



GANZAIR
Compressortechnics

TECHNICAL DATASHEET

GANZAIR

GANZAIR COMPRESSORTECHNICS LLC.
H-6400 KISKUNHALAS, HUNGARY
SZÉNÁS U. 15/L



BR2.5-10/10/1FV- TECHNICAL DATASHEET

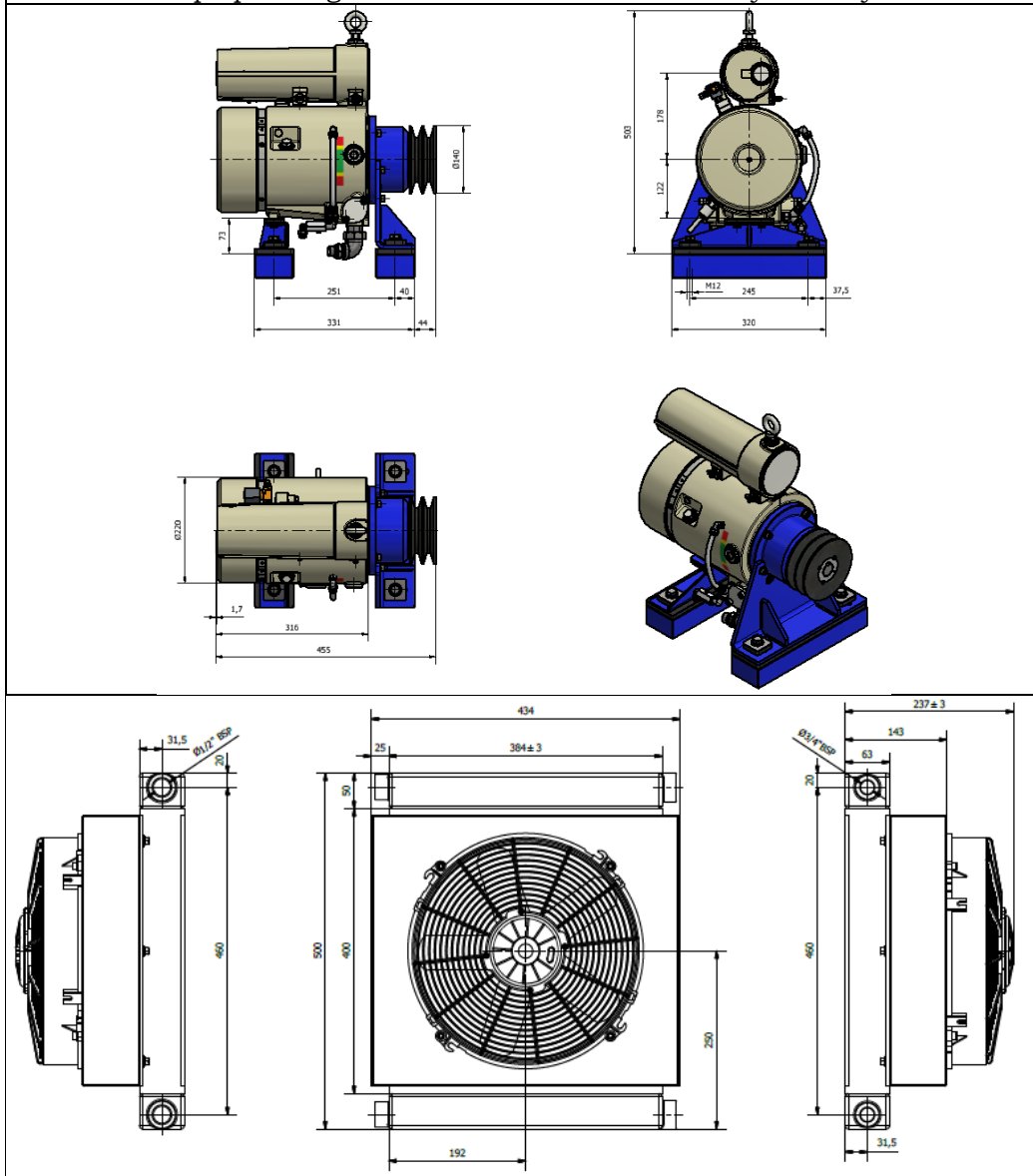
Brake compressor type BR2.5-10/10/1FV

Rotary vane compressor without electric motor, v-belt driven from diesel engine, with separated oil and air aftercooler, with air filter, with supports.

Rotation compressor:

Air end type:	GR803 H
Compressor shaft power need:	2.6...10.7 kW
Nominal air delivery (10.0 barg):	410...1100 liter/min +-5%
Max. pressure (at compr. Outlet):	10.0 barg
Safety valve opening pressure:	11.0 barg
Speed of rotation (compr.)	1000...3000 1/min
Noise level:	78-84 dB(A)
Temperature switch:	110 °C (10A-230V AC or DC)
Cooling:	air cooled separated oil-air cooler
Temperature of ambient to be built up:	-30°C - +60°C
Compressed air connection:	Rp 1/2"
Air end off-load:	Pneumatic control
Sizes of the compressor (length, width, height):	466x320x503mm
Weight of the compressor and cooler:	~64kg and 20kg
Operation:	continuous

The start-stop operating mode control has to be made by the Buyer.



BRQ4-7.5/10/4FV- TECHNICAL DATASHEET

Brake compressor type BRQ4-7.5/10/4FV

Rotary vane compressor without electric motor, v-belt driven, with integrated square oil cooler, with air filter, with supports.

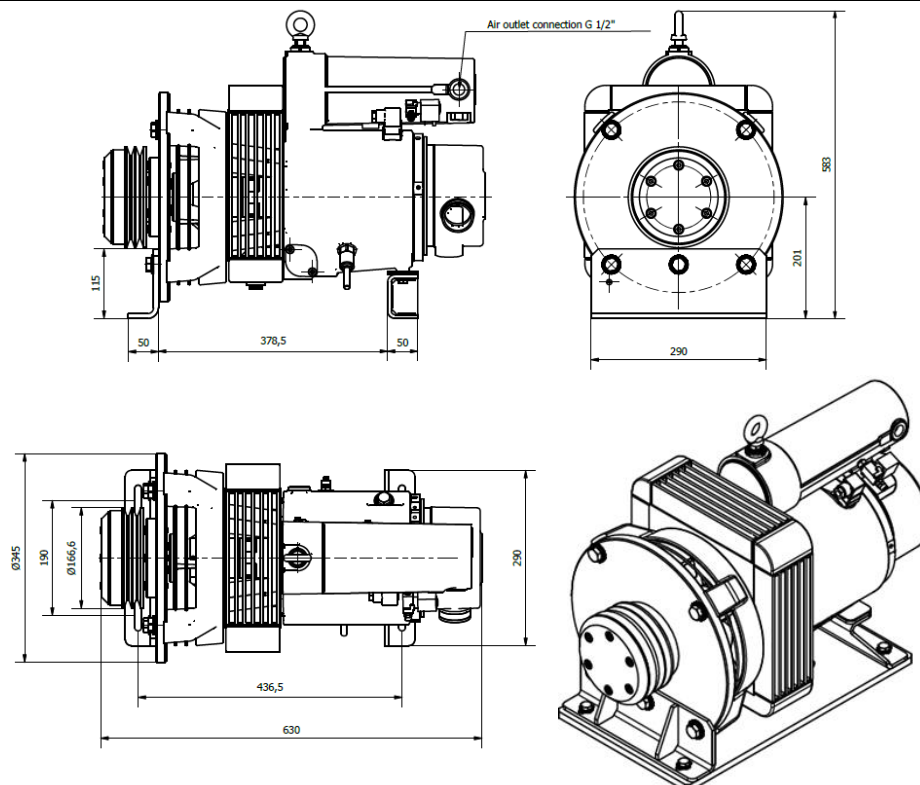
Rotation compressor:

Air end type:	GRC803 H
Compressor shaft power need:	3.0...12.2 kW
Nominal air delivery (10.0 barg):	410...1150 liter/min +-5%
Max. pressure (at compr. Outlet):	10.0 barg
Safety valve opening pressure:	11.0 barg
Speed of rotation (compr.)	1000...3150 1/min
Noise level:	74-86 dB(A)
Temperature switch:	110 °C (10A-230V AC or DC)
Cooling:	air cooled integrated square cooler
Temperature of ambient to be built up:	-30°C - +60°C
Compressed air connection:	Rp 1/2"
Air end off-load:	Pneumatic control
Sizes (length, width, height):	800x360x573mm
Weight:	85kg
Operation:	periodical or continuous

The start-stop operating mode control has to be made by the Buyer.

Electromotor:

Type:	-
Shaft power:	-
Speed of rotation:	-
Frame:	-
Flange:	-
Protection:	-
Class of insulation:	-
Temperature protection:	-



BRQ4-7.5/10/3FV- TECHNICAL DATASHEET

Brake compressor type BRQ4-7.5/10/3FV

Rotary vane compressor without electric motor, v-belt driven from diesel engine, with integrated oil cooler, with air filter, with supports.

