Model:

J160U

Erba Kälte GmbH

DATA

General Data

Type	Hermetic Reciprocating
Technology Type	On-Off
Displacement	16,15 cm^3
Compressor Cooling	Fan
Expansion Device	Capillary Tube or Expansion Valve
Approval	CE, CCC
Power Supply	220-240 V / 50-60 Hz
Evaporating Temperature Range	-40 °C to 0 °C
Refrigerant	R 290

Electrical Data

Motor type	CSIR
Starting Torque	HST
Start Winding Resistance	25 °C: 13.8 Ω ± 10 %
Run Winding Resistance	25 °C: 4.2 Ω ± 10 %
Locked Rotor Current (LRC)	22,4 A

Mechanical Data

Oil Charge	400 ml
Oil Type Configuration	ESTER
Oil Type Viscosity	ISO46
Weight	12,90 Kg

Electrical Components

	Description
Motor Protection	B115-105
Starting Device	QLZ-11.0 A
Start Capacitor	80 µF
Run Capacitor	10 µF

External Characteristics

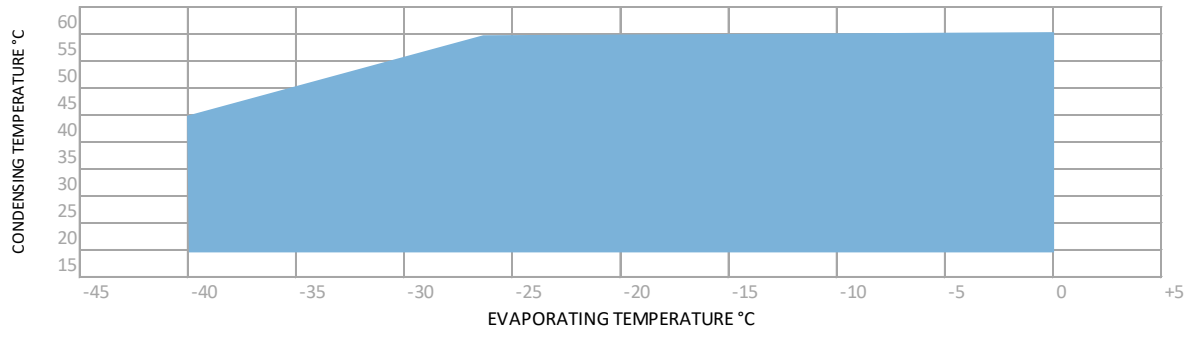
Tray Holder	No
Connector	Internal Diameter
Suction	8,1 mm ±0,1
Discharge	6,5mm ±0,1
Process	8,1 mm ±0,1

