

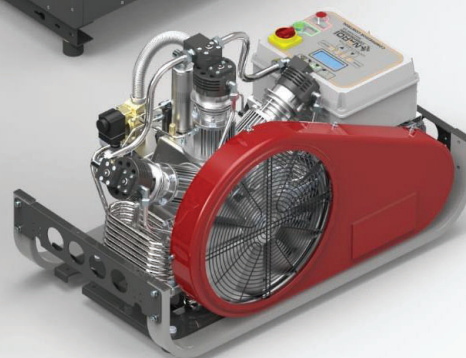
## BOOSTER BM

BM 10 - 40 BAR

Delivery  
l/min 220 - 5200 / m<sup>3</sup>h 13 - 309

Pressure  
BAR 10 - 40 / PSI 145 - 580

SUCTION  
BAR 4 - 12 / PSI 58 - 217



Quality system certified  
to iso 9001

All technical data may be changed

MADE IN ITALY BY NARDI COMPRESSORI

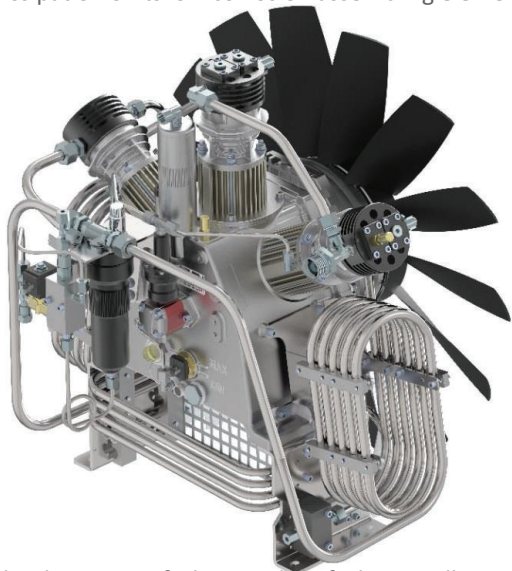
[www.nardicompressori.com](http://www.nardicompressori.com)

## BOOSTER BM

INDUSTRY is a product line that includes several products made by NARDI COMPRESSORI which are designed to operate at very high efficiency and at the same time are made with strong materials that ensure many hours of operation. BOOSTER BM is a compressor that draws from a pressurized line, at a minimum pressure of 4 bar.

## QUALITY OF COMPRESSOR BLOCK

The compressor block or pump unit is the heart of the machine, it is a critical component in which NARDI has put particular attention. It has features that make it unique in the world. Among these, the use of light alloys with high thermal efficiency, such as aluminum alloys that are also used for the construction of the cylinders. The pump unit does not undergo any paint coating to enhance the heat dissipation of its low corrosion assembling elements.



The bearings of the crankshaft have rollers, extremely robust and made in Europe which guarantee a long life of the compressor. An oil pump provides a constant lubrication of the inner workings of the block with oil cleaned of impurities by a filter and by a magnet which catches any metals present in the lubricating oil. The compressed air cooling is obtained by inter-stage stainless steel cooling coils.

## EFFICIENCY OF THE FRAME

The sound insulated frame or cabinet is constructed with panels that are designed to work in harsh conditions and to withstand harsh environments. In fact if water were to enter from the top ventilation grill it would be conveyed and ejected by a canal and two side holes preventing the pumping unit from getting wet. In addition to this the sound absorbing internal lining of the panels make the cabinet very quiet. The large wing-shaped fan blades guarantee not only a very low sound pressure but also a highly efficient ventilation.