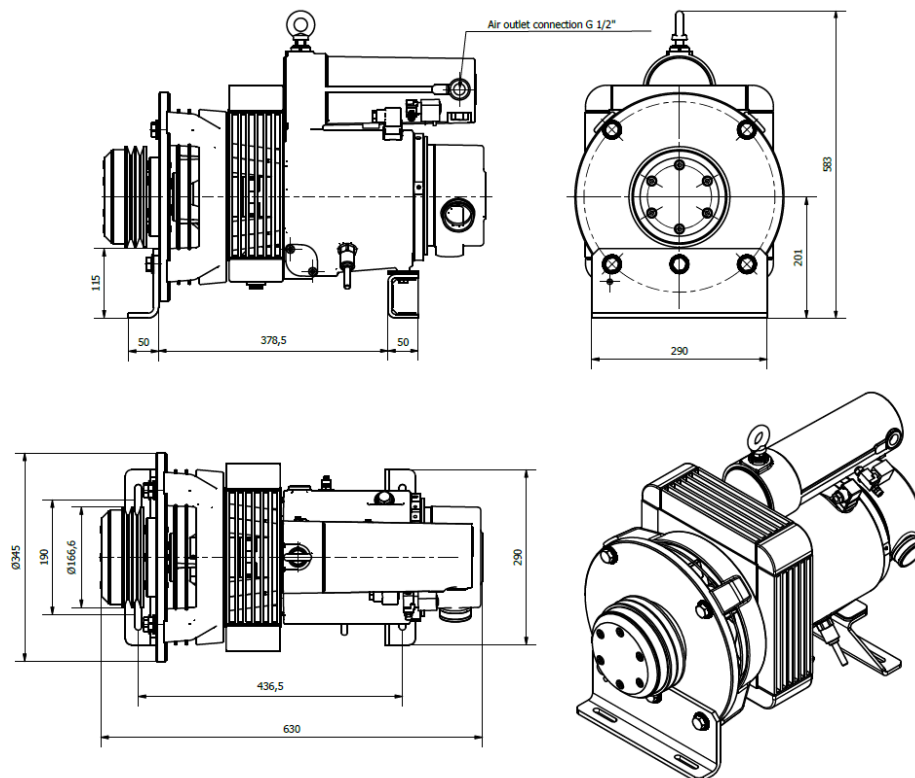
Rotation compressor:

Air end type:	GRC803 H
Compressor shaft power need:	3.0...12.2 kW
Nominal air delivery (10.0 barg):	410...1150 liter/min +-5%
Max. pressure (at compr. Outlet):	10.0 barg
Safety valve opening pressure:	11.0 barg
Speed of rotation (compr.)	1000...3150 1/min
Noise level:	74-86 dB(A)
Temperature switch:	110 °C (10A-230V AC or DC)
Cooling:	air cooled integrated square cooler
Temperature of ambient to be built up:	-30°C - +60°C
Compressed air connection:	Rp 1/2"
Air end off-load:	Pneumatic control
Sizes (length, width, height):	800x360x573mm
Weight:	75kg
Operation:	periodical or continuous

The start-stop operating mode control has to be made by the Buyer.

Electromotor:

Type:	-
Shaft power:	-
Speed of rotation:	-
Frame:	-
Flange:	-
Protection:	-
Class of insulation:	-
Temperature protection:	-



BRQ4-7.5/10/2FV- TECHNICAL DATASHEET

Brake compressor type BRQ4-7.5/10/2FV

Rotary vane compressor without electric motor, v-belt driven from diesel engine, with integrated oil cooler, with air filter, with supports.

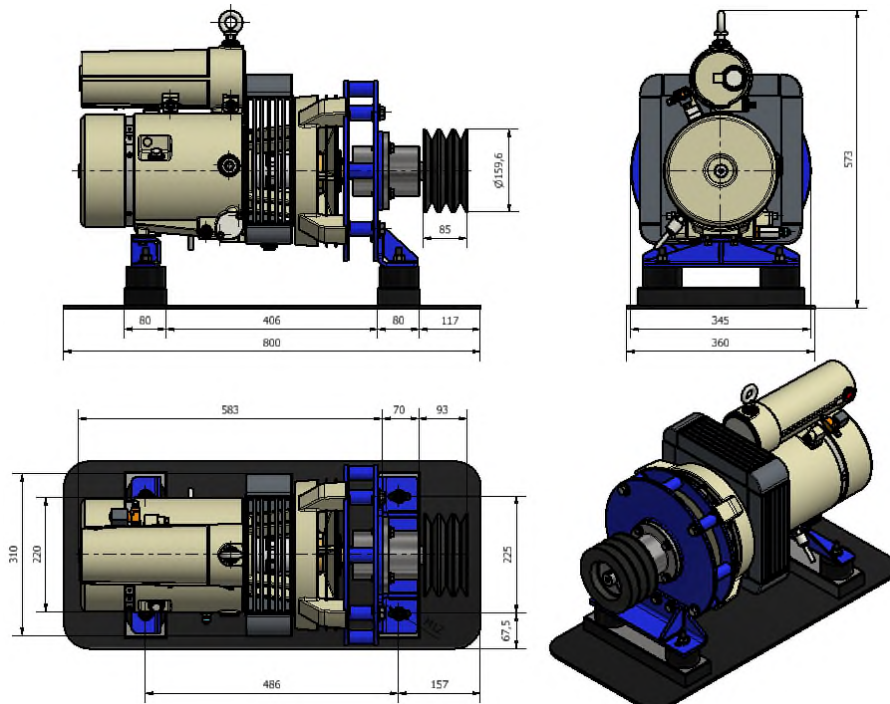
Rotation compressor:

Air end type:	GRC804 H
Compressor shaft power need:	4.2...9.4 kW
Nominal air delivery (10.0 barg):	550...1050 liter/min +-5%
Max. pressure (at compr. Outlet):	10.0 barg
Safety valve opening pressure:	11.0 barg
Speed of rotation (compr.)	1200...2400 1/min
Noise level:	78-84 dB(A)
Temperature switch:	110 °C (10A-230V AC or DC)
Cooling:	air cooled integrated square cooler
Temperature of ambient to be built up:	-30°C - +60°C
Compressed air connection:	Rp 1/2"
Air end off-load:	Pneumatic control
Sizes (length, width, height):	800x360x573mm
Weight:	75kg
Operation:	periodical or continuous

The start-stop operating mode control has to be made by the Buyer.

Electromotor:

Type:	-
Shaft power:	-
Speed of rotation:	-
Frame:	-
Flange:	-
Protection:	-
Class of insulation:	-
Temperature protection:	-



GAZX 5.5/10/1E – GAZX 5.5/12/1E

TECHNICAL DATASHEET

Brake compressor type GAZX 5.5/10/1E and GAZX 5.5/12/1E

Rotary vane compressor with electric motor, with integrated oil cooler, with air filter, without frame.

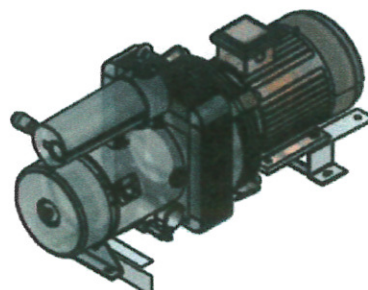
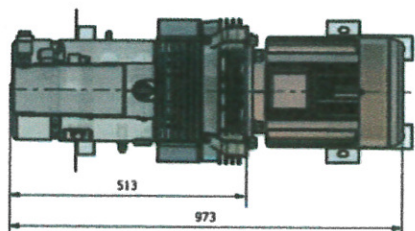
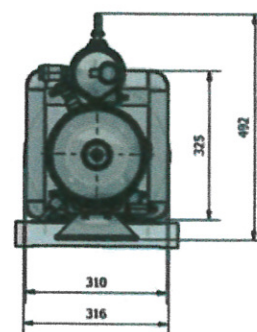
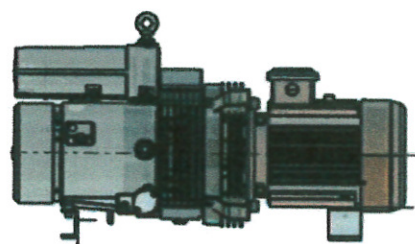
Rotation compressor:

Air end type:	GRC803 H
Compressor shaft power need:	5.5 kW
Nominal air delivery (10.0 barg):	850 liter/min +5%
Nominal air delivery (12.0 barg):	560 liter/min +5%
Max. pressure (at compr. Outlet):	10.5 and 12.5 barg
Safety valve opening pressure:	11.0 and 15 barg
Speed of rotation (compr.)	1440 1/min
Noise level:	74 dB(A)
Temperature switch:	110 °C (10A-230V AC or DC)
Cooling:	air cooled integrated square cooler
Temperature of ambient to be built up:	-30°C - +60°C
Compressed air connection:	Rp 1/2"
Air end off-load:	Pneumatic control
Sizes (length, width, height):	973x310x492mm
Weight:	115kg
Operation:	periodical or continuous

The start-stop operating mode control has to be made by the Buyer.

Electromotor:

Type:	3-phase
Shaft power:	5.5kW
Speed of rotation:	1440 1/min
Frame:	B35
Flange:	Special
Protection:	IP55
Class of insulation:	F
Temperature protection:	-



BRQ7.5/10/1E- TECHNICAL DATASHEET

Brake compressor type BRQ7.5/10/1E

Rotary vane compressor with old DC electric motor, with integrated oil cooler, with air filter, with frame.

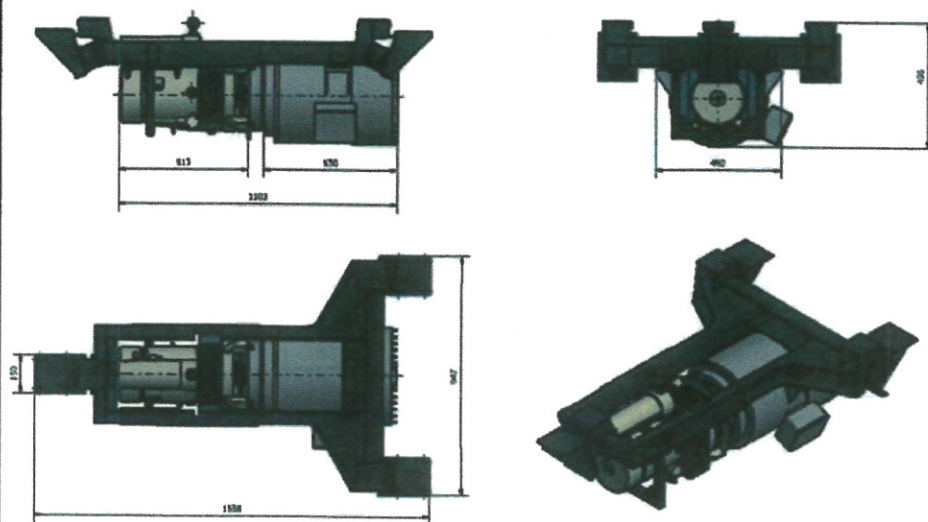
Rotation compressor:

Air end type:	GRC803 H
Compressor shaft power need:	6.8 kW
Nominal air delivery (10.0 barg):	770 liter/min +-5%
Max. pressure (at compr. Outlet):	10.0 barg
Safety valve opening pressure:	11.0 barg
Speed of rotation (compr.)	2000 1/min
Noise level:	82 dB(A)
Temperature switch:	110 °C (10A-230V AC or DC)
Cooling:	air cooled integrated square cooler
Temperature of ambient to be built up:	-30°C - +60°C
Compressed air connection:	Rp 1/2"
Air end off-load:	Pneumatic control
Sizes (length, width, height):	1558x947x496mm
Weight:	334kg
Operation:	periodical or continuous

The start-stop operating mode control has to be made by the Buyer.

