NEW GENERATION ROTARY SCREW COMPRESSORS - FM SERIES

At a glance…

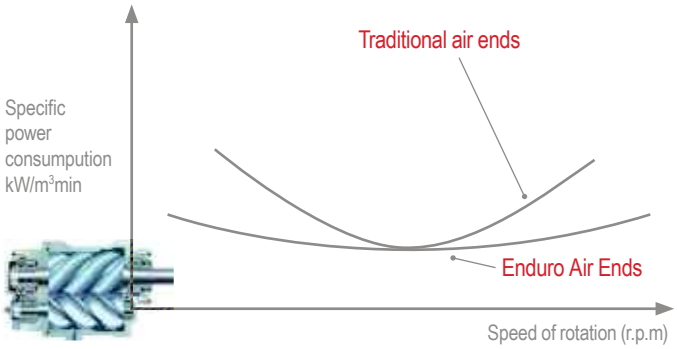
Nominal Pressure
5 - 13 bar g

Motor Power
7 - 22kW

Volume Flow
0.45 - 3.50 m³/min

FM & FM RS Screw Compressors up to 46°C ambient temperature

The generously sized ventilation system ensures optimum cooling, low outlet air temperatures best performance and reliability under harshest conditions



Premium Quality Airends

FM series feature high quality airends manufactured in Finland using state of the art manufacturing techniques. The airends are designed with focus on reliability and efficiency. The rotors are accurate and thoroughly checked and measured by a computerised control system. Enduro airends have a flat specific power consumption curve, which enables efficient use of the airend in wide rpm. For models FM15-22 the Tamrotor Enduro airend features integrated air - oil separator and oil filter which offers a very compact design and improved maintenance.

FM & FM RS package compressors with dryer and tank

Based up on the individual customer requirements the compressors can be combined with different options to provide options from a stand alone compressor to the complete package.

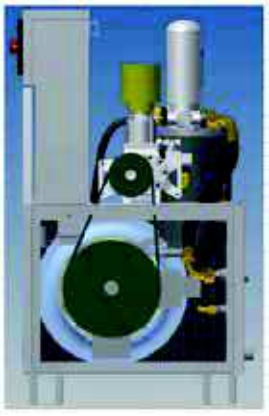
- Compressor base mounted
- Tank mounted compressor
- Complete package including compressor, dryer and tank

New advanced controller C-PRO 2.0 ensures reliable operation and protects your investment by continuously monitoring the operational parameters

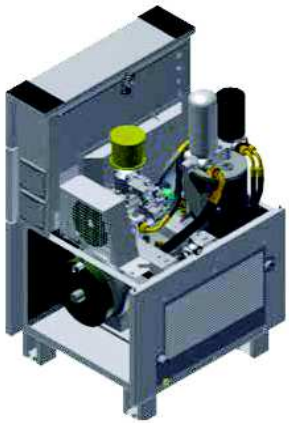
- ✓ 3 analog inputs
- ✓ Multi-language: English/German/French/Italian/Spanish
- ✓ Standard sequence control up to 8 units (up to 7 units fixed speed & 1 variable speed)
- ✓ Standard Modbus
- ✓ 15 failure records in memory
- ✓ Continuous system monitoring

Easy maintenance

FM compressors are designed to ensure easy access to maintenance points. Panels on the structure can be easily removed to allow full access to all service points. Also, the limited number of moving parts reduces service costs.



Belt Auto Tensioning system



The automate tensioning of the belt assures long life of the belt, less maintenance and noise reduction.

Compact design with a footprint of 0,4 m² for frame 1 and 0.5m² for frame 2; FM series offer one of the most compact air compressors in the market. FM innovative design also features low noise level allowing installation at the point of use.

High Efficient Motors

- ✓ International efficiency class 2 (IE3) as a standard.
- ✓ IP 55 enclosure
- ✓ Full performance up to 46°C ambient temperature