PERFORMANCE

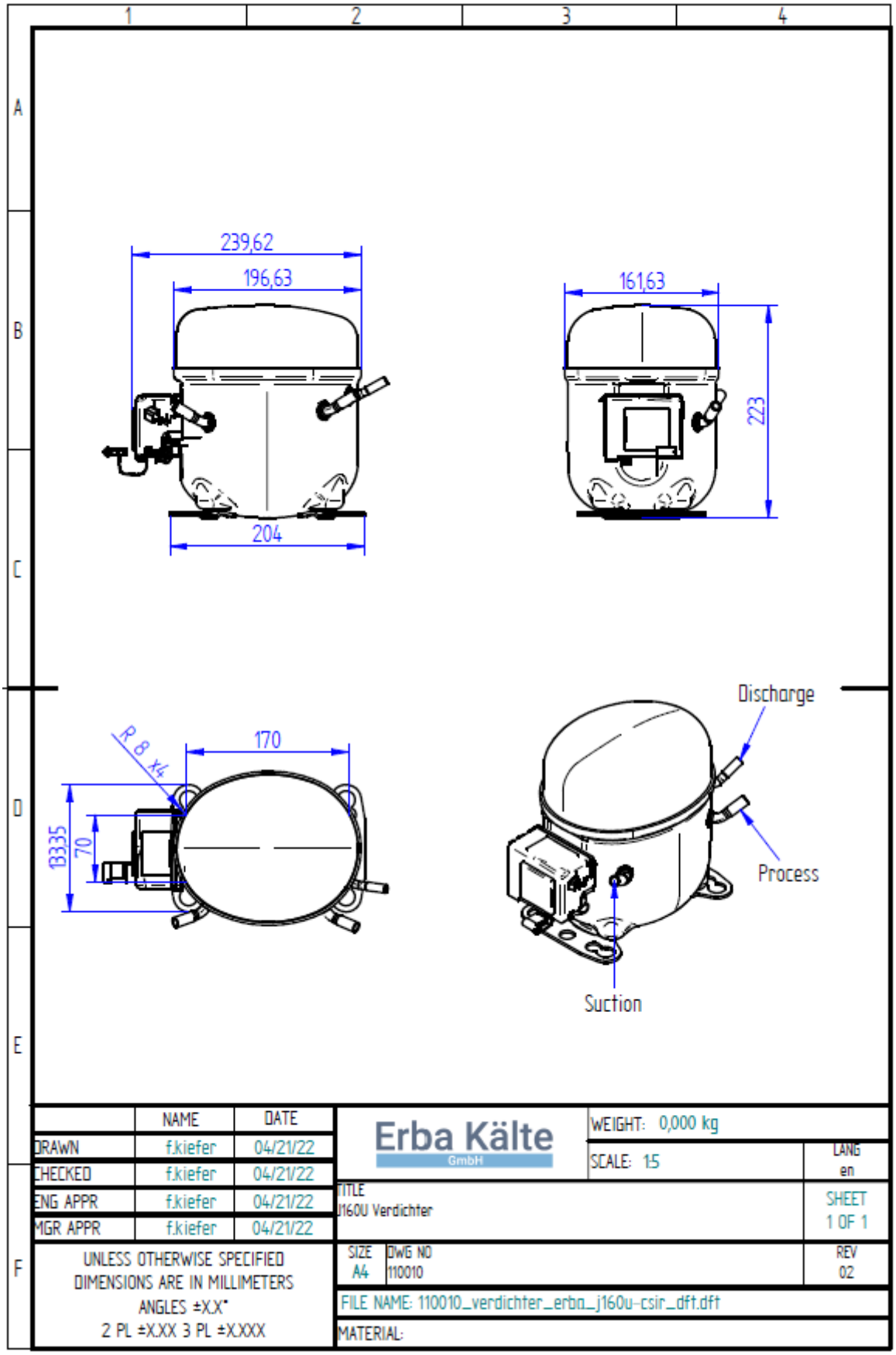
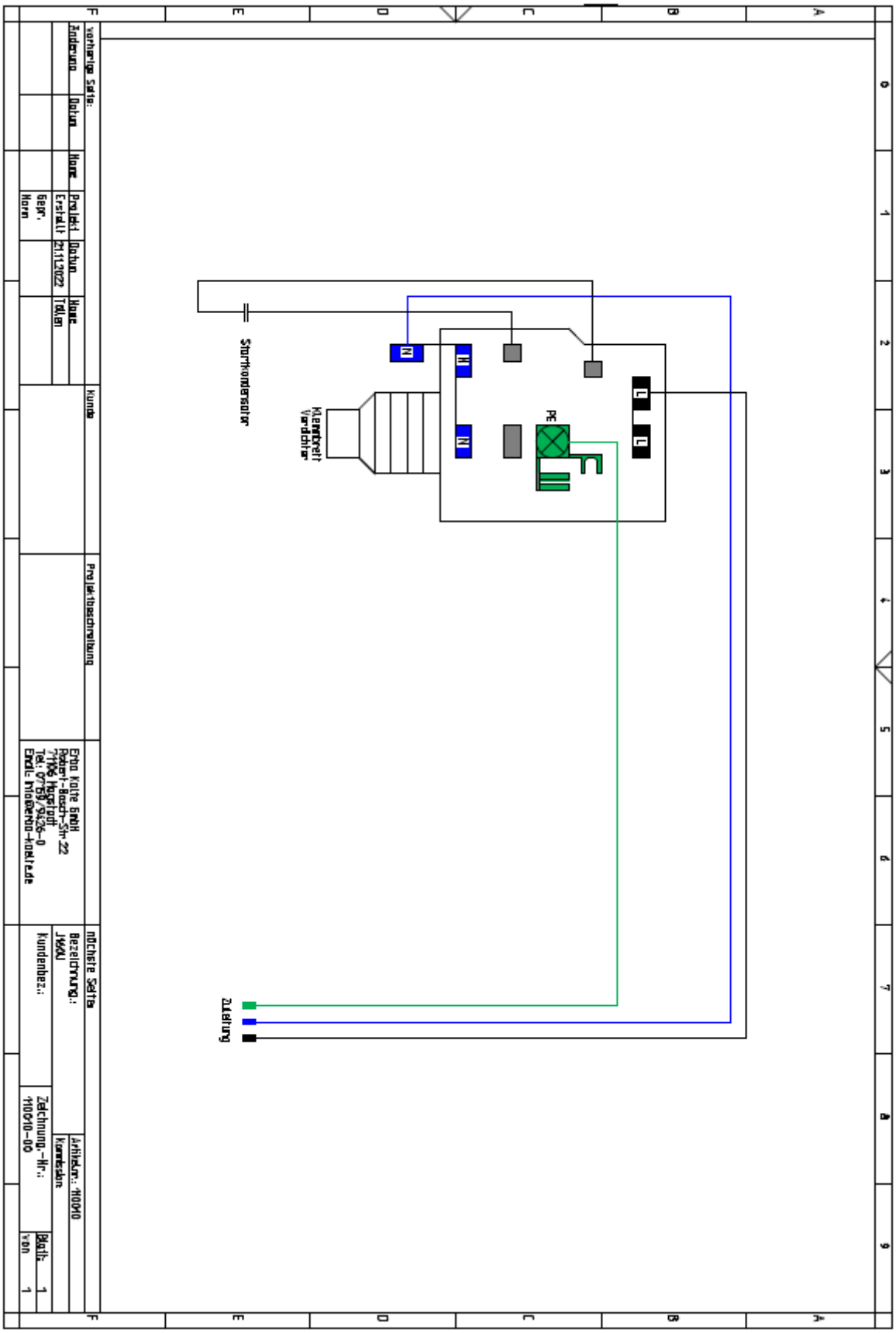
Performance Curve Data ASHRAE

Cooling Capacity ASHRAE +55°C												
-40°C	-35°C	-30°C	-25°C	Test Conditions: -23,3°C				-20°C	-15°C	-10°C	-5°C	0°C
W	W	W	W	Capacity (W)	Input Power (W)	Current (A)	COP (W/W)	W	W	W	W	W
330	417	530	686	740	596	3,5	1,3	855	1055	1290	1320	1520

Operating Envelope



External Dimensions



Electrical Connection Picture