		PV6 134mm 12V		PV6 143mm 12V		PV4 134mm 12V		A2 132mm 12V
									

# PAERMA COMPRESSOR

## CLUTCH OF 7H SERIES 7H系列的离合器

REFRIGERANT			
R134a	R404a	R12	R22
●		●	

### 7H13 离合器 / 7H15 CLUTCHES

Number	Clutch-7804/7809	Number	Clutch-7114	Number	Clutch-7421	Number	Clutch-7116	Number	Clutch-7117
PV8 119mm 12V(7804)24V(7809)		B1 140mm 24V		PV4 112mm 12V		A1 136mm 12V		A2 135.6mm 24V	
Number	Clutch-7251	Number	Clutch-7115	Number	Clutch-7243	Number	Clutch-7134	Number	Clutch-7244
A2 152.4mm 12V		O1 135.6mm 12V		A2 144mm 12V		A1 134mm 12V		A2 130mm 12V	
Number	Clutch-7119	Number	Clutch-7610	Number	Clutch-7637	Number	Clutch-7121	Number	
O1 135mm 12V		PV6 119mm 12V		PV6 120mm 12V		O1 142.7mm 12V			

# PAERMA COMPRESSOR

## CYLINDER HEAD OF 5H SERIES 5H系列汽缸盖

REFRIGERANT			
R134a	R404a	R12	R22
●		●	

密封形式		SEAL	
O型圈	O	O-RING	O
喇叭口	F	FLARE NUT	F
压板式	P	PRESS PLATE	P
无接手	L	CONNECTOR LESS	L

吸气口位置		PORT DIRECTION	
上部	U	UPPER SIDE	U
后部	R	REAR SIDE	R

安装方式		MOUNTING MODE	
直装式	D	DIRECT	D
挂耳式	E	EAR-PLATE	E

Number	H7-0102(FN)	Number	H7-0104(FG)	Number	H7-0131(E)	Number	H7-0106(M)	Number	H7-0124(B)
	UO WO/S.P.		UO W/S.P.		UF WO/S.P.		RO WO/S.P.		UF W/S.P.
Number	H7-0108	Number	H7-0125	Number	H7-0134	Number	H7-0111(Q)	Number	H7-0121(K)
	UO WO/S.P.		UO W/S.P.		RO WO/S.P.		RP W/S.P BOLTS 3/8 24UNF-2A		RO WO/S.P.
Number	H7-0110(FN)	Number	H7-0136	Number	H7-0107	Number	H7-0105	Number	H7-0126(FN)
	UO WO/S.P.		RP WO/S.P. BOLTS M10 1.25		RO WO/S.P.		UO W/S.P.		UO W/S.P.
Number	H7-0101(N)	Number	H7-0119(RD)	Number		Number		Number	
	UO W/S.P.		UP WO/S.P. BOLTS M10 1.25						

# PAERMA COMPRESSOR

## CLUTCH OF 5H SERIES 5H系列的离合器

REFRIGERANT			
R134a	R404a	R12	R22
●		●	

### 5H系列的离合器 / 5H CLUTCHS

Number	Clutch-7204/7206	Number	Clutch-7802	Number	Clutch-7103	Number	Clutch-7902	Number	Clutch-7701
A2 132mm 12V(7204)24V(7206)		PV8 119mm 12V		B1 146mm 24V		PV10 125mm 12V		PV7 119mm 12V	
Number	Clutch-7201/7212	Number	Clutch-7102	Number	Clutch-7254	Number	Clutch-7135	Number	Clutch-7104/7108
A1M1 130mm 12V(7201) 24V(7212)		A1 132mm 24V		A2 132mm 24V		B1 136mm 12V		C1 158mm 12V(7104)24V(7108)	
Number	Clutch-7105	Number	Clutch-7401	Number	Clutch-7106	Number	Clutch-7216	Number	
A1 132mm 12V		PV4 123mm 12V		A1 126mm 12V		A2 152.4mm 12V			



中汽认证

TS 16949



ISO9001



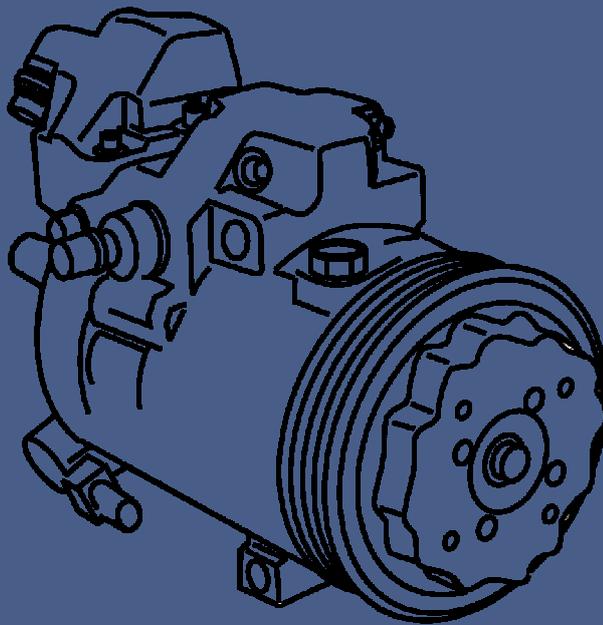
ISO14001

CE



# PAERMA

## COMPRESSOR



DISTRIBUTOR  
经销商



NINGBO PAERMA HEAVY INDUSTRY REFRIGERATING CO.,LTD  
ADD:GUJIA CHAOYANG JIANGSHAN YINZHOU NINGBO,CHINA  
POST CODE : 315195  
TEL : 0086-(0)574-8846 4935  
FAX : 0086-(0)574-8809 9897  
E-mail : host@paerma.com  
HTTP : //www.paerma.com

宁波帕尔玛重工制冷有限公司  
地址：浙江省宁波市鄞州区姜山镇朝阳  
邮编：315195  
电话：0574-88464935  
传真：0574-88099897  
邮箱：host@paerma.com  
网址：www.paerma.com