FM RS

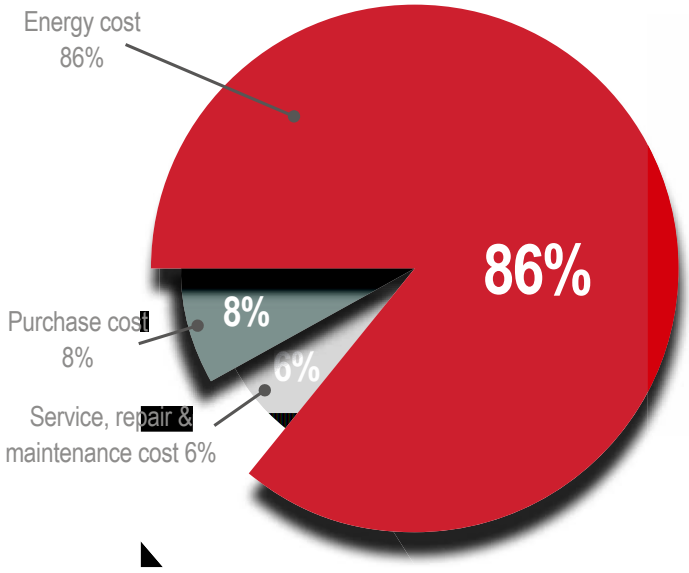
flexiAIR
Variable Speed Technology

= Energy savings and lower CO_2 emissions into the environment.

The variable speed compressor: One smart solution

Variable speed compressors can efficiently and reliably handle the varying air demand found in most plant air systems. These compressors speed up and slow down to match air supply to air demand as it fluctuates. The right variable speed compressor in the right application delivers significant energy savings and a stable, consistent air supply.

Cost of compressed air over 5 years



FM RS flexiAIR Variable Speed Technology

Allows substantial energy savings of at least 25% of the energy cost

The intelligent C-PRO 2.0 controller

Simplicity

The C-PRO 2.0 controller was designed to make the operators' interface with the variable speed drive transparent. This new generation controller features extra functions for variable speed compressors like drive status display and flexible PID setting according the application. You don't need to be an expert on variable speed drives to operate your compressor. The controller takes care of the details and automatically adjusts the compressor performance to meet your changing air system demands - saving you energy. Changing the discharge pressure is as easy as pressing a button.

FM package compressors

With dryer, filters and tank

The FM Package compressors can be easily and rapidly installed in any installation.

Technical data

FM 7 Series: Screw Compressors

Design: Oil flooded, Single stage rotary screw compressor, belt drive, air cooled
Pressure Range: 7-8-10-13 bar
Electric motor: 7,5 kW - IE3

FM SERIES	TYPE	FM7			
CODE		CC1184130	CC1184131	CC1183626	CC1184132
Maximum pressure	bar	7	8	10	13
Capacity at maximum pressure	m³/min	1.13	0.99	0.97	0.80
Drive motor IP 55 / class F – IE3	kW	7.5	7.5	7.5	7.5
Operating Voltage, 50Hz	400 V	•	•	•	•
Control voltage	24 V	•	•	•	•
C-Pro 2.0 electronic controller		•	•	•	•
Noise Level	db(A)	70	70	70	70
After-cooler		•	•	•	•
Weight	kg	205	205	205	205
Dimensions [L x W x H]	mm	667 x 630 x 1050	667 x 630 x 1050	667 x 630 x 1050	667 x 630 x 1050
Outlet connection EN 10266 (DIN 2999)		3/4"	3/4"	3/4"	3/4"
COMPRESSOR MOUNTED ON 270 LT TANK					
Code		**CC1186380**	**CC1186381**	**CC1186382**	**CC1186383**
Weight	kg	300	300	300	300
Dimensions [L x W x H]	mm	1600 x 700 x 1600	1600 x 700 x 1600	1600 x 700 x 1600	1600 x 700 x 1600
COMPRESSOR MOUNTED ON 500 LT TANK					
Code		**CC1186394**	**CC1186395**	**CC1186396**	**CC1186397**
Weight	kg	365	365	365	365
Dimensions [L x W x H]	mm	2000 x 700 x 1700	2000 x 700 x 1700	2000 x 700 x 1700	2000 x 700 x 1700
PACKAGE VERSION, FM / CT / 270 [1]					
Code		**CC1186422**	**CC1186423**	**CC1186424**	**CC1186425**
Weight	kg	340	340	340	340
Dimensions [L x W x H]	mm	1600 x 700 x 1600	1600 x 700 x 1600	1600 x 700 x 1600	1600 x 700 x 1600
PACKAGE VERSION, FM / CT / 500 [1]					
Code		**CC1186426**	**CC1186427**	**CC1186428**	**CC1186429**
Weight	kg	405	405	405	405
Dimensions [L x W x H]	mm	2000 x 700 x 1700	2000 x 700 x 1700	2000 x 700 x 1700	2000 x 700 x 1700