Electromotor:

Type:	KNORR
Shaft power:	7.5kW
Speed of rotation:	2000 1/min
Frame:	B35
Flange:	Special
Protection:	IP55
Class of insulation:	H
Temperature protection:	-



BRQ7.5-15/10/1FV – TECHNICAL DATASHEET

Brake compressor type BRQ7.5-15/10/1FV

Rotary vane compressor without electric motor, v-belt driven from diesel engine, with integrated oil cooler, with air filter, with frame.

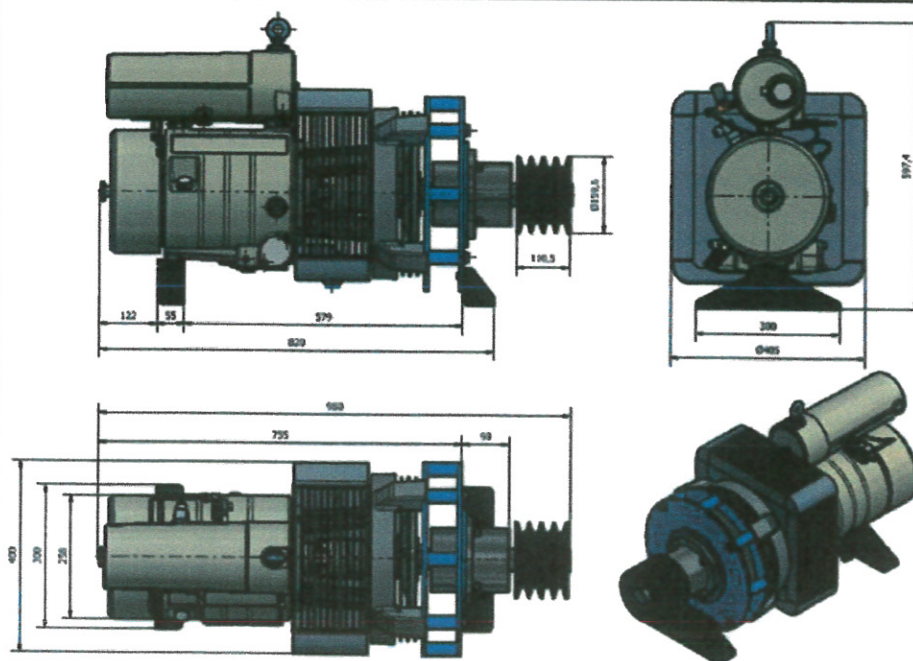
Rotation compressor:

Air end type:	GRC863 H
Compressor shaft power need:	7.5...15.0 kW
Nominal air delivery (10.0 barg):	850...1700 liter/min +-5%
Max. pressure (at compr. Outlet):	10.0 barg
Safety valve opening pressure:	11.0 barg
Speed of rotation (compr.)	1100...2400 1/min
Noise level:	78-84 dB(A)
Temperature switch:	110 °C (10A-230V AC or DC)
Cooling:	air cooled integrated square cooler
Temperature of ambient to be built up:	-30°C - +60°C
Compressed air connection:	Rp 3/4"
Air end off-load:	Pneumatic control
Sizes (length, width, height):	980x405x597mm
Weight:	263kg
Operation:	periodical or continuous

The start-stop operating mode control has to be made by the Buyer.

Electromotor:

Type:	-
Shaft power:	-
Speed of rotation:	-
Frame:	-
Flange:	-
Protection:	-
Class of insulation:	-
Temperature protection:	-



BRQ7.5/10/1H- TECHNICAL DATASHEET

Brake compressor type BRQ7.5/10/1H

Rotary vane compressor with hydraulic motor, with integrated oil cooler, with external high efficiency air filter, without frame.

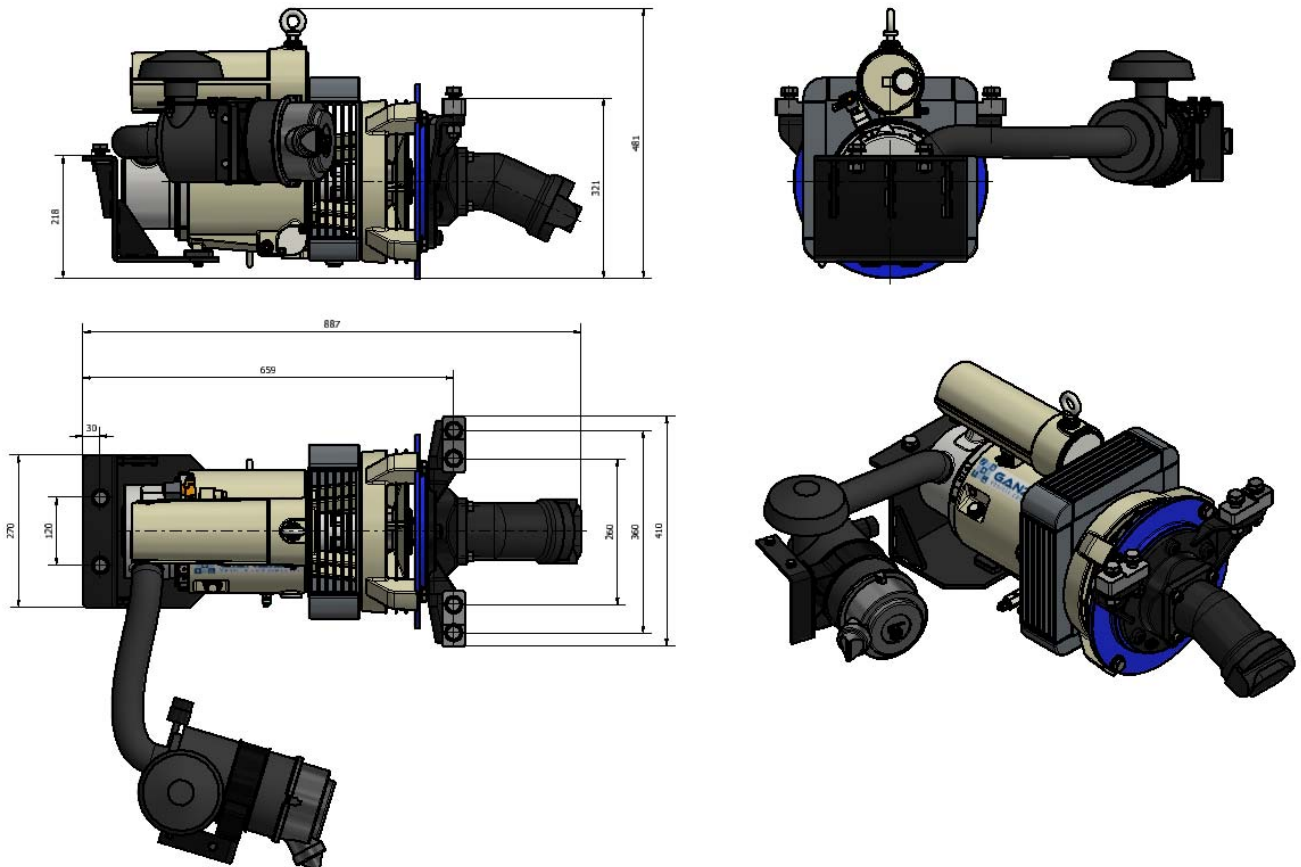
Rotation compressor:

Air end type:	GRC804 H-K
Compressor shaft power need:	7.3 kW
Nominal air delivery (10.0 barg):	860 liter/min +-5%
Max. pressure (at compr. Outlet):	10.0 barg
Safety valve opening pressure:	11.0 barg
Speed of rotation (compr.)	1940 1/min
Noise level:	80 dB(A)
Temperature switch:	110 °C (10A-230V AC or DC)
Cooling:	air cooled integrated square cooler
Temperature of ambient to be built up:	-30°C - +60°C
Compressed air connection:	Rp 1/2"
Air end off-load:	Pneumatic control
Sizes (length, width, height):	887x410x481mm
Weight:	82.5kg
Operation:	periodical or continuous

The start-stop operating mode control has to be made by the Buyer.

Hidromotor:

Type:	HYDROMA 310.2.28.01.03131
Shaft power:	7.5kW
Speed of rotation:	1940 1/min (max.4750)
Frame:	B5
Flange:	Special



BR 9_10_1 FV – TECHNICAL DATASHEET

Part number: 50006234

Brake compressor type - BR 9_10_1 FV

Rotary vane compressor with electric motor, v-belt driven, with external oil cooler, with air filter (loose) with suction tube, with supports and frame.

