



Balma



Rotary screw compressors
from 5,5 to 30 kW

MODULO
Series

A Star in Air Compressors 

MODULO SERIES PREMIUM MODULARITY

The MODULO Series lives up to its name. To serve basic or very demanding needs, multiple choices of configurations are available for you.

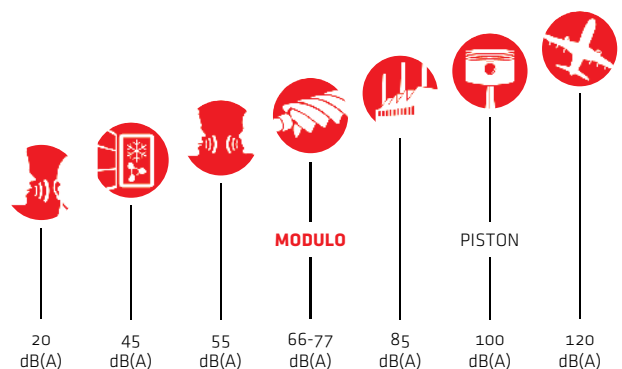


For whatever your **business needs** are

BALMA has developed more than 45 different MODULO to fit your business needs. Many different versions, power sizes, voltages, pressure variants, efficiencies and market approvals are available for service, assembly or any other industrial application.

Silent workspace

The MODULO Series was conceived with one thing in mind: respect to your working environment. All models are equipped with a generous insulation that allows you to place this equipment close to your work place without disturbing your environment.



Join the BALMA advantage

Since 1950, BALMA offers the right mix of flexibility and experience for the industrial, professional and DIY compressed air markets. From state-of-the-art production facilities straight to your business via more than 300 distributors in more than 100 countries worldwide, BALMA provides you with plug & play air solutions with a quality label.

BALMA delivers trouble free workmates, both piston as well as screw compressors, that are always available and ready to use.



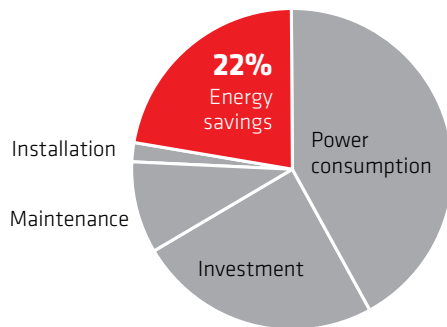
Our famous user-friendliness

Thanks to an intuitive control panel, you have a clear overview of all key parameters and system menus – so in a few touches you can easily drive your compressor. Besides, all the maintenance components like air, oil filters and belts are ideally positioned to enable an ultimately fast and secure maintenance.

Dedicated service kits support reliable and efficient operation and include all original parts in one single package. BALMA provides you with a simple solution based on the running hours of your compressor. All parts easy at hand while providing highest protection of your investment!



