



motive

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New cast-iron motors size 180-280

Another surprising Italian Job by Motive...

At Motive we keep on improving our products; the latest were the motors size IEC 180-200-225-250 and 280. May be that you



had already seen the revamped size 160 re-design up to size 280.

The new motors 180-280 will all be MAINTENANCE FREE, just to start. In fact, they adopt ZZ auto-lubricated bearings like size 160, thus avoiding the need of a periodical re-greasing maintenance. Even without re-greasing, these bearings, at the max axial and radial load, and under the rated power, permit a bearings lifetime that goes beyond the 60.000 hours. We consider it more reliable than the open bearings subject to re-greasing, particularly when considering that the maintenance is frequently badly made by the final user.

The new curved cooling fins of the frame permit to better collect the air from the fan, decrease the internal resistance of the winding and increase consequently the efficiency.

They also maintain all those main features of the smaller sizes in aluminum, among which:

- multiple voltage and multi-frequency 50/60Hz,
- F class insulation, [upon request also H+ (delfire) up to size 200]
- S1 continuous duty service,
- IP55 protection (IP56, 66 and "encapsulated" 67 on request)
- tropicalized winding and reinforced insulation
- suitable for inverter power supply
- IE2 high efficiency or IE3 premium efficiency
- made in Italy, of course

The parts will remain mechanically interchangeable with the previous version.

The terminal box up to size 280 remain the same, in aluminum, thus guaranteeing its IP65 protection index without being affected by the potential finishing imperfections of the cast iron

As before, always provided with 3 PTC thermistors that protect the motor and the system by operation anomalies

As we say: LOOKS GOOD, PERFORMS BETTER!

. We've just extended such





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MOTIVE SRL © 2014 | CASTENEDOLO (BS) ITALY | T.+39 030 2677087
P.IVA: 03580280174 | MOTIVE@E-MOTIVE.IT | WWW.MOTIVE.IT