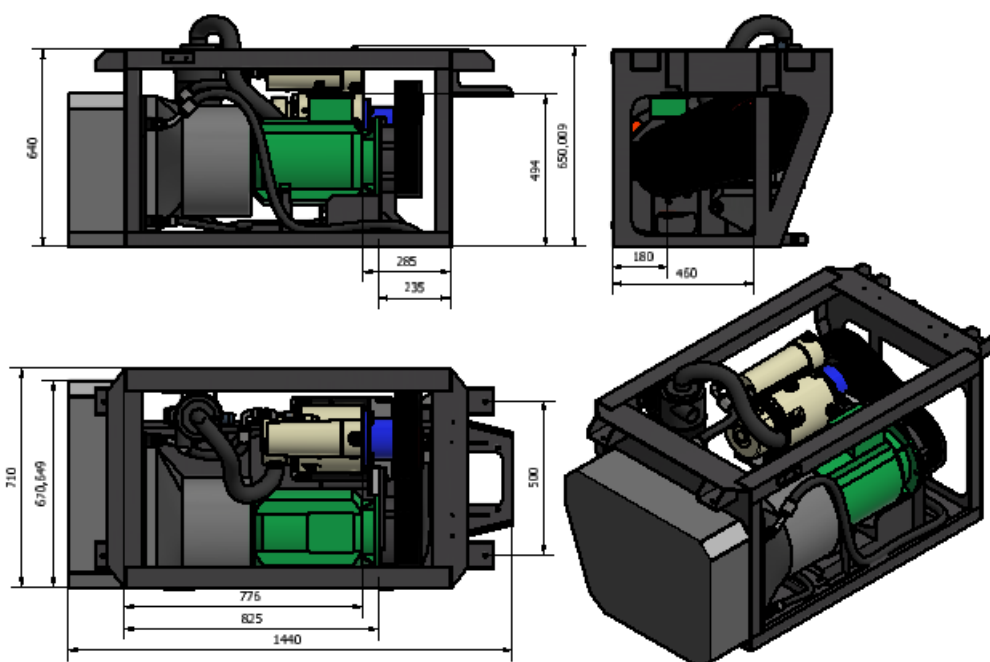
Rotation compressor:

Air end type:	GRC806 H
Compressor shaft power need:	9,0 kW
Nominal air delivery (10.0 barg):	1050 liter/min +-5%
Max. pressure (at compr. Outlet):	10.0 barg
Safety valve opening pressure:	11.0 barg
Speed of rotation (compr.)	2025 1/min
Noise level:	85 dB(A)
Temperature switch:	110 °C (10A-230V AC or DC)
Cooling:	air cooled external oil and air cooler
Temperature of ambient to be built up:	-30°C - +60°C
Compressed air connection:	Rp 1/2"
Air end off-load:	Pneumatic control
Sizes (length, width, height):	1438x710x750mm
Weight:	336kg (with oil)
Operation:	periodical or continuous

The start-stop operating mode control has to be made by the Buyer.

Electromotor:

Type:	Tropical Italy
Shaft power:	12 kW (400V, 30A, 12, kW)
Speed of rotation:	2705 1/min
Frame:	B35
Flange:	Special
Protection:	-
Class of insulation:	-
Temperature protection:	-



BR 9_10_2 FV – TECHNICAL DATASHEET

Part number: 50006815

Brake compressor type - BR 9_10_2FV

Rotary vane compressor with electric motor, v-belt driven, with external oil cooler, with air filter (loose) with suction tube, with supports and frame.

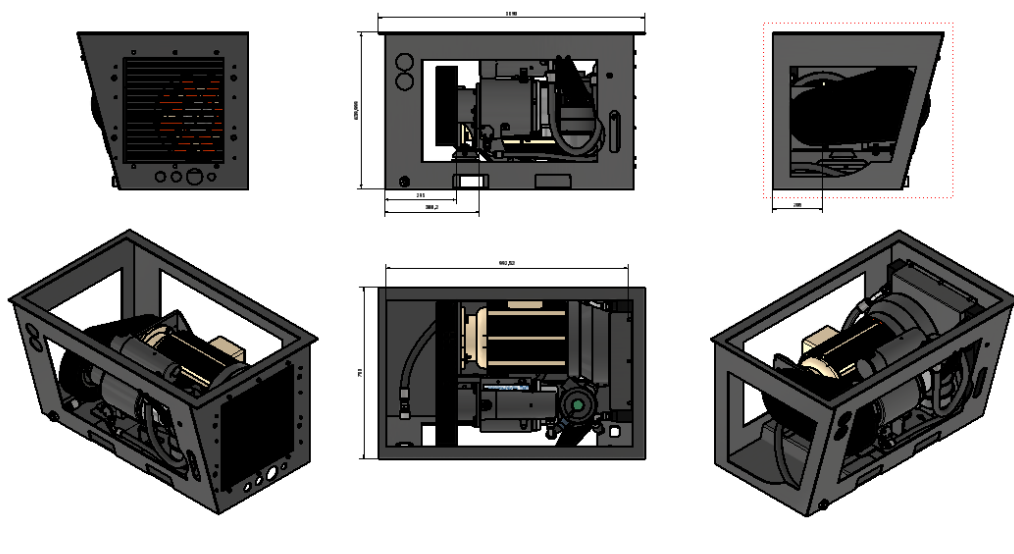
Rotation compressor:

Air end type:	GRC806 H
Compressor shaft power need:	9,0 kW
Nominal air delivery (10.0 barg):	1050 liter/min +-5%
Max. pressure (at compr. Outlet):	10.0 barg
Safety valve opening pressure:	11.0 barg
Speed of rotation (compr.)	2025 1/min
Noise level:	85 dB(A)
Temperature switch:	110 °C (10A-230V AC or DC)
Cooling:	air cooled external oil and air cooler
Temperature of ambient to be built up:	-30°C - +60°C
Compressed air connection:	Rp 1/2"
Air end off-load:	Pneumatic control
Sizes (length, width, height):	1438x710x750mm
Weight:	336kg (with oil)
Operation:	periodical or continuous

The start-stop operating mode control has to be made by the Buyer.

Electromotor:

Type:	Tropical Italy
Shaft power:	12 kW (400V, 30A, 12, kW)
Speed of rotation:	2705 1/min
Frame:	B35
Flange:	Special
Protection:	-
Class of insulation:	-
Temperature protection:	-



BRQ17/10/1FOV – TECHNICAL DATASHEET

Brake compressor type BRQ 17/10/1 FOV

Rotary vane compressor with old DC electric motor, integrated oil cooler, and air filter, with frame and vibration dampers.

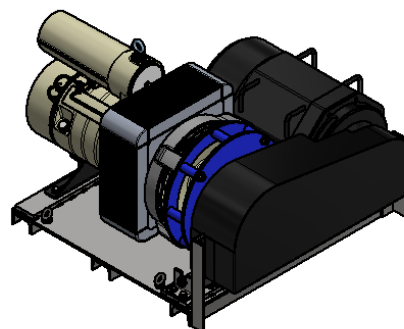
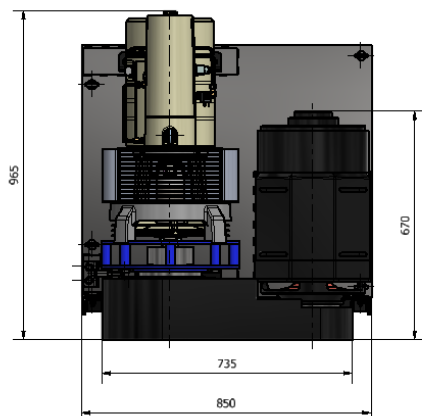
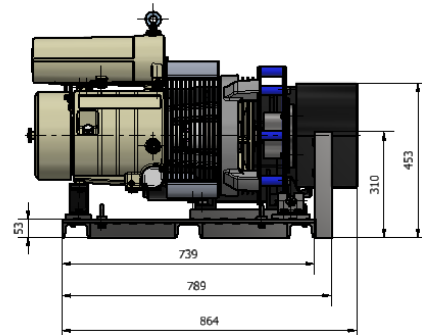
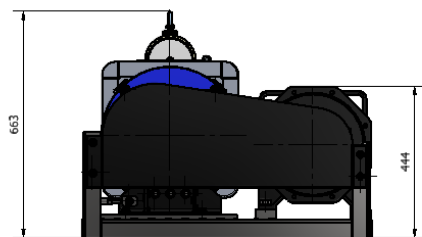
Rotation compressor:

Air end type:	GRC869 H
Compressor shaft power need:	16.5 kW
Motor shaft power:	17.0 kW
Nominal air delivery (10.0 barg):	2150 liter/min +-5%
Max. pressure (at compr. Outlet):	10.0 barg
Safety valve opening pressure:	11.0 barg
Speed of rotation (compr.)	1700 1/min
Noise level:	78-84 dB(A)
Temperature switch:	110 °C (10A-230V AC or DC)
Cooling:	air cooled integrated square cooler
Temperature of ambient to be built up:	-30°C - +60°C
Compressed air connection:	Rp 3/4"
Air end off-load:	Pneumatic control
Air end unload:	24V DC magnetic valve
Sizes (length, width, height):	965x850x663mm
Weight:	425kg
Operation:	periodical or continuous

The start-stop operating mode control has to be made by the Buyer.

Electromotor:

Type:	9A2135/4
Shaft power:	17 kW (220VDC, 93A)
Speed of rotation:	2800 1/min
Frame:	B3
Flange:	Special
Protection:	IP23S
Class of insulation:	B (130°C)
Temperature protection:	-



BRQ19/10/1F – TECHNICAL DATASHEET

Brake compressor type BRQ 19/10/1 F

Rotary vane compressor with electric motor, integrated oil cooler, and air filter, with frame and vibration dampers.

