

S4

小四缸
活塞式制冷压缩机
PISTON COMPRESSOR

- 产品型号: BTF4FC-3.3Z~BTF4CC-9.3G

• 排气量: 18.05m³/h~32.48m³/h

• 制冷剂: 适用R22、R404A、R507A等制冷剂

• 适用领域: 商业冷藏、小型冷库机组、医药冷链等制冷领域
- **Product Model:** BTF4FC-3.3Z~BTF4CC-9.3G

• **Displacement:** 18.05m³/h~32.48m³/h

• **Refrigerating Fluid:** Applicable to R22, R404A, R507A and other refrigerants

• **Application Fields:** Commercial refrigeration, small cold storage units, pharmaceutical cold chain and other refrigeration fields.

-  高效节能
High-efficiency

 精准控温
Precise Temperature Control
-  运行稳定
Progress Steadily

 使用寿命长
Long service life

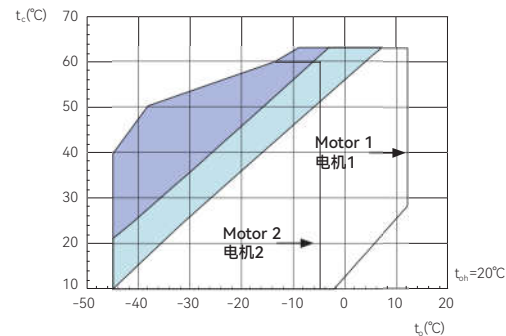
| 应用范围

APPLICATION SCOPE

应用范围图示
对应20℃吸气温度

Application limits Diagram
relating to 20℃ suction gas temperature

R22 BTF4FC-3.3ZR~BTF4CC-9.3GR



- t_0

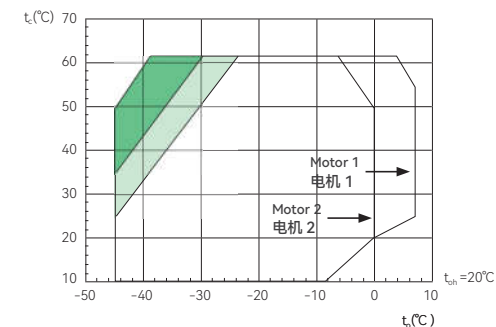
蒸发温度
Evaporating temperature(°C)
- t_{oh}

吸气温度
Suction gas temperature(°C)
- Δt_{oh}

吸气过热度
Suction gas superheat(°C)
- t_c

冷凝温度
Condensing temperature(°C)
- 附加冷却
Additional cooling
- 附加冷却且吸气过热度≤20K
Additional cooling and suction superheats≤20K

