Model:

T110U

Erba Kälte GmbH

DATA

General Data

Type	Hermetic Reciprocating
Technology Type	On-Off
Displacement	11,00 cm^3
Compressor Cooling	Fan
Expansion Device	Capillary Tube or Expansion Valve
Approval	CE
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: 21.0 Ω ± 10 %
Run Winding Resistance	25 °C: 6.0 Ω ± 10 %
Locked Rotor Current (LRC)	15,0 A

Mechanical Data

Oil Charge	200 ml
Oil Type Configuration	ESTER
Oil Type Viscosity	ISO32
Weight	10,0 Kg

Electrical Components

	Description
Motor Protection	GQR12U
Starting Device	GQR12U
Start Capacitor	50 µF

External Characteristics

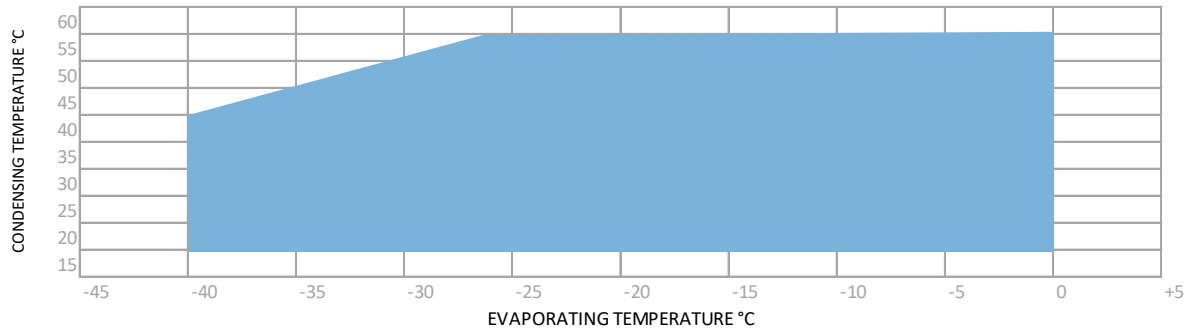
Tray Holder	No
Connector	Internal Diameter
Suction	6,2 mm ±0,1
Discharge	6,2 mm ±0,1
Process	6,2 mm ±0,1