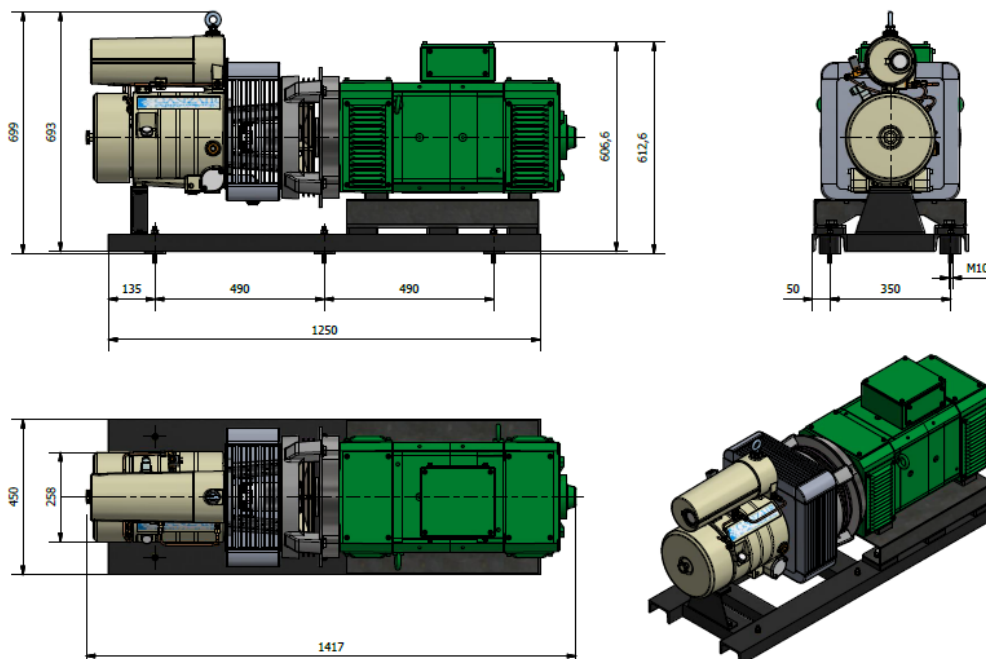
Rotation compressor:

Air end type:	GRC869 H
Compressor shaft power need:	14.5 kW
Motor shaft power:	19.0 kW
Nominal air delivery (10.0 barg):	1950 liter/min +-5%
Max. pressure (at compr. Outlet):	10.0 barg
Safety valve opening pressure:	11.0 barg
Speed of rotation (compr.)	1500 1/min
Noise level:	78-82 dB(A)
Temperature switch:	110 °C (10A-230V AC or DC)
Cooling:	air cooled integrated square cooler
Temperature of ambient to be built up:	-30°C - +60°C
Compressed air connection:	Rp 3/4"
Air end off-load:	Pneumatic control
Sizes (length, width, height):	1275x450x681mm
Weight:	410kg
Operation:	periodical or continuous

The start-stop operating mode control has to be made by the Buyer.

Electromotor:

Type:	P160 S2-01 PV/1001POSC
Shaft power:	19 kW (110VDC, 201A)
Speed of rotation:	1500 1/min
Frame:	B35
Flange:	FF300
Protection:	IP23
Class of insulation:	DT H (180°C)
Temperature protection:	PTC (2-wires)



BRQ19/10/1FA – TECHNICAL DATASHEET

Brake compressor type BRQ 19/10/1 FA

Rotary vane compressor with electric motor, integrated oil cooler, and air filter, with frame and vibration dampers.

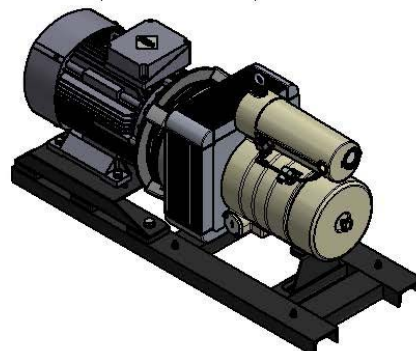
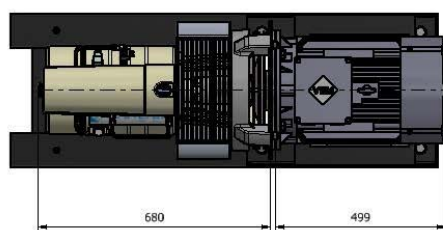
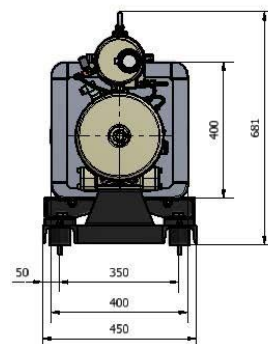
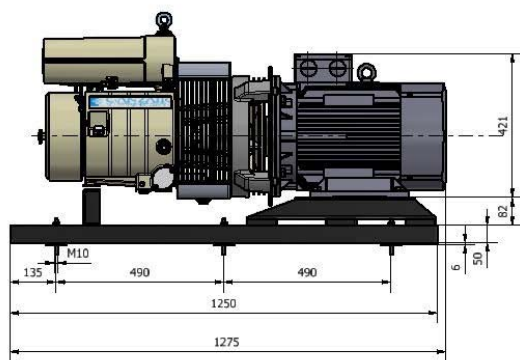
Rotation compressor:

Air end type:	GRC869 H
Compressor shaft power need:	14.5/18.0 kW
Motor shaft power:	18.5 kW
Nominal air delivery (10.0 barg):	1900/2250 liter/min +-5%
Max. pressure (at compr. Outlet):	10.0 barg
Safety valve opening pressure:	11.0 barg
Speed of rotation (compr.)	1460/1750 1/min
Noise level:	78-82 dB(A)
Temperature switch:	110 °C (10A-230V AC or DC)
Cooling:	air cooled integrated square cooler
Temperature of ambient to be built up:	-30°C - +60°C
Compressed air connection:	Rp 3/4"
Air end off-load:	Pneumatic control
Sizes (length, width, height):	1275x450x681mm
Weight:	340kg
Operation:	periodical or continuous

The start-stop operating mode control has to be made by the Buyer.

Electromotor:

Type:	IE1-K21R 180 M4
Shaft power:	18.5 kW
	(400/690V, 35.0/20.3A 50/60Hz)
Speed of rotation:	1460/1750 1/min
Frame:	B35
Flange:	FF300
Protection:	IP55
Class of insulation:	DT H (180°C)
Temperature protection:	-



BRQ 19/10/2 FO – TECHNICAL DATASHEET

Part number: 50006149

Brake compressor type BRQ 19/10/2 FO

Rotary vane compressor with electric motor, v-belt driven, with integrated oil cooler, with air filter (loose) with suction tube, with supports and frame.

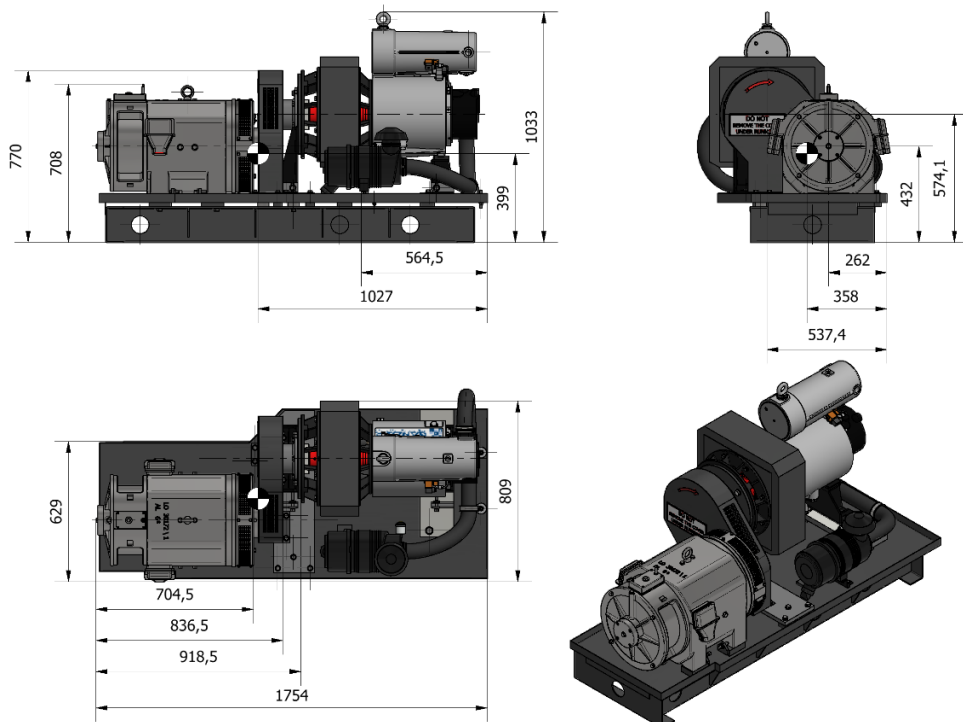
Rotation compressor:

Air end type:	GRC1118 H
Compressor shaft power need:	17,1 kW
Nominal air delivery (10.0 barg):	2570 liter/min +-5%
Max. pressure (at compr. Outlet):	10.0 barg
Safety valve opening pressure:	11.0 barg
Speed of rotation (compr.)	1091 1/min
Noise level:	85 dB(A)
Temperature switch:	110 °C (10A-230V AC or DC)
Cooling:	air cooled integrated square cooler
Temperature of ambient to be built up:	-30°C - +60°C
Compressed air connection:	Rp 1"
Air end off-load:	Pneumatic control
Sizes (length, width, height):	1754x809x1033mm
Weight:	711kg (with oil)
Operation:	periodical or continuous

The start-stop operating mode control has to be made by the Buyer.

Electromotor:

Type:	LO 30172\1 AL 6 8
Shaft power:	17,5 kW (1500V, 15A, 17,3 kW)
Speed of rotation:	2315 1/min
Frame:	B35
Flange:	Special
Protection:	-
Class of insulation:	-
Temperature protection:	-



BR22/10/1F – TECHNICAL DATASHEET

Brake compressor type BR 22/10/1 F

Rotary vane compressor with new DC electric motor, external oil cooler, and air filter, with frame and vibration dampers.

