Model:

E60U

Erba Kälte GmbH

DATA

General Data

Type	Hermetic Reciprocating
Technology Type	On-Off
Displacement	6,00 cm^3
Compressor Cooling	Static
Expansion Device	Capillary Tube or Expansion Valve
Approval	CE, CCC, CB
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: 20.8 Ω ± 10 %
Run Winding Resistance	25 °C: 12.5 Ω ± 10%
Locked Rotor Current (LRC)	7,5 A

Mechanical Data

Oil Charge	170 ml
Oil Type Configuration	ESTER
Oil Type Viscosity	ISO32
Weight	6,8 Kg

Electrical Components

	Description
Motor Protection	GQR60U/DRB25P61A1
Starting Device	QP2-15
Start Capacitor	60uF

External Characteristics

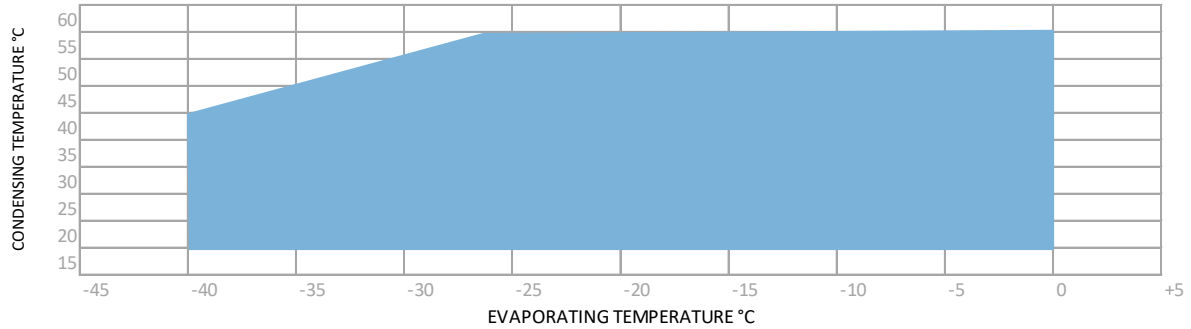
Tray Holder	No
Connector	Internal Diameter
Suction	6,2 mm ±0,1
Discharge	5,1 mm ±0,1
Process	6,2 mm ±0,1