## CONTROL AND ELECTRONICS

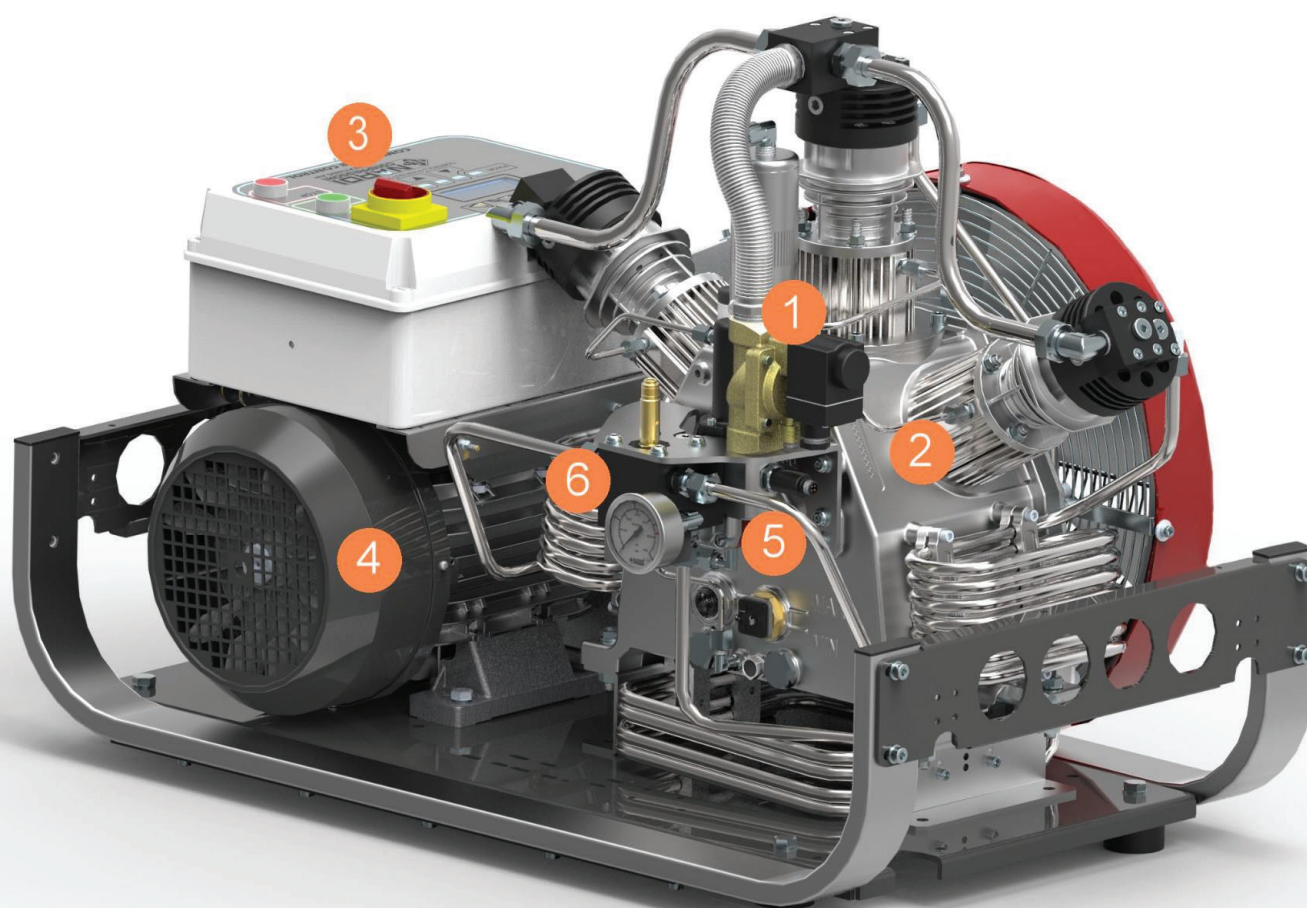
For proper operation of the compressor, NARDI has designed a new electronic control panel. This new system, controls all the key points as temperature, oil level, current consumption, inlet pressure, outlet pressure and manages all the valves and solenoid valves. In addition to this, the electronic control panel handles the service schedule and monitors the status of the filtering system.

All technical data may be changed

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- 1 Intake Valve
- 2 Compressor Block
- 3 Electronic Control
- 4 Electric motor