YOUR **ADDITIONAL BENEFITS** FROM USING VARIABLE SPEED COMPRESSORS

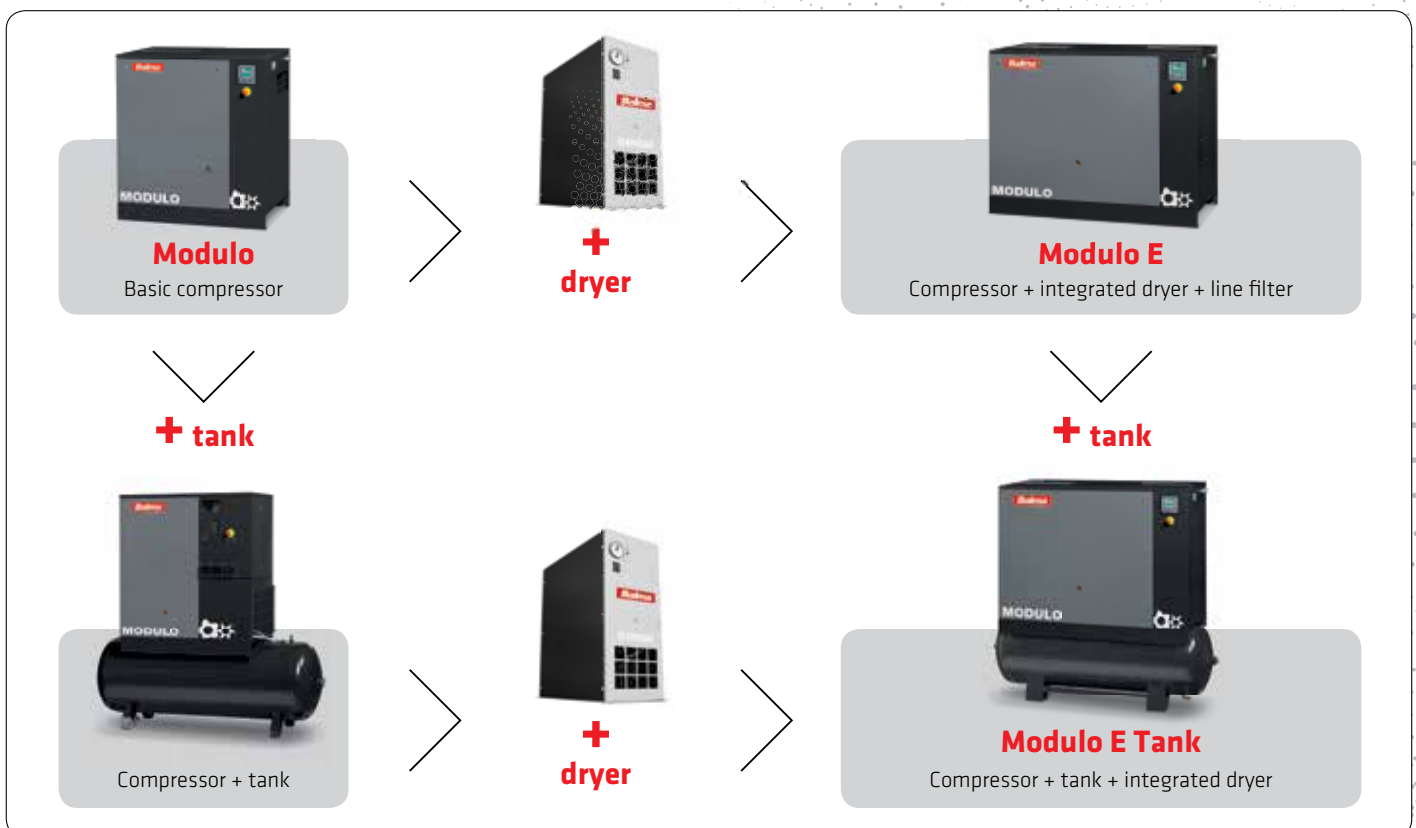


During most of the time, the air consumption in your network is not constant. A variable speed compressor reduces the speed of the main motor to follow precisely the profile of compressed air consumption. This results in considerable saving on your energy bill.

Full variable speed efficiency benefits

- **Soft start:** reduces the current on start, protecting the motor and reducing power consumption.
- **EMC Compliant:** no electromagnetic interference to or from your power network.
- **Constant air pressure to any value between 6-13 bar:** no pressure fluctuation between load and unload grants you no waste of energy.

How to choose your MODULO



MODULO & MODULO E SERIES

FIXED SPEED COMPRESSORS

The MODULO Series compresses and processes high quality air on a minimal space.



1

Silent & ecological dryer

The MODULO.E is built with a energy efficient refrigerant dryers. The used ecological gases are R134A or R404A. Also every units features a noise free automatic condensate drain that discharges only water, no air. A silent, efficient & ecological process that respects the environment.



2

Ultimate clean air

Ensuring a very clean air suitable for the most demanding pneumatic applications, every MODULO.E is equipped with efficient filtration for liquid and solid particles up to 0,1 micron.



3

Easy handling

Simple to transport, easy to carry and fast to install. The MODULO Series have 3 points of accessibility: at the front, the left and the right.



DRY AND CLEAN AIR, READY TO USE

Untreated compressed air contains a lot of moisture, solid and liquid particles that can compromise or even damage your pneumatic equipment.

