THERMO KING
TRANSIT

stop
go
stop
go

reliability
is king!

X430

Bus Air Conditioning Compressor and Clutch

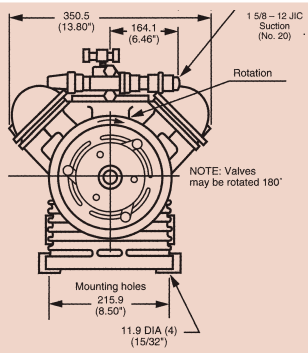
RECIPROCATING COMPRESSOR

X430
Specifications

THERMO KING TRANSIT

Designed Exclusively for Bus Transport Applications

- Fast and easy to service
- Reduces fuel consumption
- Extended service life
- Environmentally friendly HFC refrigerants
- More efficient operation

DISPLACEMENT	492 cu. cm (30 cu. in.)
NUMBER OF CYLINDERS	4
MAXIMUM BHP	19 BHP (R-134a) 29 BHP (R-22/R-407C)
MAXIMUM SPEED	2,600 rpm (R-134a) 2,600 rpm (R-22/R-407C)
REFRIGERANT	R-134a R-22/R-407C
OIL CAPACITY	4.2 Litre (8.9 pints)
OIL PUMP	Gerotor type
OIL TYPE	TK Part No. 67-404, (R-22/R-407C) TK Part No. 66-6828 (R-134a)
MAXIMUM TILT	10° any direction
DRIVE METHOD	Belt or direct
MAXIMUM BELT SIDE LOADING	136 kg (300 lbs.)
OPERATING CONDITIONS	Max. discharge temp. 162.8°C (325°F) Max. saturated suction temp. 12.7°C (55°F) Max. saturated discharge temp. 68.3°C (155°F)
CLUTCH ASSEMBLY	• Type: Electra-magnetic • Voltage: 12V dc/24V dc • Current draw: 5.0 amps/2.5 amps • Engagement speed: 0 to 2,600 rpm (X430) • Drive pulley O.D.: 229 mm (9.0 in.) 197mm (7.75 in.) • Available belt types: B type, 2 groove 5V, 2 groove • Rotation: Clockwise (viewed from clutch end) • Peak torque: 80 ft.lbs.
WEIGHT (approximate)	Model X430 52.2 kg (115 lbs.) (Including oil, service valves and clutch)
DIMENSIONS millimeters (inches)	
WORLDWIDE SERVICE ORGANISATION	Thermo King Transit backs its equipment and customers with a highly-trained service organisation. This assures you the support of factory authorised service facilities and a stock of factory parts and factory trained mechanics.
WARRANTY SUMMARY	Terms of the Thermo King Limited Express Warranty are available upon request. Basic unit is warranted to be free from defects in material and workmanship for a period of two years from date in service. Warranty covers parts and labor only in an authorised TK workshop.

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Specifications are subject to change without notice.

Ingersoll Rand