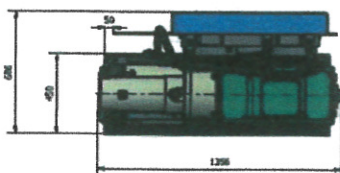
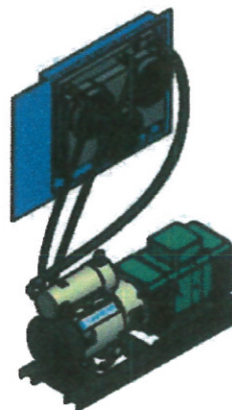
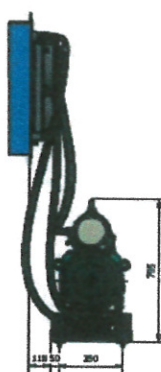
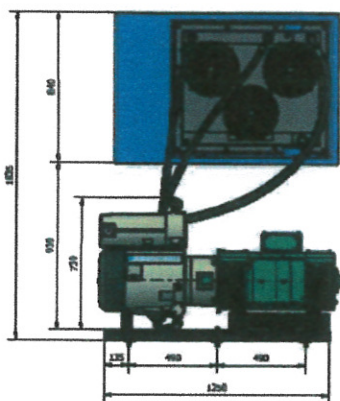
Rotation compressor:

Air end type:	GR1114 H
Compressor shaft power need:	19.5 kW
Motor shaft power:	19.0 kW
Nominal air delivery (10.0 barg):	2620 liter/min +-5%
Max. pressure (at compr. Outlet):	10.0 barg
Safety valve opening pressure:	11.0 barg
Speed of rotation (compr.)	1500 1/min
Noise level:	78 dB(A)
Temperature switch:	110 °C (10A-230V AC or DC)
Cooling:	air cooled external square cooler
Temperature of ambient to be built up:	-30°C - +60°C
Compressed air connection:	Rp 1"
Air end off-load:	Pneumatic control
Sizes (length, width, height):	1353x450x795mm
Weight:	375kg (without cooler) 75kg (cooler)
Operation:	periodical or continuous

The start-stop operating mode control has to be made by the Buyer.

Electromotor:

Type:	P160 S2-01 PV/1001POSC
Shaft power:	19 kW (170V, 132A)
Speed of rotation:	1500 1/min
Frame:	B35
Flange:	FF300
Protection:	IP23
Class of insulation:	DT H (180°C)
Temperature protection:	PTC (2-wires)



BR22/10/1FVF – TECHNICAL DATASHEET

Brake compressor type BR 22/10/1 FVF

Rotary vane compressor with electric motor, external oil cooler, and air filter (loose) with suction tube with frame and vibration dampers.

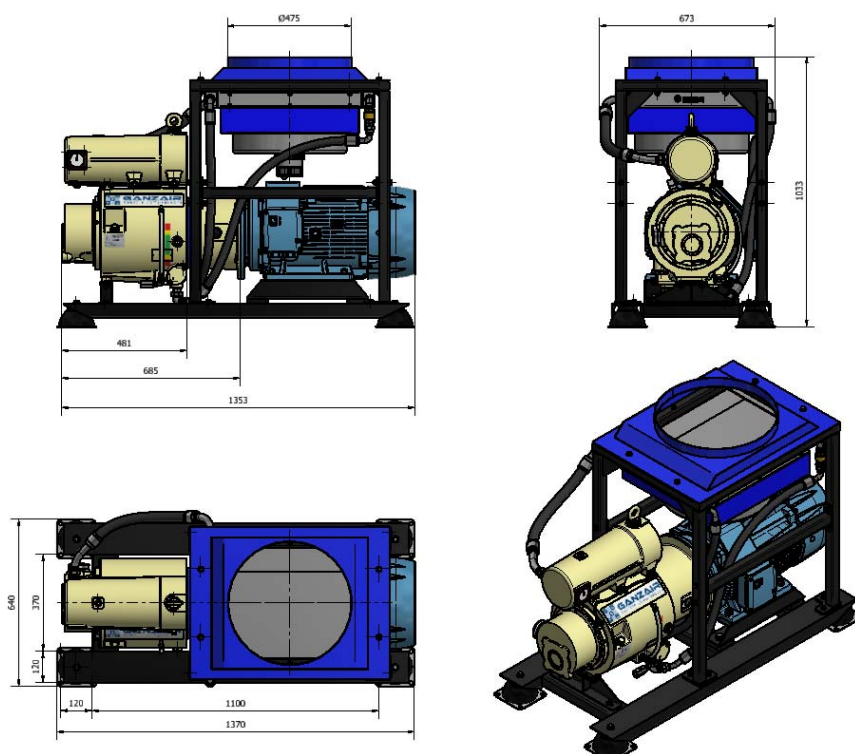
Rotation compressor:

Air end type:	GR1114 H or GR1115 H
Compressor shaft power need:	19.5 or 22.0 kW
Motor shaft power:	22.0 kW
Nominal air delivery (10.0 barg):	2650 or 2920 liter/min +-5%
Max. pressure (at compr. Outlet):	10.0 barg
Safety valve opening pressure:	11.0 barg
Speed of rotation (compr.)	1465 1/min
Noise level:	78 dB(A)
Temperature switch:	110 °C (10A-230V AC or DC)
Cooling:	air cooled external square cooler
Temperature of ambient to be built up:	-30°C - +60°C
Compressed air connection:	Rp 1"
Air end off-load:	Pneumatic control
Sizes (length, width, height):	1353x640x1033mm
Weight:	~510kg
Operation:	periodical or continuous

The start-stop operating mode control has to be made by the Buyer.

Electromotor:

Type:	MORGENSEN
Shaft power:	22 kW
	(400/690V, 43.0/24.9A 50 Hz)
Speed of rotation:	1465 1/min
Frame:	B35
Flange:	FF300
Protection:	IP55
Class of insulation:	F or H (155 or 180°C)
Temperature protection:	PTC (2-wires)



BR22/10/1FA – TECHNICAL DATASHEET

Brake compressor type BR 22/10/1 FA

Rotary vane compressor with new electric motor, external oil cooler, and air filter, with frame and vibration dampers.

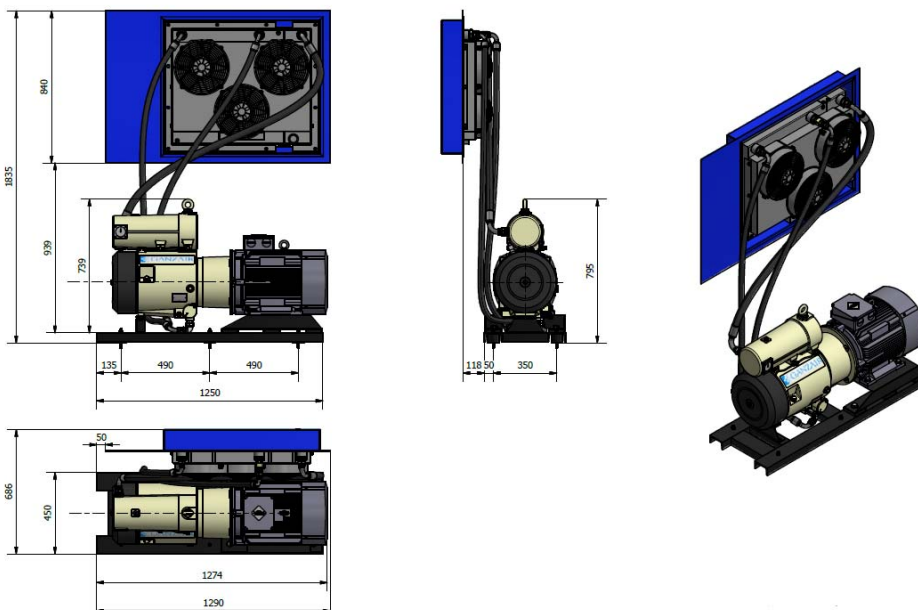
Rotation compressor:

Air end type:	GR1114 H
Compressor shaft power need:	19.5 kW
Motor shaft power:	22.0 kW
Nominal air delivery (10.0 barg):	2620 liter/min +-5%
Max. pressure (at compr. Outlet):	10.0 barg
Safety valve opening pressure:	11.0 barg
Speed of rotation (compr.)	1465 1/min
Noise level:	78 dB(A)
Temperature switch:	110 °C (10A-230V AC or DC)
Cooling:	air cooled external square cooler
Temperature of ambient to be built up:	-30°C - +60°C
Compressed air connection:	Rp 1"
Air end off-load:	Pneumatic control
Sizes (length, width, height):	1290x450x795mm
Weight:	355kg (without cooler) 75kg (cooler)
Operation:	periodical or continuous

The start-stop operating mode control has to be made by the Buyer.

Electromotor:

Type:	IE1-K21R 180 L4
Shaft power:	22 kW (400/690V, 43.0/24.9A 50Hz)
Speed of rotation:	1465 1/min
Frame:	B35
Flange:	FF300
Protection:	IP55
Class of insulation:	H (180°C)
Temperature protection:	PTC (2-wires)



BR 22/10/2 FA – TECHNICAL DATASHEET

Part number: 50006329

Brake compressor type BR 22/10/2 FA

Rotary vane compressor with electric motor, with external oil-air cooler, with air filter (loose) with suction tube, with supports and frame.

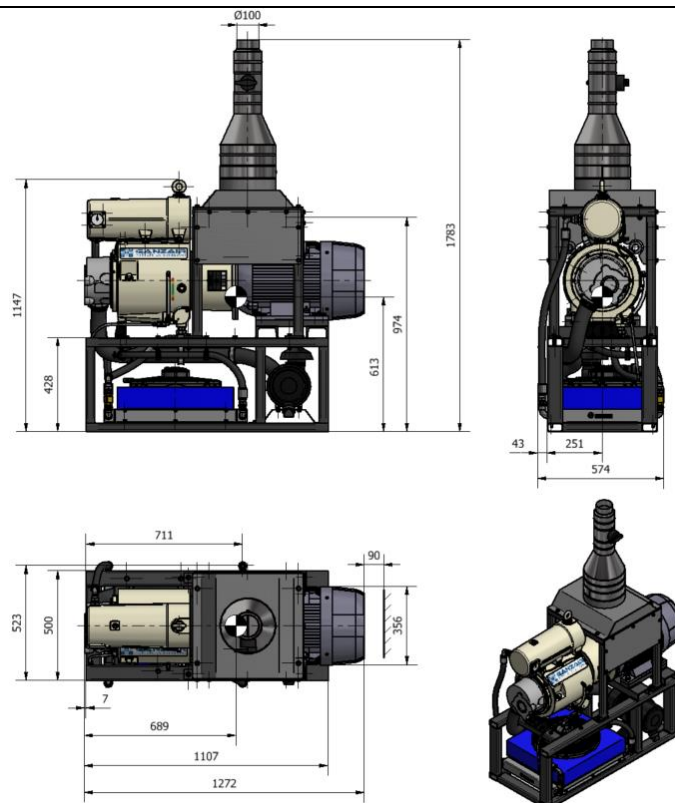
Rotation compressor:

Air end type:	GR1115 H
Compressor shaft power need:	21,5 kW
Nominal air delivery (10.0 barg):	2950 liter/min +-5%
Max. pressure (at compr. Outlet):	10.0 barg
Safety valve opening pressure:	11.0 barg
Speed of rotation (compr.)	1475 1/min
Noise level:	80 dB(A)
Temperature switch:	110 °C (10A-230V AC or DC)
Cooling:	combined oil-air cooler
Temperature of ambient to be built up:	-30°C - +60°C
Compressed air connection:	Rp 3/4"
Air end off-load:	Pneumatic control
Sizes (length, width, height):	1272x574x1783mm
Weight:	438kg (with oil)
Operation:	periodical or continuous

The start-stop operating mode control has to be made by the Buyer.