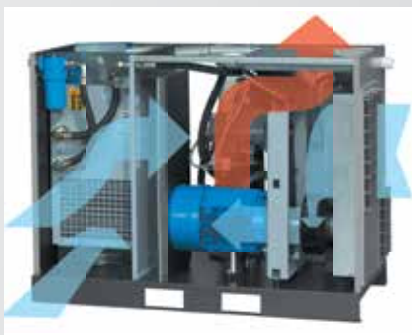
The MODULO.E Series spares you from this trouble by providing you with dry and clean air, suitable for most applications.



4

Powerful cooling

A turbine instead of a normal fan is fitted on the motor shaft for an improved cooling efficiency of oil and air. On top of this an independent motor cooling ensures ideal temperatures for your motor even in the most demanding conditions.



5

Plug & play maintenance

Good positioning of all service items such as belts, oil and air filters plus an external oil level indicator enable you to have an ultimately easy and fast maintenance. Long service intervals and smart maintenance kits make the user friendly experience more complete.



6

Full control in a few clicks

The ES 3000 controller gives you easy access to menus and all key performance indicators necessary to drive your operation. It also features programmed routine maintenance, fault log and several other functions.





POWER SIZES

5,5 to 15 kW



Fixed speed

				8 Bar	10 Bar	13 Bar					
Type	Litres	HP	Kw	m ³ /min	m ³ /min	m ³ /min	dB(A)	(mm)	Kg		
MODULO	Base Mounted	7.5	5.5	0,82	0,67	0,52	66	1095	642	1070	241
		10	7,5	1,15	1,00	0,81	66	1095	642	1070	246
		15	11	1,67	1,44	1,21	69	1095	642	1070	266
		20	15	1,99	1,77	1,48	69	1095	642	1070	291
MODULO E	Base Mounted + Dryer	7.5	5.5	0,82	0,67	0,52	66	1095	642	1070	271
		10	7,5	1,15	1,00	0,81	66	1095	642	1070	276
		15	11	1,67	1,44	1,21	69	1095	642	1070	296
		20	15	1,99	1,77	1,48	69	1095	642	1070	321
MODULO	270	7.5	5.5	0,82	0,67	0,52	66	1150	642	1687	311
		10	7,5	1,15	1,00	0,81	66	1150	642	1687	316
		15	11	1,67	1,44	1,21	69	1150	642	1687	334
		20	15	1,99	1,77	1,48	69	1150	642	1687	359
	500	7.5	5.5	0,82	0,67	0,52	66	1935	642	1689	396
		10	7,5	1,15	1,00	0,81	66	1935	642	1689	401
		15	11	1,67	1,44	1,21	69	1935	642	1689	419
		20	15	1,99	1,77	1,48	69	1935	642	1689	444
MODULO E	270	7.5	5.5	0,82	0,67	0,52	66	1150	642	1687	341
		10	7,5	1,15	1,00	0,81	66	1150	642	1687	346
		15	11	1,67	1,44	1,21	69	1150	642	1687	364
		20	15	1,99	1,77	1,48	69	1150	642	1687	389
	500	7.5	5.5	0,82	0,67	0,52	66	1935	642	1689	426
		10	7,5	1,15	1,00	0,81	66	1935	642	1689	431
		15	11	1,67	1,44	1,21	69	1935	642	1689	449
		20	15	1,99	1,77	1,48	69	1935	642	1689	474

Variable speed

				Min		Max					
Type	Litres	HP	Kw	bar	m ³ /min	m ³ /min	dB(A)	(mm)	Kg		
MODULO I	Base Mounted	10	7,5	6-13	0,43	1,59	73	1095	642	1070	266
		15	11	6-13	0,25	1,08	73	1095	642	1070	286
MODULO I E	Base Mounted + Dryer	10	7,5	6-13	0,43	1,62	73	1095	642	1070	296
		15	11	6-13			73	1095	642	1070	316
MODULO ES I	270	10	7,5	6-13	0,43	1,62	73	1150	642	1687	356
		15	11	6-13			73	1150	642	1687	446
	500	10	7,5	6-13	0,43	1,62	73	1935	642	1689	381
		15	11	6-13			73	1935	642	1689	466

* Unit performance measured according to ISO 1217. Noise level measured according to ISO 2151.
Reference conditions: instake air pressure 1bar, 20 °C and 70% UR.

