



CHAMPION

BIG ON QUALITY! CHAMPION ON PRICE!

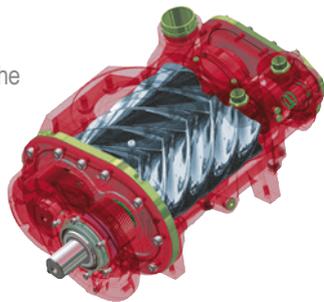
FM Series 90 to 132 kW
Fixed and Regulated Speed



OUTSTANDING EFFICIENCY

Premium efficiency airend

The new highly efficient airend delivers the highest quality compressed air at a low rotational speed, to help minimise the unit's energy consumption and achieve excellent performance.



Eliminating all Risks

Protect your investment and minimise downtimes with the 5-year extended warranty and with the Industry 4.0 Solution iConn.

Compressor Controller Pilot TS Features & functions

- Home Page – instant overview of the compressor status
- Real Time Clock – allows pre-setting of compressor starting/stopping
- Second Pressure Setting
- Integrated Cooling and Dryer Control
- Fault History Log – for in-depth analysis
- Remote Control via Programmable Inputs
- Auto Restart after Power Failure
- Optional Base Load Sequencing
- SD Card – stores several run characteristics



iConn
by Gardner Denver

iConn Industry 4.0 Option

The controller Pilot TS has the possibility to connect with iConn monitoring device.

iConn is the smart, proactive real-time monitoring service that delivers in-depth and real-time knowledge on the system to our compressed air users. It enables accurate production planning and total peace-of-mind protection. iConn keeps users informed on performance, at the same time highlighting potential issues before they become a problem.

- Condition based monitoring
- Predictive maintenance required
- Full Air Manufacturing Control Optimisation
- External data pattern integration

FM RS flexiAIR
Variable Speed Technology

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

**van Elewout
Kompressoren**

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CHAMPION

Technical data

FM 90 – 132 Fixed Speed Screw Compressors

FM SERIES	NOMINAL PRESSURE	DRIVE MOTOR	FAD ¹⁾	NOISE LEVEL ²⁾	WEIGHT	DIMENSIONS L X W X H
	BAR G	KW	M ³ /MIN	DB(A)	KG	MM
FM90	7.5	90	18.16	75	2447	2290 x 1327 x 2039
	10		15.51			
	13		13.52			
FM110	7.5	110	21.60	77	2532	2290 x 1327 x 2039
	10		18.85			
	13		16.47			
FM132	7.5	132	24.79	78	2764	2290 x 1327 x 2039
	10		21.51			
	13		18.70			

FM 90 – 132RS Variable Speed Screw Compressors

FM SERIES	NOMINAL PRESSURE	DRIVE MOTOR	FAD ¹⁾	NOISE LEVEL ²⁾	WEIGHT	DIMENSIONS L X W X H
	BAR G	KW	MIN - MAX M ³ /MIN	AT 70% LOAD DB(A)	KG	MM
FM90RS	5 - 13	90	5.24 - 18.16	74	2579	2290 x 1327 x 2039
FM110RS	5 - 13	110	5.24 - 21.52	75	2604	2290 x 1327 x 2039
FM132RS	5 - 13	132	5.24 - 24.76	76	2655	2290 x 1327 x 2039

For technical specifications please refer to the technical information sheets.

¹⁾ Data measured and stated in accordance with ISO 1217, Edition 4, Annex C and Annex E and the following conditions:
Air Intake Pressure 1 bar a, Air Intake Temperature 20°C, Humidity 0 % (Dry).

²⁾ Measured in free field conditions in accordance with ISO 2151, tolerance ± 3dB (A).

Compressed Air Treatment

Champion offer a full range of compressed air treatment including:

- Air Filters
- Cyclone Separators
- Membrane Dryers
- Refrigeration Dryers
- Adsorption Dryers
- Air Receiver Tanks
- Condensate Drains
- Oil / Water Separators
- Nitrogen Generators



www.championairtech.com

For additional information please contact
your local representative.

Specifications subject to change without notice.



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