

COMPRESSOR CM

CM 60 - 80 BAR

Delivery 80 BAR - 1160 PSI
l/min 95 - 612 / m³h 5,7 - 36,7

Pressure
BAR 60 - 80 / PSI 870 - 1160



Quality system certified
to iso 9001

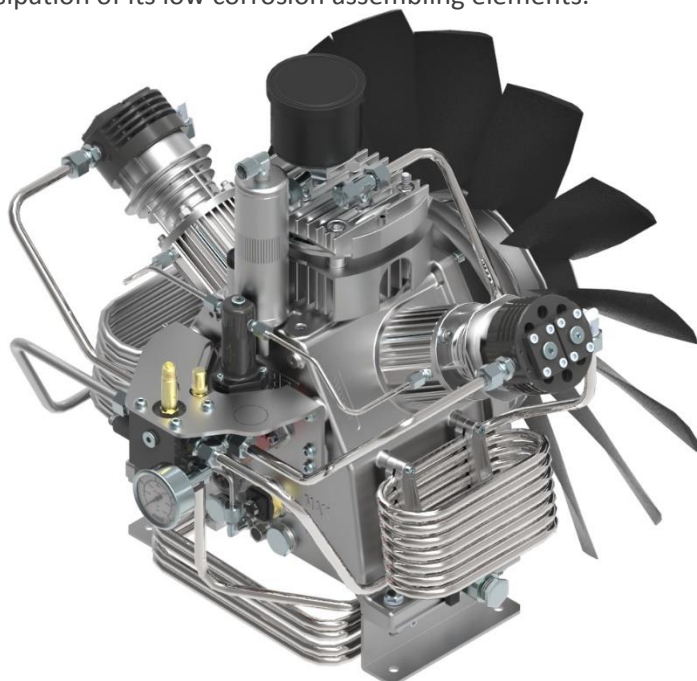
All technical data may be changed
MADE IN ITALY BY NARDI COMPRESSORI
www.nardicompressori.com

COMPRESSOR CM

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,

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.

ECONOMY

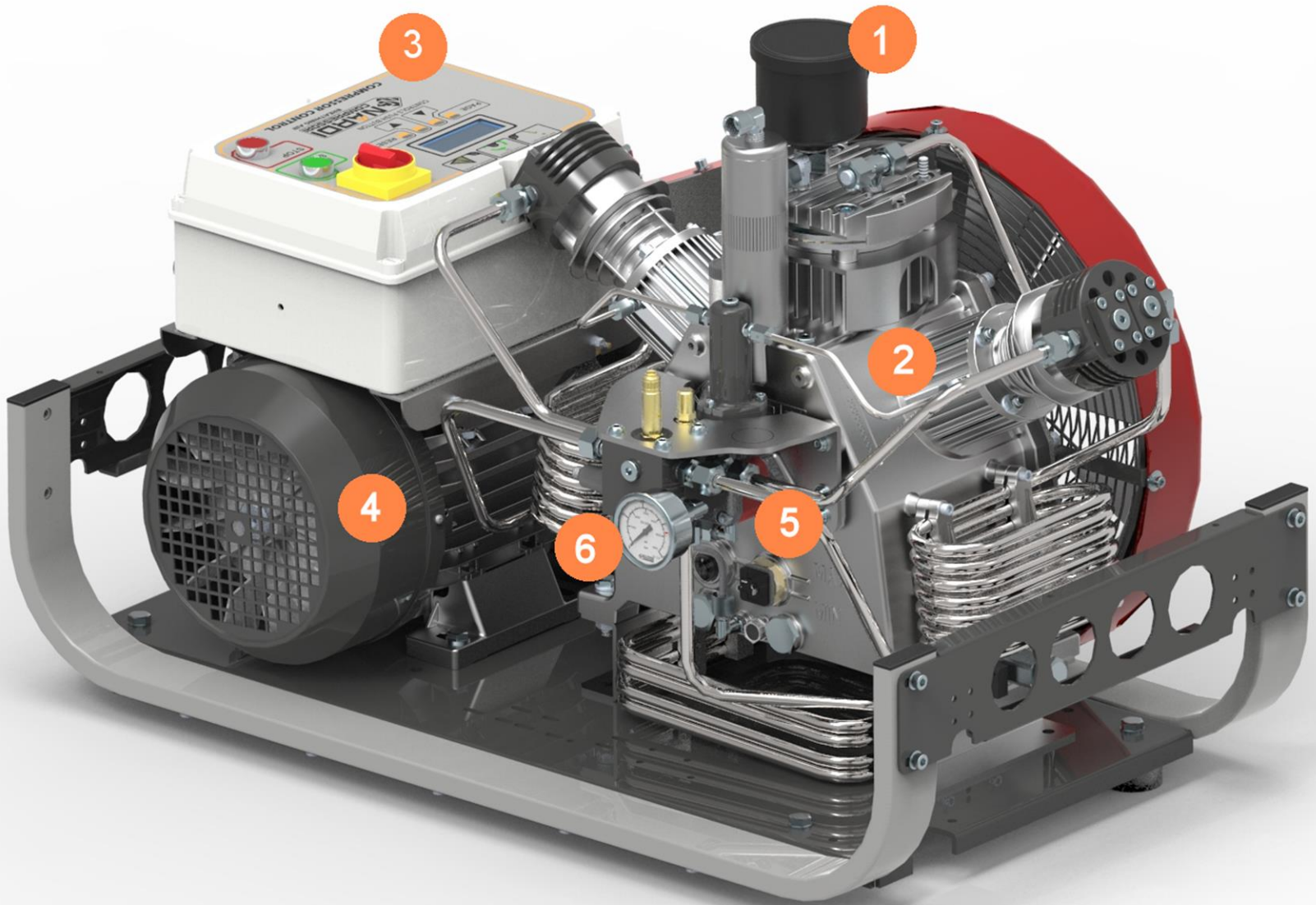
Everything in the compressor is designed to optimize both the operating costs as well labor costs. Service of the compressor in addition of being rather inexpensive is scheduled at long time intervals.