R404A / R507A BTF4FC-3.3ZE~BTF4CC-9.3GE



- t_0

蒸发温度
Evaporating temperature(°C)
- t_{oh}

吸气温度
Suction gas temperature(°C)
- Δt_{oh}

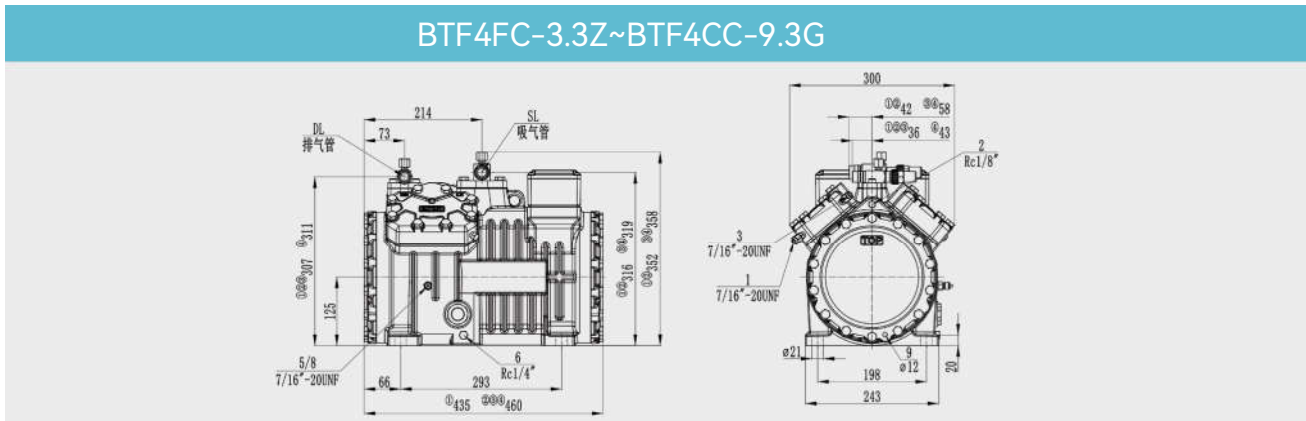
吸气过热度
Suction gas superheat(°C)
- t_c

冷凝温度
Condensing temperature(°C)
- 附加冷却
Additional cooling
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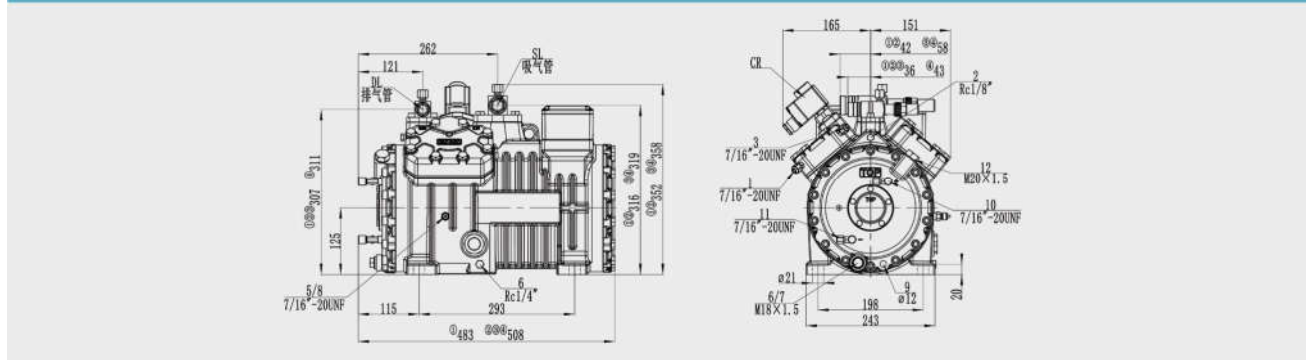


| 外形尺寸及机脚（孔径）、吸气口、排气口定位尺寸

BOUNDARY DIMENSION AND LOCATION DIMENSION OF BORE DIAMETER SUCTION GAS PORT AND DISCHARGE GAS PORT



BTF4FC-3.3Z~BTF4CC-9.3G (带油泵、能调压缩机 With Oil Pump & Energy Control Valve)



■ 吸、排气阀接管尺寸 (mm) Suction and discharge valve connection size (mm)

型号Type	①	②	③		④			
	BTF4FC-3.3Z	BTF4FC-5.3G	BTF4EC-4.3Z	BTF4EC-6.3G	BTF4DC-5.3Z	BTF4DC-7.3G	BTF4CC-6.3Z	BTF4CC-9.3G
SL	22(7/8")	22(7/8")	28(1 1/8")	28(1 1/8")	28(1 1/8")	28(1 1/8")	28(1 1/8")	28(1 1/8")
DL	16(5/8")	16(5/8")	16(5/8")	16(5/8")	22(7/8")	22(7/8")	22(7/8")	22(7/8")

■ 单级压缩机连接口位置图例 Single compressor connection positions

- 1 高压连接口 (HP)

2 排气温度传感器连接口

3 低压连接口 (LP)

5 润滑油充注口

6 放油口

7 油过滤器接口 (带磁堵)
- 1 High pressure connection(HP)

2 Discharge Temperature Sensor Connector

3 Low pressure connection(LP)

5 Oil fill plug

6 Oil drain

7 Oil filter (magnetic screw)
- 8 回油口 (接油分离器)

9 曲轴箱加热器

10 油压高压接口 +

11 油压低压接口 -

12 电子油压开关连接口

SL 吸气管

DL 排气管
- 8 Oil return (oil separator)

9 Crankcase heater

10 Oil pressure connection +

11 Oil pressure connection -

12 Electronic hydraulic switch connector

SL Suction gas line

DL Discharge gas line

图中①...④表示对应型号压缩机尺寸
Figure ① ... ④ indicates the size of the compressor