OPTIONAL	
Alternative Voltage, 230V / 50-60 Hz [3]	
Alternative Voltage, 380V / 60 Hz [3]	
Filter Kit with bypass for dryer [2] [3]	***installed***
Automatic drain discharge [3]	
Anticorrosion % [3]	
Food grade Oil (19 Litres) [3]	
Internal Vessel acc AD 2000	
Extended 5 year warranty	**CC1180791**
SERVICE & PARTS	
Service Kit for every 4000 h or 12 months	**CC1180671**
Service Kit for every 8000 h or 24 months	**CC1180677**
ChampLube Lubricant 3 x 4 Litres	**CC1180019**

[1] Compressor mounted on tank with refrigeration cycle dryer (CT).
Dew point + 3° C with compressor air inlet temperature + 35° and per ISO 7183

[2] Kit includes PRE FILTER, COALESCENT FILTER and BY-PASS

[3] **Must be clearly mentioned in the order**

FM FIXED SPEED, FM RS VARIABLE SPEED

FM 11 Series: Screw Compressors

Design: Oil flooded, Single stage rotary screw compressor, belt drive, air cooled
Pressure Range: 7 to 13 bar
Electric motor: 11 kW - IE3

FM SERIES	TYPE	FM11			
CODE		CC1184133	CC1184154	CC1183627	CC1184155
Maximum pressure	bar	7	8	10	13
Capacity at maximum pressure	m^3/min	1.59	1.41	1.39	1.09
Drive motor IP 55 / class F – IE3	kW	11	11	11	11
Operating Voltage, 50Hz	400 V	•	•	•	•
Control voltage	24 V	•	•	•	•
C-Pro 2.0 electronic controller		•	•	•	•
Noise Level	db(A)	70	70	70	70
After-cooler		•	•	•	•
Weight	kg	219	219	219	219
Dimensions [L x W x H]	mm	667 x 630 x 1050	667 x 630 x 1050	667 x 630 x 1050	667 x 630 x 1050
Outlet connection EN 10266 (DIN 2999)		3/4"	3/4"	3/4"	3/4"
COMPRESSOR MOUNTED ON 270 LT TANK					
Code		**CC1186398**	**CC1186399**	**CC1186400**	**CC1186401**
Weight	kg	314	314	314	314
Dimensions [L x W x H]	mm	1600 x 700 x 1600	1600 x 700 x 1600	1600 x 700 x 1600	1600 x 700 x 1600
COMPRESSOR MOUNTED ON 500 LT TANK					
Code		**CC1186402**	**CC1186403**	**CC1186404**	**CC1186405**
Weight	kg	379	379	379	379
Dimensions [L x W x H]	mm	2000 x 700 x 1700	2000 x 700 x 1700	2000 x 700 x 1700	2000 x 700 x 1700
PACKAGE VERSION, FM / CT / 270 [1]					
Code		**CC1186430**	**CC1186431**	**CC1186432**	**CC1186433**
Weight	kg	354	354	354	354
Dimensions [L x W x H]	mm	1600 x 700 x 1600	1600 x 700 x 1600	1600 x 700 x 1600	1600 x 700 x 1600
PACKAGE VERSION, FM / CT / 500 [1]					
Code		**CC1186434**	**CC1186435**	**CC1186436**	**CC1186437**
Weight	kg	419	419	419	419
Dimensions [L x W x H]	mm	2000 x 700 x 1700	2000 x 700 x 1700	2000 x 700 x 1700	2000 x 700 x 1700

OPTIONAL	
Alternative Voltage, 230V / 50 – 60 Hz [3]	
Alternative Voltage, 380V / 60 Hz [3]	
Filter Kit with bypass for dryer [2] [3]	***installed***
Automatic drain discharge [3]	
Anticorrosion % [3]	
Food grade Oil (19 Litres) [3]	
Internal Vessel acc AD 2000	
Extended 5 year warranty	**CC1180791**
SERVICE & PARTS	
Service Kit for every 4000 h or 12 months	**CC1180671**
Service Kit for every 8000 h or 24 months	**CC1180677**
ChampLube Lubricant 3 x 4 Litres	**CC1180019**

[1] Compressor mounted on tank with refrigeration cycle dryer (CT).
Dew point + 3° C with compressor air inlet temperature + 35° and per ISO 7183

[2] Kit includes PRE FILTER, COALESCENT FILTER and BY-PASS

[3] **Must be clearly mentioned in the order**

FM 7 RS Series: Screw Compressors

Design: Oil flooded, Single stage rotary screw compressor, variable speed, air cooled
Pressure Range: 5 to 13 bar
Electric motor: 7.5 kW - IE3

