

Data Sheet

| Electramo NV | | YE3-180M-2 - 22kW - 2955 rpm - 400V/690V | | | | |
|---|-------------------------|---|------------------------|------------------|--------------------------|-------|
| Industrieweg 14 B-2390 Malle Belgium +32 3 311 65 40 info@electramo.com www.electramo.com BE 0414.941.452 | | Electric motor Type | | IEC60034-30 | | |
| Efficiencies | | F / B | | | IE3 (Premium Efficiency) | |
| Insulation class | | -20°C / +40°C | | | | |
| Temperatures | | | | | | |
| Connection - Phases | | Δ Y Δ Δ Δ | | | | |
| Tension | V | 400 | 690 | 440 | 460 | 480 |
| Frequency | Hz | 50 | 50 | 60 | 60 | 60 |
| Output | kW | 22,00 | 22,00 | 26,40 | 26,40 | 26,40 |
| Speed | min⁻¹ | 2.955 | 2955 | 3546 | 3546 | 3546 |
| Current | A | 38,48 | 22,31 | 41,98 | 40,16 | 38,48 |
| Efficiency | % | 100% | 75% | 50% | | |
| | | 92,70 | 92,60 | 91,60 | | |
| Cos φ | | 100% | 75% | 50% | | |
| | | 0,89 | 0,86 | 0,80 | | |
| Starting Current | A | 8,20 | Ia/In | | | |
| No Load Current | A | 11,24 | 400V 50Hz | | | |
| Nominal Torque | Nm | 71,09 | Nm | | | |
| Starting Torque | Nm | 2,00 | Ms/Mn | | | |
| Maximum torque | Nm | 2,30 | Mmax/Mn | | | |
| Construction | | Cast Iron | | | | |
| Mounting position | | B3 - IM1001 - feet - horizontal | | | | |
| Protection | | IP 55 | | | | |
| Cooling method | | IC 411 | | | | |
| Duty type | | S1 | | | | |
| Tropical treatment | | 95% | | | | |
| Max. altitude A.S.L. | | 1000 m | | | | |
| Paint (body / fan cover) | | RAL 7030 | | | | |
| Terminal Box Position | | Top - A1 | | | | |
| Cable entries | | 2 x M40x1,5 + 1 x M16x1,5 | | | | |
| Direction of rotation | | ← / → | | | | |
| Drain hole(s) | | Lowest point - with plug | | | | |
| Bearing DE | | 6311 ZZ C3 | | | | |
| Bearing NDE | | 6311 ZZ C3 | | | | |
| Shaft dimensions | mm | 48 x 110 | | | | |
| Oilseals DE / NDE | mm | 55 x 75 x 5,5 | | 55 x 75 x 5,5 | | |
| Balancing (Class) | | Half Key | | A (IEC 60034-14) | | |
| Sound level - L(p)A | dB(A) | 75,0 | 50Hz - at 1m - no load | | | |
| Weight | Kg | 234,7 | | | | |
| Options & Extras | | PTC | | | | |

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