PERFORMANCE

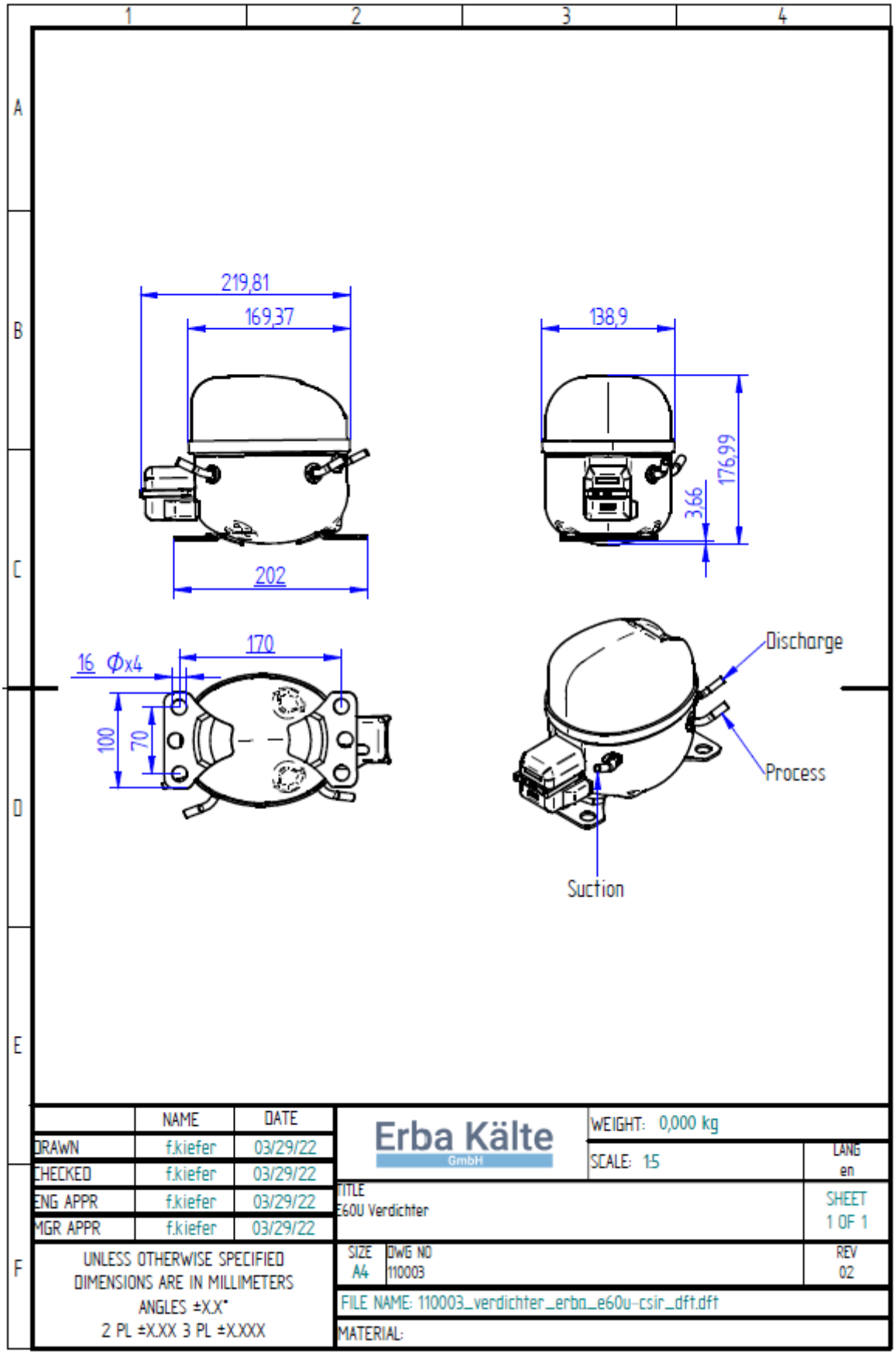
Performance Curve Data ASHRAE

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
137	180	233	295	280	234	1,3	1,45	367	450	543	655	791

Operating Envelope



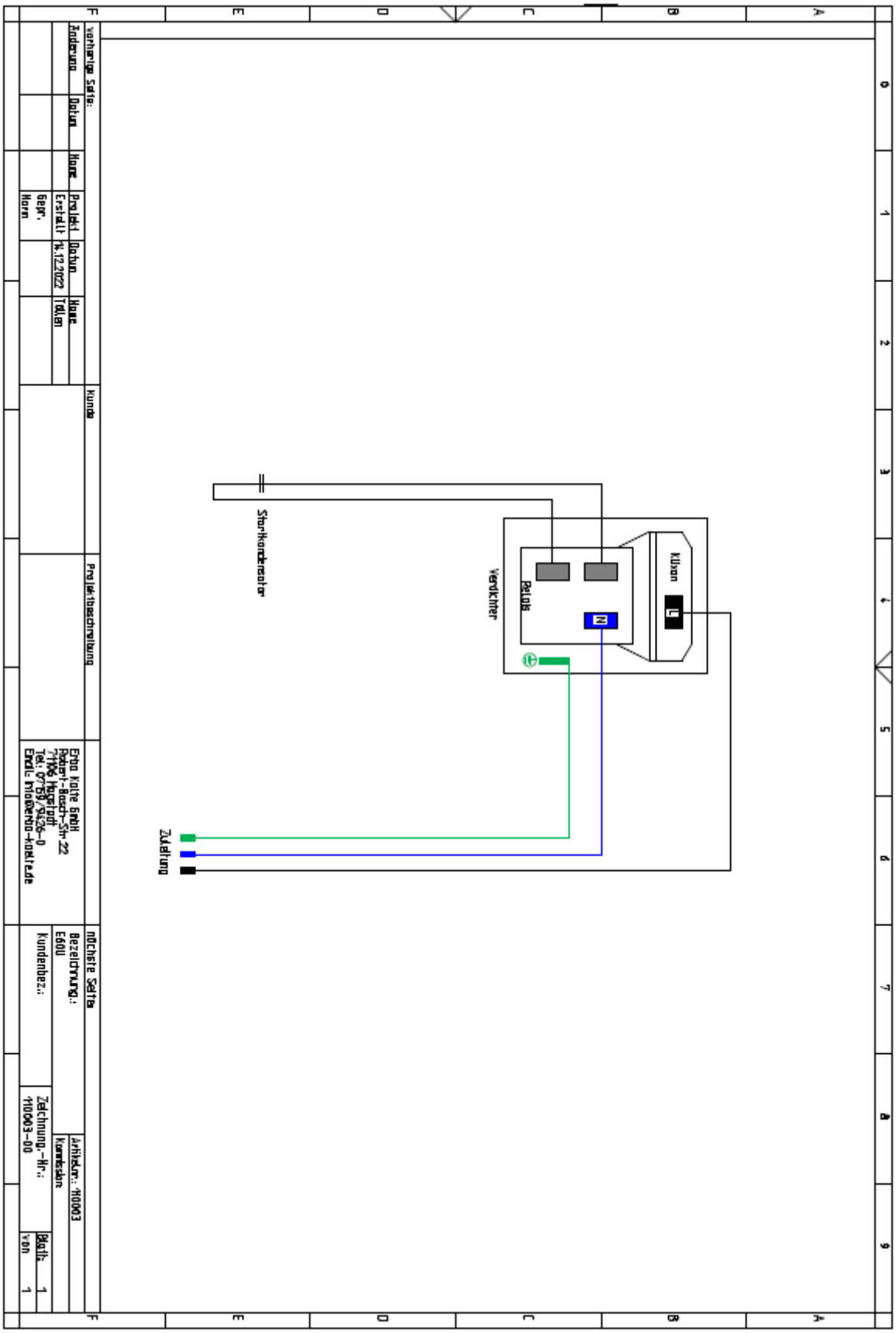
External Dimensions



	NAME	DATE
DRAWN	f.kiefer	03/29/22
CHECKED	f.kiefer	03/29/22
ENG APPR	f.kiefer	03/29/22
MGR APPR	f.kiefer	03/29/22

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS
ANGLES ±X.X°
2 PL ±X.XX 3 PL ±X.XXX

Erba Kälte GmbH

WEIGHT: 0,000 kg
SCALE: 1:5
LANG: en
TITLE: E60U Verdichter
SHEET: 1 OF 1
SIZE: A4
DWG NO: 110003
REV: 02
FILE NAME: 110003_verdichter_erba_e60u-csir_dft.dft
MATERIAL:

Electrical Connection Picture