FM SERIES	TYPE	FM7RS			
CODE		CC1184156	CC1184157	CC1184158	CC1184159
Maximum pressure	bar	7	8	10	13
Capacity at maximum pressure	m^3/min	1.13	0.98	0.95	0.80
Drive motor IP 55 / class F – IE3	kW	7.5	7.5	7.5	7.5
Operating Voltage, 50Hz	400 V	•	•	•	•
Control voltage	24 V	•	•	•	•
C-Pro 2.0 electronic controller		•	•	•	•
Noise Level	db(A)	67	67	67	67
After-cooler		•	•	•	•
Weight	kg	225	225	225	225
Dimensions [L x W x H]	mm	667x630x1050	667x630x1050	667x630x1050	667x630x1050
Outlet connection EN 10266 (DIN 2999)		3/4"	3/4"	3/4"	3/4"
COMPRESSOR MOUNTED ON 270 LT TANK					
Code		**CC1186406**	**CC1186407**	**CC1186408**	**CC1186409**
Weight	kg	320	320	320	320
Dimensions [L x W x H]	mm	1600x700x1600	1600x700x1600	1600x700x1600	1600x700x1600
COMPRESSOR MOUNTED ON 500 LT TANK					
Code		**CC1186410**	**CC1186411**	**CC1186412**	**CC1186413**
Weight	kg	385	385	385	385
Dimensions [L x W x H]	mm	2000x700x1700	2000x700x1700	2000x700x1700	2000x700x1700
PACKAGE VERSION, FM / CT / 270 [1]					
Code		**CC1186438**	**CC1186439**	**CC1186440**	**CC1186441**
Weight	kg	360	360	360	360
Dimensions [L x W x H]	mm	1600x700x1600	1600x700x1600	1600x700x1600	1600x700x1600
PACKAGE VERSION, FM / CT / 500 [1]					
Code		**CC1186442**	**CC1186443**	**CC1186444**	**CC1186445**
Weight	kg	425	425	425	425
Dimensions [L x W x H]	mm	2000x700x1700	2000x700x1700	2000x700x1700	2000x700x1700

OPTIONAL	
Alternative Voltage, 230V / 50-60 Hz [3]	
Alternative Voltage, 380V / 60 Hz [3]	
Filter Kit with bypass for dryer [2] [3]	***installed***
Automatic drain discharge [3]	
Anticorrosion % [3]	
Food grade Oil (19 Litres) [3]	
Internal Vessel acc AD 2000	
Extended 5 year warranty	**CC1180791**
SERVICE & PARTS	
Service Kit for every 4000 h or 12 months	**CC1180672**
Service Kit for every 8000 h or 24 months	**CC1180678**
ChampLube Lubricant 3 x 4 Litres	**CC1180019**

[1] Compressor mounted on tank with refrigeration cycle dryer (CT).
Dew point + 3° C with compressor air inlet temperature + 35° and per ISO 7183

[2] Kit includes PRE FILTER, COALESCENT FILTER and BY-PASS

[3] **Must be clearly mentioned in the order**

FM FIXED SPEED, FM RS VARIABLE SPEED

FM 11 RS Series: Screw Compressors

Design: Oil flooded, Single stage rotary screw compressor, variable speed, air cooled
Pressure Range: 5 to 13 bar
Electric motor: 11 kW - IE3

FM SERIES	TYPE	FM11RS			
CODE		CC1184160	CC1184161	CC1184162	CC1184163
Maximum pressure	bar	7	8	10	13
Capacity at maximum pressure and 100% load	m^3/min	1.58	1.41	1.39	1.07
Drive motor IP 55 / class F – IE3	kW	11	11	11	11
Operating Voltage, 50Hz	400 V	•	•	•	•
Control voltage	24 V	•	•	•	•
C-Pro 2.0 electronic controller		•	•	•	•
Noise Level at 70% load	db(A)	67	67	67	67
After-cooler		•	•	•	•
Weight	kg	234	234	234	234
Dimensions [L x W x H]	mm	667 x 630 x 1050	667 x 630 x 1050	667 x 630 x 1050	667 x 630 x 1050
Outlet connection EN 10266 (DIN 2999)		3/4"	3/4"	3/4"	3/4"
COMPRESSOR MOUNTED ON 270 LT TANK					
Code		**CC1186414**	**CC1186415**	**CC1186416**	**CC1186417**
Weight	kg	329	329	329	329
Dimensions [L x W x H]	mm	1600 x 700 x 1600	1600 x 700 x 1600	1600 x 700 x 1600	1600 x 700 x 1600
COMPRESSOR MOUNTED ON 500 LT TANK					
Code		**CC1186418**	**CC1186419**	**CC1186420**	**CC1186421**
Weight	kg	394	394	394	394
Dimensions [L x W x H]	mm	2000 x 700 x 1700	2000 x 700 x 1700	2000 x 700 x 1700	2000 x 700 x 1700
PACKAGE VERSION, FM / CT / 270 [1]					
Code		**CC1186446**	**CC1186447**	**CC1186448**	**CC1186449**
Weight	kg	369	369	369	369
Dimensions [L x W x H]	mm	1600 x 700 x 1600	1600 x 700 x 1600	1600 x 700 x 1600	1600 x 700 x 1600
PACKAGE VERSION, FM / CT / 500 [1]					
Code		**CC1186450**	**CC1186451**	**CC1186452**	**CC1186453**
Weight	kg	434	434	434	434
Dimensions [L x W x H]	mm	2000 x 700 x 1700	2000 x 700 x 1700	2000 x 700 x 1700	2000 x 700 x 1700

