

WITH MORE THAN 60 YEARS OF EXPERIENCE IN COMPRESSOR TECHNOLOGY AND HIGHLY DEDICATED EMPLOYEES, OUR FOCUS IS ON DEVELOPING AND

APPLYING ADVANCED COMPRESSOR TECHNOLOGIES TO ACHIEVE STANDARD SETTING PERFORMANCE FOR LEADING PRODUCTS AND BUSINESSES AROUND THE WORLD.

SECOP

TOP PERFORMANCE UNDER TOUGH WORKING CONDITIONS

R134a

KAPPA SUPER TROPICAL COMPRESSORS

170-264 V

WIDE OPERATING VOLTAGE RANGE
MASTERS VOLTAGE FLUCTUATIONS AND STARTS UNDER LOW VOLTAGE CONDITIONS WITHOUT REVERSE ROTATION AND WITHOUT STALLING



1805 **GTK80AT** **SECOP**
MADE IN AUSTRIA
200-240V ~ 50Hz
R134a **B** **SUCTION** ▶
9 052 1234567 0
CE
DYE



KAPPA SUPER TROPICAL COMPRESSORS – LEADING THE INDUSTRY

The KAPPA series is one of Secop's core product families in the household market, with more than 40 million compressors produced in Austria. Specifically tailored for household appliance needs, the different KAPPA compressors continue to set new and improved standards within the industry.

Recognized for outstanding energy efficiency levels, low noise, strong reliability and a competitive cost structure, KAPPA ensures a unique combination of

short-term savings, fast-moving production and long term sustainability.

The new KAPPA range for tropical conditions is designed to support regions which experience harsh and challenging environments and where voltage fluctuations as well as high ambient temperatures need to be taken into account.

The ability to start under low voltage conditions without reverse rotation and without stalling presents an outstanding solution for those harsh environments.

KAPPA features ...

- Top efficiency
- Less noise and less vibrations
- Competitive cost structure
- Easily accessible start equipment
- External protector
- Interim solution to R600a refrigerant

... your benefits

- Highly efficient cabinets possible
- High reliability – Setting new standards for 15 years
- Worldwide approved by large OEMs (5 KAPPA generations)
- Assembly on the production lines in far less time
- Fast restart in high ambient temperature environment
- Simple application update with KAPPA R600a compressors

General	GTK55AT	GTK70AT	GTK80AT
Application		LBP	
Evaporating temperature	°C	-35 to -10	
Voltage range/frequency	V/Hz	170 - 264/50	
Approvals	EN 60335-2-34 with Annex AA		

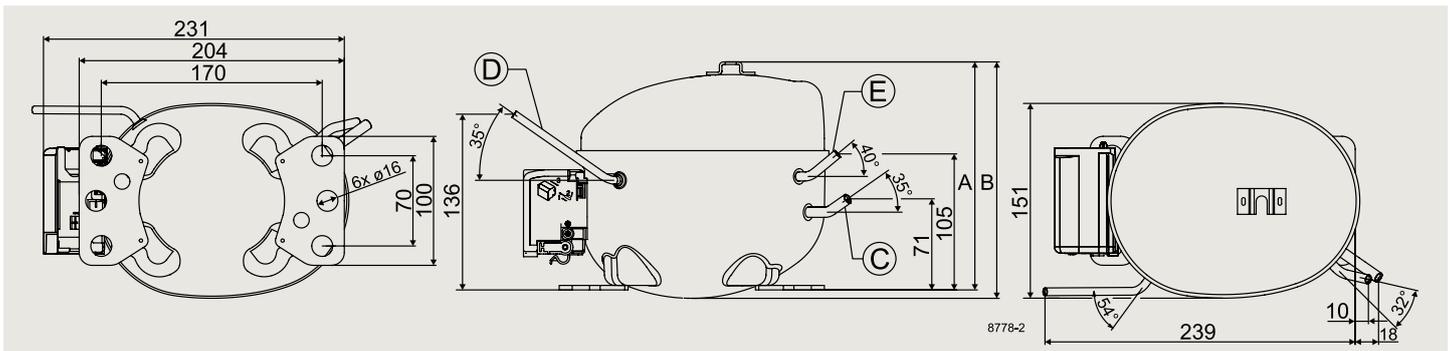
Performance data ASHRAE LBP (200-240 V/50 Hz • PTC • static cooling)			
Evaporating temperature	°C	-23.3	-23.3
Cooling capacity	W	170	205
Power consumption	W	114.9	134.9
COP	W/W	1.48	1.52

Performance data ASHRAE LBP (200-240 V/50 Hz • run capacitor • PTC • static cooling)			
Evaporating temperature	°C	-23.3	-23.3
Cooling capacity	W	170	205
Power consumption	W	109.7	128.1
COP	W/W	1.55	1.60

Performance data EN12900 Household (200-240 V/50 Hz • run capacitor • PTC • static cooling)			
Evaporating temperature	°C	-25	-25
Cooling capacity	W	128	154
Power consumption	W	105.8	123.2
COP	W/W	1.21	1.25

Dimensions			
Height	mm	A	167.0
		B	173.5
Suction connector	location/I.D. mm angle material seal	C	6.15 35° Copper Rubber plug
		D	6.00 35° Copper Rubber plug
Process connector	location/O.D. mm angle material seal	E	5.15 40° Copper Rubber plug
Discharge connector	location/I.D. mm angle material seal		

Optimized for low voltage conditions @ 200 V



Secop GmbH · Mads-Clausen-Str. 7 · 24939 Flensburg · Germany · Tel: +49 461 4941 0 · www.secop.com

Secop accepts no responsibility for possible errors in catalogs, brochures, and other printed material. Secop reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sequential changes being necessary to specifications already agreed. All trademarks in this material are the property of the respective companies. Secop and the Secop logotype are trademarks of Secop GmbH. All rights reserved.

Produced by Secop | April 2018

DES.N.420.A1.02