Electromotor:

Type:	IE3-SIEMENS 1LE1503
Shaft power:	22 kW
	(400/690V, 41.0/24.0A 50Hz)
Speed of rotation:	1475 1/min
Frame:	B35
Flange:	FF300
Protection:	IP55
Class of insulation:	H (180°C)
Temperature protection:	PTC (2-wires)



BR37/10/1FVF – TECHNICAL DATASHEET

Brake compressor type BR 37/10/1 FVF

Variable speed rotary vane compressor with electric motor, external oil cooler, and air filter (loose) with suction tube with frame and vibration dampers.

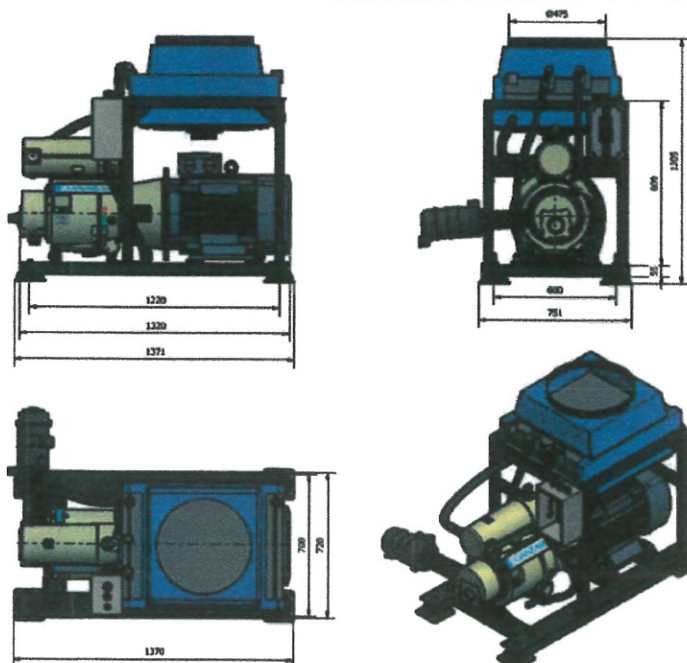
Rotation compressor:

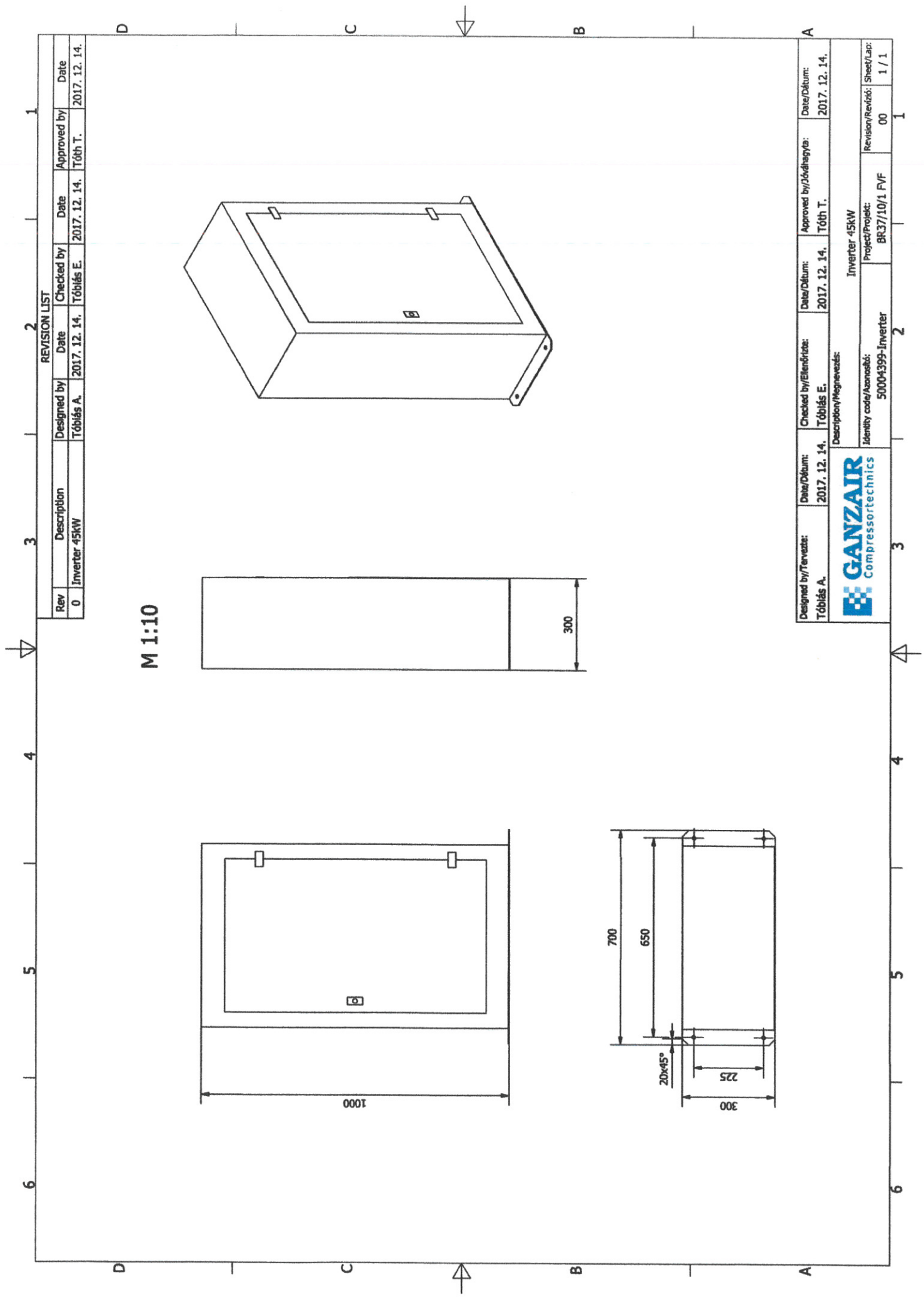
Air end type:	GR1119 H
Compressor shaft power need:	30.0 – 35.0 kW
Motor shaft power:	37.0 kW
Nominal air delivery (10.0 barg):	4050 – 4650 liter/min+5%
Max. pressure (at compr. Outlet):	10.0 barg
Safety valve opening pressure:	11.0 barg
Speed of rotation (compr.)	1470 - 1700 1/min
Noise level:	78 dB(A)
Temperature switch:	110 °C (10A-230V AC or DC)
Cooling:	air cooled external square cooler
Temperature of ambient to be built up:	-30°C - +60°C
Compressed air connection:	Rp 1"
Air end off-load:	Pneumatic control
Sizes (length, width, height):	1371x720x1205mm
Weight:	600kg
Operation:	periodical or continuous

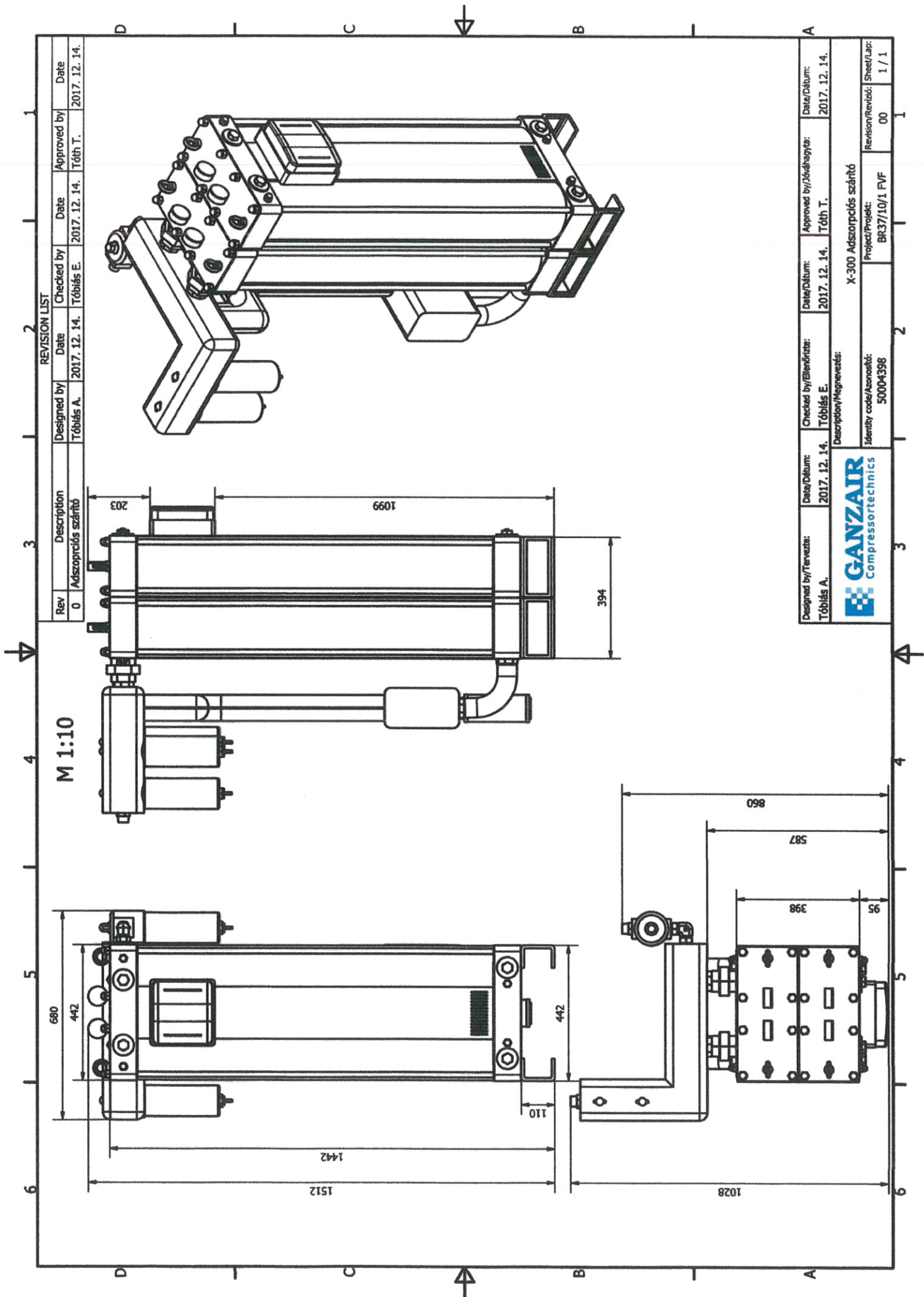
The start-stop operating mode control has to be made by the Buyer.