OPTIONAL	
Alternative Voltage, 230V / 50 – 60 Hz [3]	
Alternative Voltage, 380V / 60 Hz [3]	
Filter Kit with bypass for dryer [2] [3]	***installed***
Automatic drain discharge [3]	
Anticorrosion % [3]	
Food grade Oil (19 Litres) [3]	
Internal Vessel acc AD 2000	
Extended 5 year warranty	**CC1180791**
SERVICE & PARTS	
Service Kit for every 4000 h or 12 months	**CC1180672**
Service Kit for every 8000 h or 24 months	**CC1180678**
ChampLube Lubricant 3 x 4 Litres	**CC1180019**

[1] Compressor mounted on tank with refrigeration cycle dryer (CT).
Dew point + 3° C with compressor air inlet temperature + 35° and per ISO 7183

[2] Kit includes PRE FILTER, COALESCENT FILTER and BY-PASS

[3] **Must be clearly mentioned in the order**

FM 15 Series: Screw Compressors

Design: Oil flooded, Single stage rotary screw compressor, belt drive, air cooled
Pressure Range: 7 to 13 bar
Electric motor: 15 kW - IE3

FM SERIES	TYPE	FM15			
CODE		CC1184171	CC1184172	CC1184173	CC1184264
Maximum pressure	bar	7	8	10	13
Capacity at maximum pressure	m^3/min	2.64	2.46	2.20	1.75
Drive motor IP 55 / class F – IE3	kW	15	15	15	15
Operating Voltage, 50Hz	400 V	•	•	•	•
Control voltage	24 V	•	•	•	•
C-Pro 2.0 electronic controller		•	•	•	•
Noise Level	db(A)	73	73	73	73
After-cooler		•	•	•	•
Weight	kg	335	335	335	335
Dimensions [L x W x H]	mm	787 x 698 x 1202	787 x 698 x 1202	787 x 698 x 1202	787 x 698 x 1202
Outlet connection EN 10266 (DIN 2999)		1"	1"	1"	1"

COMPRESSOR MOUNTED ON 500 LT TANK					
Code		**CC1186466**	**CC1186467**	**CC1186468**	**CC1186469**
Weight	kg	495	495	495	495
Dimensions [L x W x H]	mm	2000 x 800 x 1850	2000 x 800 x 1850	2000 x 800 x 1850	2000 x 800 x 1850
PACKAGE VERSION, FM / CT / 500 [1]					
Code		**CC1186497**	**CC1186498**	**CC1186499**	**CC1186500**
Weight	kg	545	545	545	545
Dimensions [L x W x H]	mm	2000 x 850 x 1850	2000 x 850 x 1850	2000 x 850 x 1850	2000 x 850 x 1850

OPTIONAL	
Alternative Voltage, 380V / 60 Hz [3]	
Filter Kit with bypass for dryer [2][3]	***installed***
Automatic drain discharge [3]	
Anticorrosion % [3]	
Food grade Oil (19 Litres) [3]	
Extended 5 year warranty	**CC1180791**
SERVICE & PARTS	
Service Kit for every 4000 h or 12 months	**CC1180685**
Service Kit for every 8000 h or 24 months	**CC1180689**
ChampLube Lubricant 3 x 4 Litres	**CC1180019**

[1] Compressor mounted on tank with refrigeration cycle dryer (CT).
Dew point + 3° C with compressor air inlet temperature + 35° and per ISO 7183