POWER SIZES
**11 to
30 kW**



Fixed speed

				8 Bar	10 Bar	13 Bar					
Type	Litres	HP	Kw	m ³ /min	m ³ /min	m ³ /min	dB(A)	(mm)	Kg		
MODULO	Base Mounted	15	11	1,73	1,49	1,12	69	1095	642	1070	296
		20	15	2,21	2,02	1,53	69	1095	642	1070	321
		25	18,5	2,77	2,50	1,96	72	1204	805	1220	375
		30	22	3,51	3,01	2,61	72	1204	805	1220	391
		40	30	3,89	3,50	2,94	77	1204	805	1220	419
MODULO E	Base Mounted + Dryer	15	11	1,73	1,49	1,12	69	1095	642	1070	326
		20	15	2,21	2,02	1,53	69	1095	642	1070	351
		25	18,5	2,77	2,50	1,96	72	1659	805	1220	448
		30	22	3,51	3,01	2,61	72	1659	805	1220	464
		40	30	3,89	3,50	2,94	77	1659	805	1220	556
MODULO ES	500	15	11	1,73	1,49	1,12	69	1935	805	1689	476
		20	15	2,21	2,02	1,53	69	1935	805	1689	501
		25	18,5	2,77	2,50	1,96	72	1939	805	1841	638
		30	22	3,51	3,01	2,61	72	1939	805	1841	654

Variable speed

				Min	Max						
Type	Litres	HP	Kw	bar	m ³ /min	m ³ /min	dB(A)	(mm)	Kg		
MODULO I	Base Mounted	20	15	5,5-9,5	0,66	2,25	69	1095	642	1220	394
		20	15	7,5-12,5	0,47	2,21	69	1095	642	1220	394
		25	18,5	5,5-9,5	0,88	3,17	72	1204	805	1220	403
		25	18,5	7,5-12,5	0,67	2,73	72	1204	805	1220	403
		30	22	5,5-9,5	1,02	3,62	74	1204	805	1220	419
		30	22	7,5-12,5	0,85	3,24	74	1204	805	1220	419
		40	30	5,5-9,5	1,24	4,17	77	1204	805	1220	447
		40	30	7,5-12,5	0,98	3,64	77	1204	805	1220	447
MODULO EI	Base Mounted + Dryer	20	15	5,5-9,5	0,66	2,25	69	1095	665	1095	467
		20	15	7,5-12,5	0,47	2,21	69	1095	665	1095	467
		25	18,5	5,5-9,5	0,88	3,17	72	1659	805	1220	476
		25	18,5	7,5-12,5	0,67	2,73	72	1659	805	1220	476
		30	22	5,5-9,5	1,02	3,62	74	1659	805	1220	492
		30	22	7,5-12,5	0,85	3,24	74	1659	805	1220	492
		40	30	5,5-9,5	1,24	4,17	77	1659	805	1220	520
		40	30	7,5-12,5	0,98	3,64	77	1659	805	1220	520
MODULO ESI	500L	20	15	5,5-9,5	0,66	2,25	69	1935	665	1714	657
		20	15	7,5-12,5	0,47	2,21	69	1935	665	1714	657
		25	18,5	5,5-9,5	0,88	3,17	72	1939	805	1841	666
		25	18,5	7,5-12,5	0,67	2,73	72	1939	805	1841	666
		30	22	5,5-9,5	1,02	3,62	74	1939	805	1841	682
		30	22	7,5-12,5	0,85	3,24	74	1939	805	1841	682

* Unit performance measured according to ISO 1217. Noise level measured according to ISO 2151. Reference conditions: instake air pressure 1bar, 20 °C and 70% UR.

ORIGINAL PARTS YOUR QUALITY ASSURANCE.

The 'original part' identification confirms that these components passed our strict test criteria. All parts are designed to match the compressor and are approved for use on the specified compressor. They have been thoroughly tested to obtain the highest level of protection, extending the compressors' lifetime and keeping the cost of ownership to an absolute minimum. No compromises are made on reliability. The use of 'original part' certified quality components helps ensure reliable operation and will not impact the validity of your warranty, unlike other parts. Look for your quality assurance.



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