Electromotor:

Type:	IE1-K21R 225 S4 HW
Shaft power:	37 kW
	(400/690V, 69.5/40.3A 50 Hz)
Speed of rotation:	1470 1/min
Frame:	B35
Flange:	FF400
Protection:	IP55
Class of insulation:	H (180°C)
Temperature protection:	PTC (2-wires)







Designed by/Tervezte:	Date/Dátum:	Checked by/Ellenőrizte:	Date/Dátum:	Approved by/Jóváhagyta:	Date/Dátum:
Tóthás A.	2017. 12. 14.	Tóthás E.	2017. 12. 14.	Tóth T.	2017. 12. 14.
Description/Megnevezés:					
X-300 Adsorpció számló					
Identity code/Azonosító:		Project/Projekt:		Revision/Revízió:	
50004398		BR37/10/1 FVF		00	
				Sheet/Lap:	
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BR37/10/2F – TECHNICAL DATASHEET

Brake compressor type BR 37/10/2 F

Rotary vane compressor with electric motor, external oil cooler, and air filter (loose) with suction tube with frame and vibration dampers.

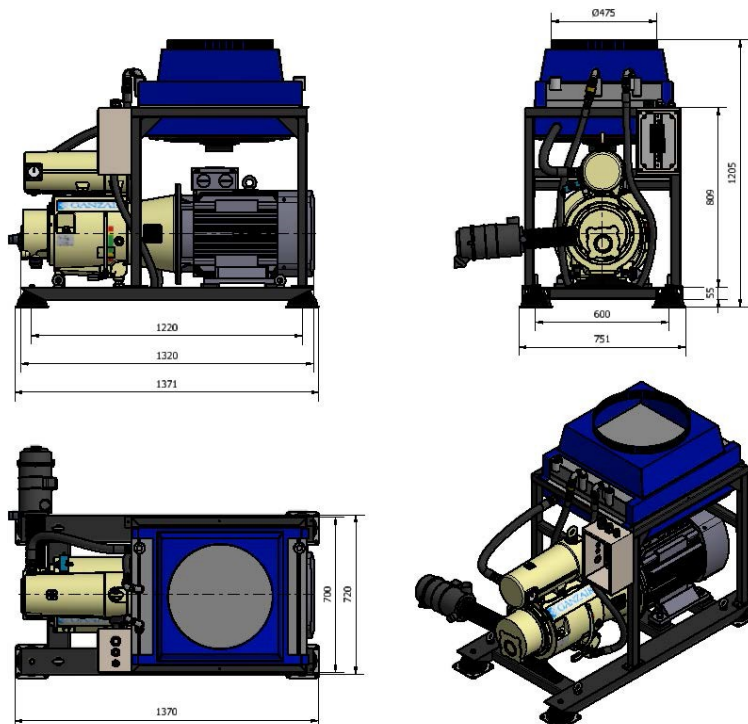
Rotation compressor:

Air end type:	GR1118 H
Compressor shaft power need:	26.0 kW
Motor shaft power:	37.0 kW
Nominal air delivery (10.0 barg):	3600 liter/min +-5%
Max. pressure (at compr. Outlet):	10.0 barg
Safety valve opening pressure:	11.0 barg
Speed of rotation (compr.)	1465 1/min
Noise level:	78 dB(A)
Temperature switch:	110 °C (10A-230V AC or DC)
Cooling:	air cooled external square cooler
Temperature of ambient to be built up:	-30°C - +60°C
Compressed air connection:	Rp 1"
Air end off-load:	Pneumatic control
Sizes (length, width, height):	1371x720x1205mm
Weight:	600kg
Operation:	periodical or continuous

The start-stop operating mode control has to be made by the Buyer.

Electromotor:

Type:	IE1-K21R 225 S4 HW
Shaft power:	37 kW
	(400/690V, 69.5/40.3A 50 Hz)
Speed of rotation:	1470 1/min
Frame:	B35
Flange:	FF400
Protection:	IP55
Class of insulation:	H (180°C)
Temperature protection:	PTC (2-wires)



BR37/10/1F – TECHNICAL DATASHEET

Brake compressor type BR 37/10/1 F

Rotary vane compressor with electric motor, external oil cooler, and air filter (loose) with suction tube with frame and vibration dampers.

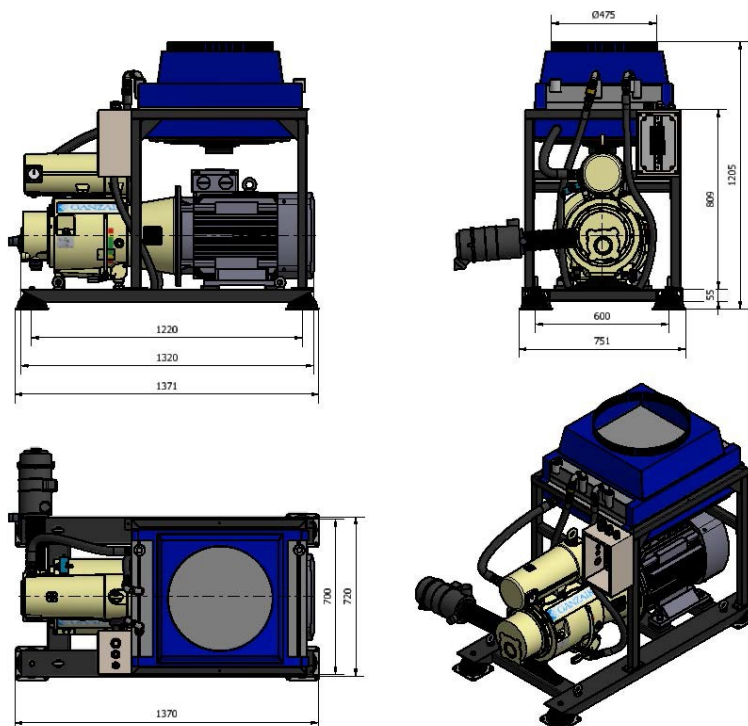
Rotation compressor:

Air end type:	GR1119 H
Compressor shaft power need:	30.0 kW
Motor shaft power:	37.0 kW
Nominal air delivery (10.0 barg):	4050 liter/min +-5%
Max. pressure (at compr. Outlet):	10.0 barg
Safety valve opening pressure:	11.0 barg
Speed of rotation (compr.)	1470 1/min
Noise level:	78 dB(A)
Temperature switch:	110 °C (10A-230V AC or DC)
Cooling:	air cooled external square cooler
Temperature of ambient to be built up:	-30°C - +60°C
Compressed air connection:	Rp 1"
Air end off-load:	Pneumatic control
Sizes (length, width, height):	1371x720x1205mm
Weight:	600kg
Operation:	periodical or continuous

The start-stop operating mode control has to be made by the Buyer.

Electromotor:

Type:	IE1-K21R 225 S4 HW
Shaft power:	37 kW
	(400/690V, 69.5/40.3A 50 Hz)
Speed of rotation:	1470 1/min
Frame:	B35
Flange:	FF400
Protection:	IP55
Class of insulation:	H (180°C)
Temperature protection:	PTC (2-wires)



BR37/10/2FD – TECHNICAL DATASHEET

Brake compressor type BR 37/10/2 FD

Rotary vane compressor with electric motor, external oil cooler, and air filter (loose) with suction tube, with adsorption dryer, with automatic drain valve, with frame and vibration dampers.

Rotation compressor:

Air end type:	GR1119 H
Compressor shaft power need:	30.0 kW
Motor shaft power:	37.0 kW
Nominal air delivery (10.0 barg):	4050 liter/min +-5%
Max. pressure (at compr. Outlet):	10.0 barg
Safety valve opening pressure:	11.0 barg
Speed of rotation (compr.)	1470 1/min
Noise level:	78 dB(A)
Temperature switch:	110 °C (10A-230V AC or DC)
Cooling:	air cooled external square cooler
Temperature of ambient to be built up:	-30°C - +60°C
Pressure dew point temperature:	-40.0°C
Compressed air connection:	Rp 1"
Air end off-load:	Electro - Pneumatic control
Sizes (length, width, height):	1405x1035x1617mm
Weight:	890kg
Operation:	periodical or continuous

The start-stop operating mode control has to be made by the Buyer.

Electromotor:

Type:	IE1-K21R 225 S4 HW
Shaft power:	37 kW
	(400/690V, 69.5/40.3A 50 Hz)
Speed of rotation:	1470 1/min
Frame:	B35
Flange:	FF400
Protection:	IP55
Class of insulation:	H (180°C)
Temperature protection:	PTC (2-wires)