[2] Kit includes PRE FILTER, COALESCENT FILTER and BY-PASS

[3] **Must be clearly mentioned in the order**

FM FIXED SPEED, FM RS VARIABLE SPEED

FM 18 Series: Screw Compressors

Design: Oil flooded, Single stage rotary screw compressor, belt drive, air cooled
Pressure Range: 7 to 13 bar
Electric motor: 18.5 kW - IE3

FM SERIES	TYPE	FM18			
CODE		CC1184265	CC1184266	CC1184267	CC1184268
Maximum pressure	bar	7	8	10	13
Capacity at maximum pressure	m^3/min	3.15	2.96	2.71	2.31
Drive motor IP 55 / class F – IE3	kW	18.5	18.5	18.5	18.5
Operating Voltage, 50Hz	400 V	•	•	•	•
Control voltage	24 V	•	•	•	•
C-Pro 2.0 electronic controller		•	•	•	•
Noise Level	db(A)	73	73	73	73
After-cooler		•	•	•	•
Weight	kg	361	361	361	361
Dimensions [L x W x H]	mm	787 x 698 x 1202	787 x 698 x 1202	787 x 698 x 1202	787 x 698 x 1202
Outlet connection EN 10266 (DIN 2999)		1"	1"	1"	1"
COMPRESSOR MOUNTED ON 500 LT TANK					
Code		**CC1186470**	**CC1186471**	**CC1186472**	**CC1186473**
Weight	kg	521	521	521	521
Dimensions [L x W x H]	mm	2000 x 800 x 1850	2000 x 800 x 1850	2000 x 800 x 1850	2000 x 800 x 1850
PACKAGE VERSION, FM / CT / 500 [1]					
Code		**CC1186501**	**CC1186502**	**CC1186503**	**CC1186504**
Weight	kg	571	571	571	571
Dimensions [L x W x H]	mm	2000 x 850 x 1850	2000 x 850 x 1850	2000 x 850 x 1850	2000 x 850 x 1850

OPTIONAL	
Alternative Voltage, 380V / 60 Hz [3]	
Filter Kit with bypass for dryer [2][3]	***installed***
Automatic drain discharge [3]	
Anticorrosion % [3]	
Food grade Oil (19 Litres) [3]	
Extended 5 year warranty	**CC1180791**
SERVICE & PARTS	
Service Kit for every 4000 h or 12 months	**CC1180685**
Service Kit for every 8000 h or 24 months	**CC1180689**
ChampLube Lubricant 3 x 4 Litres	**CC1180019**

[1] Compressor mounted on tank with refrigeration cycle dryer (CT).
Dew point + 3° C with compressor air inlet temperature + 35° and per ISO 7183

[2] Kit includes PRE FILTER, COALESCENT FILTER and BY-PASS

[3] **Must be clearly mentioned in the order**

FM 22 Series: Screw Compressors

Design: Oil flooded, Single stage rotary screw compressor, belt drive, air cooled
Pressure Range: 7 to 13 bar
Electric motor: 22 kW - IE3

FM SERIES	TYPE	FM22			
CODE		CC1184269	CC1184270	CC1184169	CC1184271
Maximum pressure	bar	7	8	10	13
Capacity at maximum pressure	m^3/min	3.50	3.23	3.06	2.59
Drive motor IP 55 / class F – IE3	kW	22	22	22	22
Operating Voltage, 50Hz	400 V	•	•	•	•
Control voltage	24 V	•	•	•	•
C-Pro 2.0 electronic controller		•	•	•	•
Noise Level	db(A)	74	74	74	74
After-cooler		•	•	•	•
Weight	kg	367	367	367	367
Dimensions [L x W x H]	mm	787 x 698 x 1202	787 x 698 x 1202	787 x 698 x 1202	787 x 698 x 1202
Outlet connection EN 10266 (DIN 2999)		1"	1"	1"	1"
COMPRESSOR MOUNTED ON 500 LT TANK					
Code		**CC1186484**	**CC1186485**	**CC1186486**	**CC1186487**
Weight	kg	527	527	527	527
Dimensions [L x W x H]	mm	2000 x 800 x 1850	2000 x 800 x 1850	2000 x 800 x 1850	2000 x 800 x 1850
PACKAGE VERSION, FM / CT / 500 [1]					
Code		**CC1186505**	**CC1186506**	**CC1186507**	**CC1186508**
Weight	kg	577	577	577	577
Dimensions [L x W x H]	mm	2000 x 850 x 1850	2000 x 850 x 1850	2000 x 850 x 1850	2000 x 850 x 1850