PERFORMANCE

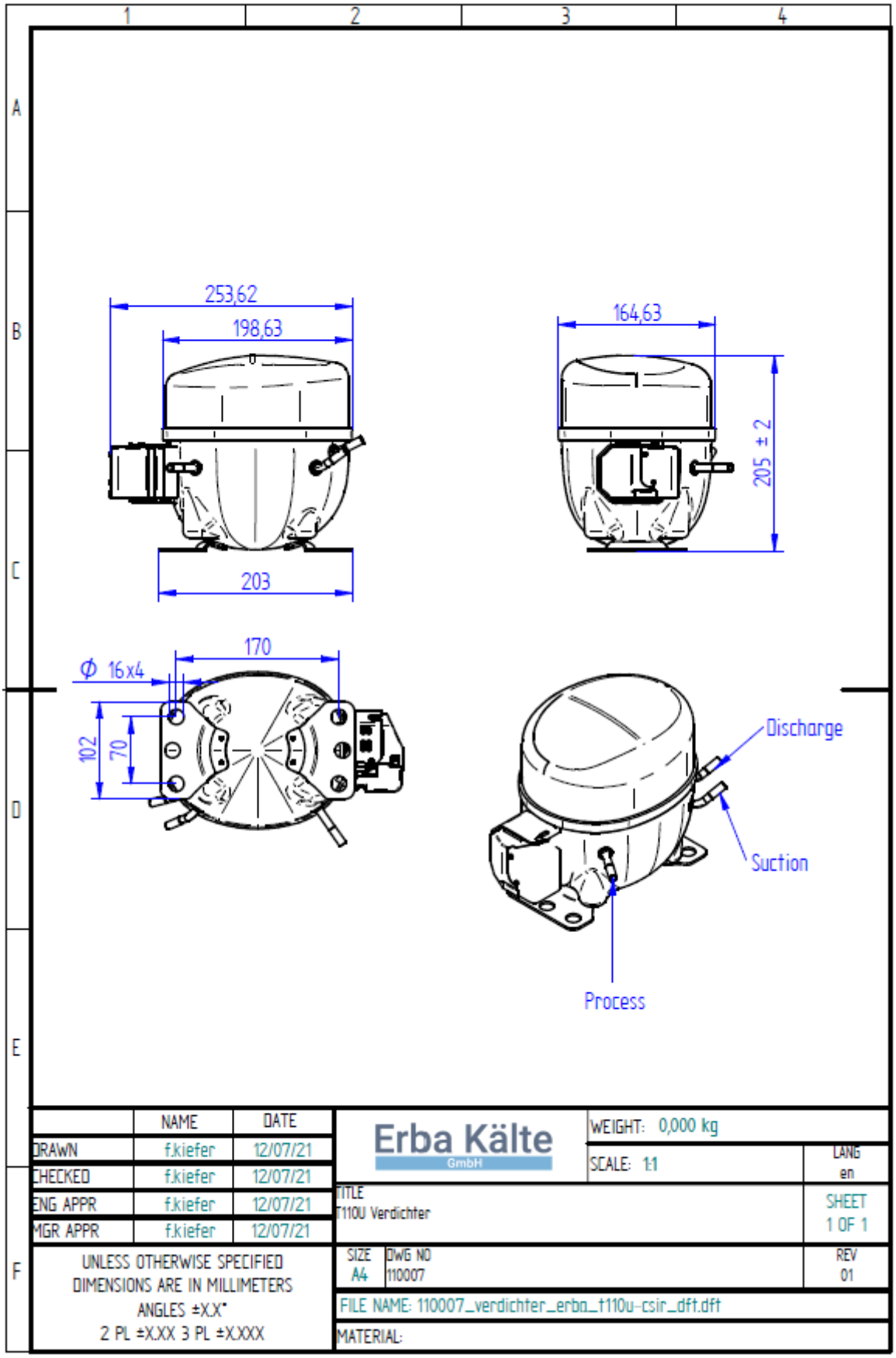
Performance Curve Data ASHRAE

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
245	288	363	425	500	351	2,0	1,45	540	623	740	879	1044

Operating Envelope



External Dimensions



	NAME	DATE
DRAWN	f.kiefer	12/07/21
CHECKED	f.kiefer	12/07/21
ENG APPR	f.kiefer	12/07/21
MGR APPR	f.kiefer	12/07/21

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: 1:1
LANG: en
TITLE: T110U Verdichter
SHEET: 1 OF 1
SIZE: A4
DWG NO: 110007
REV: 01
FILE NAME: 110007_verdichter_erba_t110u-csir_dft.dft
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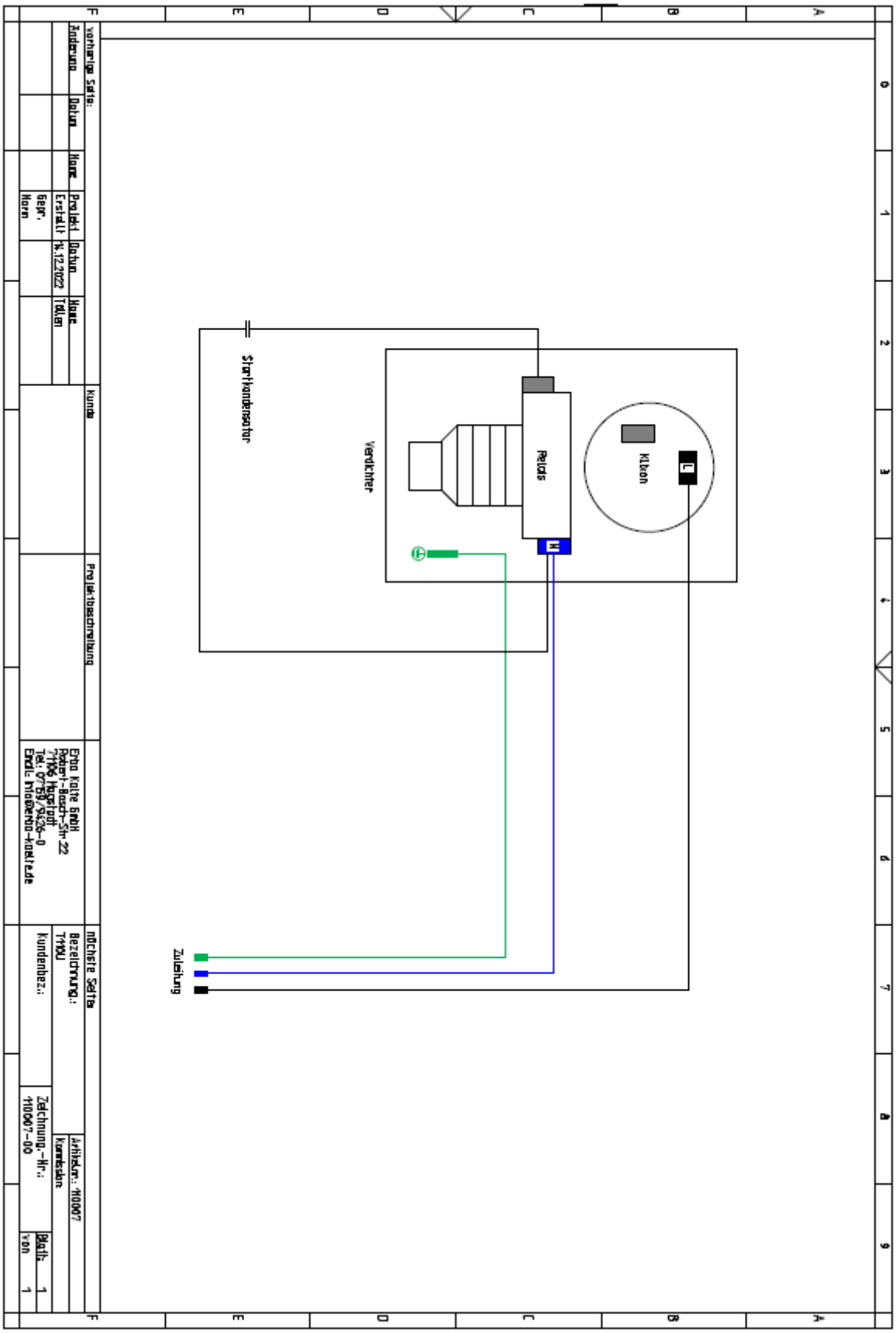
Electrical Connection Picture