

Technical data

Dimensions		
Width	530 mm	
Height	447 mm	
Depth	790 mm	
General information		
"CR" levels	33/66 %	
Number of cylinders	6 pcs	
Type	halbhermetisch	
Refrigerant	R134a R450A R513A R1234yf R404A R507A R448A R449A R454C R455A R407F	
Engine Version	2	
Series	BE6	
Type	6FE-44Y	
VARISTEP "CRII"	10 - 100 %	
Compression type	Hubkolben	
Electrical Data		
Starting current (locked rotor)	219,0 A	Y
Supply voltage	400/3/50 V/Ph/Hz	see explanation 1
max. operating current	83,2 A	see explanation 1
max. power consumption	46,0 kW	see explanation 1
Weight		
Weight net	241,0 kg	
Performance data		
Flow volume	126,8 m ³ /h	at 1450 rpm-1
Pipe connections		
Pressure line	42,0 mm	1 5/8 inches
Suction line	54,0 mm	2 1/8 inches
Sound data		
Sound power level	82,8 dB(A)	(-10 °C / 45 °C)
Volume		
Oil charge	B5E32	Option: B5E55 bei R134a, R450A, R513A, R1234yf tc > 70°C
Oil quantity	4,75 l	

Notes

1. Data for 400 V/3/50 Hz with direct mains power supply. Observe the max. operation current / max. power input when selecting contactors, leads and fuses. Contactors: Category AC3. Use overcurrent relay to avoid exceeding max. operating current.
 PW: Part winding motor Y/YY
 - 4VES-0Y ... 8FE-50Y Δ/ΔΔ wind distribution 50%/50%
 - 8GE-50Y ... 8FE-70Y Δ/ΔΔ wind distribution 60%/40%
 - Use motor contactors rated to about 60% of the max. operating current for PW start up.
 - Y/Δ design on request
 380-420V PW YY-3Ph-50Hz
 440-480V PW YY-3Ph-60Hz

Data for integration of the frequency converter (FC) – motor version 3 (R134a compressor): based on 400 V/3/50 Hz mains