OPTIONAL	
Alternative Voltage, 380V / 60 Hz [3]	
Filter Kit with bypass for dryer [2][3]	***installed***
Automatic drain discharge [3]	
Anticorrosion % [3]	
Food grade Oil (19 Litres) [3]	
Extended 5 year warranty	**CC1180791**
SERVICE & PARTS	
Service Kit for every 4000 h or 12 months	**CC1180685**
Service Kit for every 8000 h or 24 months	**CC1180689**
ChampLube Lubricant 3 x 4 Litres	**CC1180019**

[1] Compressor mounted on tank with refrigeration cycle dryer (CT).
Dew point + 3° C with compressor air inlet temperature + 35° and per ISO 7183

[2] Kit includes PRE FILTER, COALESCENT FILTER and BY-PASS

[3] **Must be clearly mentioned in the order**

FM FIXED SPEED, FM RS VARIABLE SPEED

FM 15 RS Series: Screw Compressors

Design: Oil flooded, Single stage rotary screw compressor, variable speed, air cooled
Pressure Range: 5 to 13 bar
Electric motor: 15 kW - IE3

FM SERIES	TYPE	FM15RS			
CODE		CC1184272	CC1184273	CC1184274	CC1184275
Maximum pressure	bar	7	8	10	13
Capacity at maximum pressure and 100% load	m^3/min	2.64	2.46	2.20	1.73
Drive motor IP 55 / class F – IE3	kW	15	15	15	15
Operating Voltage, 50Hz	400 V	•	•	•	•
Control voltage	24 V	•	•	•	•
C-Pro 2.0 electronic controller		•	•	•	•
Noise Level at 70% load	db(A)	70	70	70	70
After-cooler		•	•	•	•
Weight	kg	360	360	360	360
Dimensions [L x W x H]	mm	787 x 698 x 1202	787 x 698 x 1202	787 x 698 x 1202	787 x 698 x 1202
Outlet connection EN 10266 (DIN 2999)		1"	1"	1"	1"

COMPRESSOR MOUNTED ON 500 LT TANK					
Code		**CC1186475**	**CC1186476**	**CC1186477**	**CC1186478**
Weight	kg	520	520	520	520
Dimensions [L x W x H]	mm	2000 x 800 x 1850	2000 x 800 x 1850	2000 x 800 x 1850	2000 x 800 x 1850
PACKAGE VERSION, FM / CT / 500 [1]					
Code		**CC1186509**	**CC1186510**	**CC1186511**	**CC1186512**
Weight	kg	570	570	570	570
Dimensions [L x W x H]	mm	2000 x 850 x 1850	2000 x 850 x 1850	2000 x 850 x 1850	2000 x 850 x 1850

OPTIONAL	
Alternative Voltage, 380V / 60 Hz [3]	
Filter Kit with bypass for dryer [2][3]	***installed***
Automatic drain discharge [3]	
Anticorrosion % [3]	
Food grade Oil (19 Litres) [3]	
Extended 5 year warranty	**CC1180791**
SERVICE & PARTS	
Service Kit for every 4000 h or 12 months	**CC1180686**
Service Kit for every 8000 h or 24 months	**CC1180690**
ChampLube Lubricant 3 x 4 Litres	**CC1180019**

[1] Compressor mounted on tank with refrigeration cycle dryer (CT).
Dew point + 3° C with compressor air inlet temperature + 35° and per ISO 7183

[2] Kit includes PRE FILTER, COALESCENT FILTER and BY-PASS

[3] **Must be clearly mentioned in the order**

FM 18 RS Series: Screw Compressors

Design: Oil flooded, Single stage rotary screw compressor, variable speed, air cooled
Pressure Range: 5 to 13 bar
Electric motor: 18.5 kW - IE3