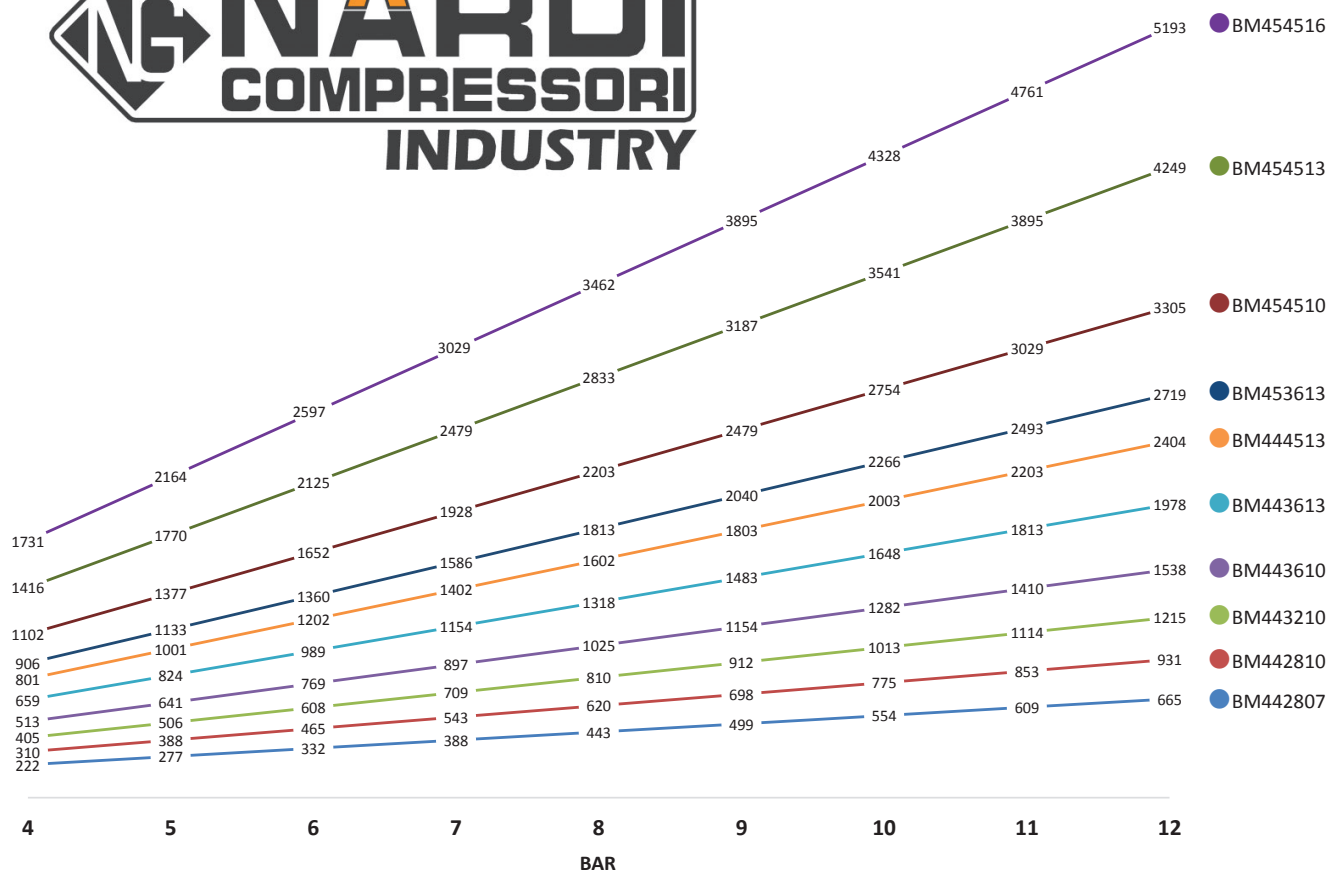


- 5 Oil pump lubrication
- 6 Compressed gas Outlet

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| Model Booster   | F.A.D. / 4 BAR – 58 PSI SUCTION      |                   |      | F.A.D. / 12 BAR – 58 PSI SUCTION      |                   |     | Power     |
|-----------------|--------------------------------------|-------------------|------|---------------------------------------|-------------------|-----|-----------|
| Modello Booster | Aria resa aspirazione 4 BAR – 58 PSI |                   |      | Aria resa aspirazione 12 BAR – 58 PSI |                   |     | Motore    |
| Type            | l/min.                               | m <sup>3</sup> /h | cfm  | l/min.                                | m <sup>3</sup> /h | cfm | HP - kW   |
| BM442807        | 220                                  | 13,2              | 7,7  | 665                                   | 40                | 23  | 3,4 – 2,5 |
| BM442810        | 310                                  | 18,6              | 10,9 | 930                                   | 56                | 32  | 5 – 3,5   |
| BM443210        | 400                                  | 24                | 14   | 1200                                  | 72                | 42  | 6 – 4,5   |
| BM443610        | 510                                  | 25                | 18   | 1500                                  | 90                | 52  | 7,5 – 5,5 |
| BM443613        | 660                                  | 40                | 23   | 1950                                  | 117               | 68  | 9 – 6,5   |
| BM444513        | 800                                  | 48                | 28   | 2400                                  | 144               | 84  | 10 – 7,5  |
| BM453613        | 900                                  | 54                | 31   | 2700                                  | 162               | 95  | 15 – 11   |
| BM454510        | 1100                                 | 66                | 38   | 3300                                  | 198               | 116 | 16 – 12   |
| BM454513        | 1400                                 | 84                | 49   | 4200                                  | 252               | 148 | 17,5 – 13 |
| BM454516        | 1700                                 | 102               | 60   | 5150                                  | 309               | 203 | 20 – 15   |

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SUBJECT TO TECHNICAL MODIFICATIONS

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