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

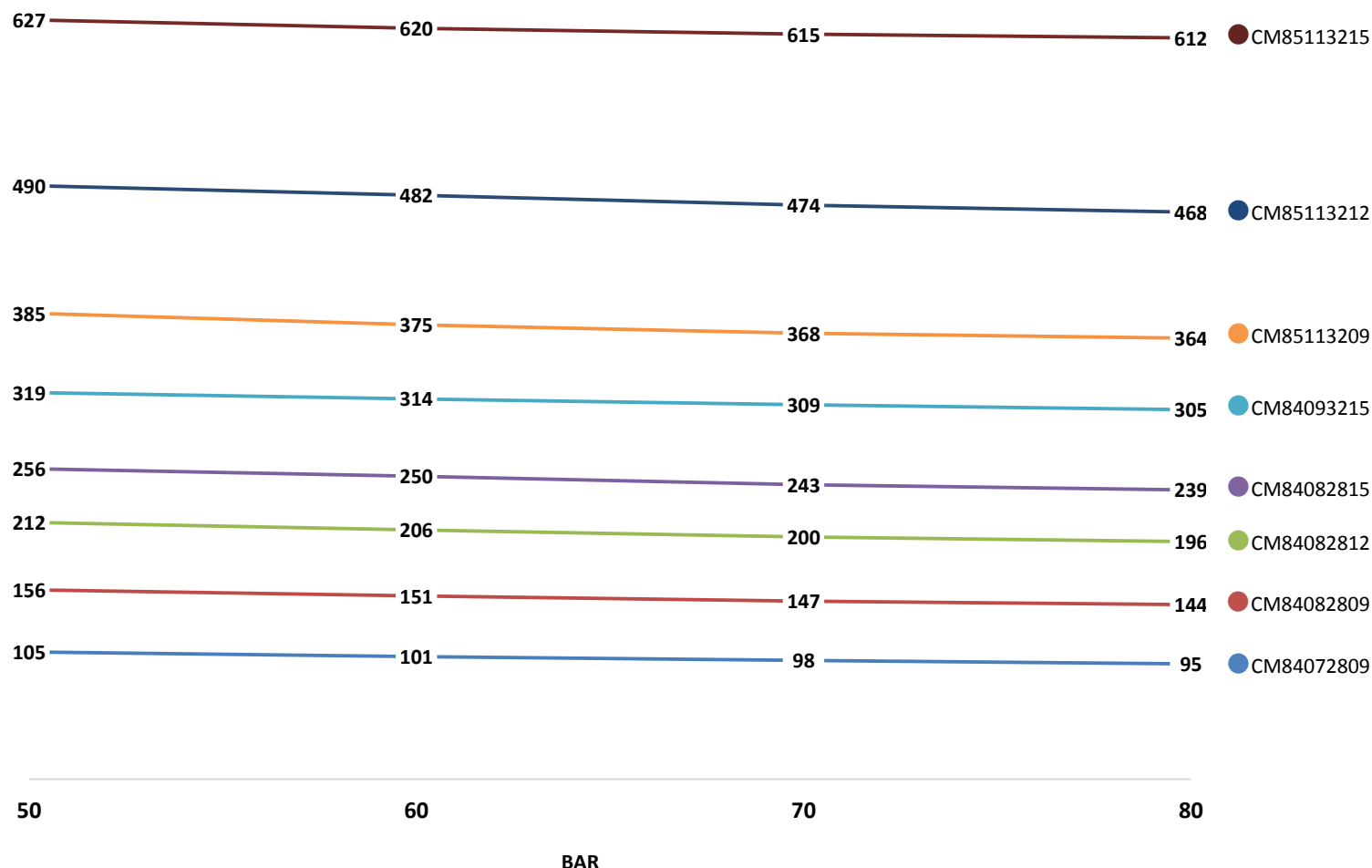


- 5 Oil pump lubrication
- 6 Compressed gas Outlet

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Model Booster	DISPLACEMENT			F.A.D. 60 BAR - 870 PSI			F.A.D. 80 BAR - 1160 PSI			Power
Modello Booster	Volume di aspirazione			Aria resa 60 BAR - 870 PSI			Aria resa 80 BAR - 1160 PSI			Motore
Type	l/min.	m ³ /h	cfm	l/min.	m ³ /h	cfm	l/min.	m ³ /h	cfm	kW
CM84072809	150	9	5,3	101	6,1	3,6	95	5,7	3,4	2,7
CM84082809	240	14,4	8,5	151	9,1	5,3	144	8,6	5,1	3
CM84082812	310	18,6	10,9	206	12,4	7,3	196	11,8	6,9	3,2
CM84082815	385	23,1	13,6	250	15	8,8	239	14,3	8,4	3,5
CM84093215	450	27	15,9	314	18,8	11,1	305	18,3	10,8	5,5
CM85113209	520	31,2	18,4	375	22,5	13,2	364	21,8	12,9	9
CM85113212	665	39,9	23,5	482	28,9	17	468	28,1	16,5	10
CM85113215	830	49,8	29,3	620	37,2	21,9	612	36,7	21,6	11

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SUBJECT TO TECHNICAL MODIFICATIONS

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