FM SERIES	TYPE	FM18RS			
CODE		CC1184277	CC1184278	CC1184279	CC1184280
Maximum pressure	bar	7	8	10	13
Capacity at maximum pressure	m^3/min	3.15	2.96	2.66	2.25
Drive motor IP 55 / class F – IE3	kW	18.5	18.5	18.5	18.5
Operating Voltage, 50Hz	400 V	•	•	•	•
Control voltage	24 V	•	•	•	•
C-Pro 2.0 electronic controller		•	•	•	•
Noise Level	db(A)	71	71	71	71
After-cooler		•	•	•	•
Weight	kg	380	380	380	380
Dimensions [L x W x H]	mm	787 x 698 x 1202	787 x 698 x 1202	787 x 698 x 1202	787 x 698 x 1202
Outlet connection EN 10266 (DIN 2999)		1"	1"	1"	1"
COMPRESSOR MOUNTED ON 500 LT TANK					
Code		**CC1186479**	**CC1186480**	**CC1186481**	**CC1186482**
Weight	kg	540	540	540	540
Dimensions [L x W x H]	mm	2000 x 800 x 1850	2000 x 800 x 1850	2000 x 800 x 1850	2000 x 800 x 1850
PACKAGE VERSION, FM / CT / 500 [1]					
Code		**CC1186513**	**CC1186514**	**CC1186515**	**CC1186516**
Weight	kg	590	590	590	590
Dimensions [L x W x H]	mm	2000 x 850 x 1850	2000 x 850 x 1850	2000 x 850 x 1850	2000 x 850 x 1850

OPTIONAL	
Alternative Voltage, 380V / 60 Hz [3]	
Filter Kit with bypass for dryer [2][3]	***installed***
Automatic drain discharge [3]	
Anticorrosion % [3]	
Food grade Oil (19 Litres) [3]	
Extended 5 year warranty	**CC1180791**
SERVICE & PARTS	
Service Kit for every 4000 h or 12 months	**CC1180686**
Service Kit for every 8000 h or 24 months	**CC1180690**
ChampLube Lubricant 3 x 4 Litres	**CC1180019**

[1] Compressor mounted on tank with refrigeration cycle dryer (CT).
Dew point + 3° C with compressor air inlet temperature + 35° and per ISO 7183

[2] Kit includes PRE FILTER, COALESCENT FILTER and BY-PASS

[3] **Must be clearly mentioned in the order**

FM FIXED SPEED, FM RS VARIABLE SPEED

FM 22 RS Series: Screw Compressors

Design: Oil flooded, Single stage rotary screw compressor, variable speed, air cooled
Pressure Range: 5 to 13 bar
Electric motor: 22 kW - IE3

FM SERIES	TYPE	FM22RS			
CODE		CC1184281	CC1184282	CC1183666	CC1184283
Maximum pressure	bar	7	8	10	13
Capacity at maximum pressure and 100% load	m^3/min	3.50	3.23	3.06	2.59
Drive motor IP 55 / class F – IE3	kW	22	22	22	22
Operating Voltage, 50Hz	400 V	•	•	•	•
Control voltage	24 V	•	•	•	•
C-Pro 2.0 electronic controller		•	•	•	•
Noise Level at 70% load	db(A)	71	71	71	71
After-cooler		•	•	•	•
Weight	kg	395	395	395	395
Dimensions [L x W x H]	mm	787 x 698 x 1202	787 x 698 x 1202	787 x 698 x 1202	787 x 698 x 1202
Outlet connection EN 10266 (DIN 2999)		1"	1"	1"	1"

COMPRESSOR MOUNTED ON 500 LT TANK					
Code		**CC1186483**	**CC1186494**	**CC1186495**	**CC1186496**
Weight	kg	555	555	555	555
Dimensions [L x W x H]	mm	2000 x 800 x 1850	2000 x 800 x 1850	2000 x 800 x 1850	2000 x 800 x 1850
PACKAGE VERSION, FM / CT / 500 [1]					
Code		**CC1186517**	**CC1186518**	**CC1186519**	**CC1186520**
Weight	kg	605	605	605	605
Dimensions [L x W x H]	mm	2000 x 850 x 1850	2000 x 850 x 1850	2000 x 850 x 1850	2000 x 850 x 1850

OPTIONAL	
Alternative Voltage, 380V / 60 Hz [3]	
Filter Kit with bypass for dryer [2][3]	***installed***
Automatic drain discharge [3]	
Anticorrosion % [3]	
Food grade Oil (19 Litres) [3]	
Extended 5 year warranty	**CC1180791**
SERVICE & PARTS	
Service Kit for every 4000 h or 12 months	**CC1180686**
Service Kit for every 8000 h or 24 months	**CC1180690**
ChampLube Lubricant 3 x 4 Litres	**CC1180019**

[1] Compressor mounted on tank with refrigeration cycle dryer (CT).
Dew point + 3° C with compressor air inlet temperature + 35° and per ISO 7183

[2] Kit includes PRE FILTER, COALESCENT FILTER and BY-PASS

[3] **Must be clearly mentioned in the order**