

Data Sheet

Electramo NV Industrieweg 14 B-2390 Malle Belgium +32 3 311 65 40 info@electramo.com www.electramo.com BE 0414.941.452	Electric motor Type Efficiencies Insulation class Temperatures Connection - Phases Tension V Frequency Hz Output kW Speed min⁻¹ Current A Efficiency % Cos φ Starting Current A No Load Current A Nominal Torque Nm Starting Torque Nm Maximum Torque Nm Construction Mounting position Protection Cooling method Duty type Tropical treatment Max. altitude A.S.L. Paint (body / fan cover) Terminal Box Position Cable entries Direction of rotation Drain hole(s) Bearing DE Bearing NDE Shaft dimensions mm Oilseals DE / NDE mm Balancing (Class) Sound level - L(p)A dB(A) Weight Kg Options & Extras	YE3-280M-6 - 55kW - 985 rpm - 400V/690V IEC60034-30 IE3 (Premium Efficiency) F / B -20°C / +40°C <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 15%; text-align: center;">Δ</th> <th style="width: 15%; text-align: center;">Y</th> <th style="width: 15%; text-align: center;">Δ</th> <th style="width: 15%; text-align: center;">Δ</th> <th style="width: 15%; text-align: center;">Δ</th> </tr> </thead> <tbody> <tr> <td></td> <td style="text-align: center;">400</td> <td style="text-align: center;">690</td> <td style="text-align: center;">440</td> <td style="text-align: center;">460</td> <td style="text-align: center;">480</td> </tr> <tr> <td></td> <td style="text-align: center;">50</td> <td style="text-align: center;">50</td> <td style="text-align: center;">60</td> <td style="text-align: center;">60</td> <td style="text-align: center;">60</td> </tr> <tr> <td></td> <td style="text-align: center;">55,00</td> <td style="text-align: center;">55,00</td> <td style="text-align: center;">66,00</td> <td style="text-align: center;">66,00</td> <td style="text-align: center;">66,00</td> </tr> <tr> <td></td> <td style="text-align: center;">985</td> <td style="text-align: center;">985</td> <td style="text-align: center;">1182</td> <td style="text-align: center;">1182</td> <td style="text-align: center;">1182</td> </tr> <tr> <td></td> <td style="text-align: center;">98,09</td> <td style="text-align: center;">56,86</td> <td style="text-align: center;">107,01</td> <td style="text-align: center;">102,36</td> <td style="text-align: center;">98,09</td> </tr> <tr> <td></td> <td style="text-align: center;">100%</td> <td style="text-align: center;">75%</td> <td style="text-align: center;">50%</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">94,10</td> <td style="text-align: center;">93,90</td> <td style="text-align: center;">93,00</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">100%</td> <td style="text-align: center;">75%</td> <td style="text-align: center;">50%</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">0,86</td> <td style="text-align: center;">0,80</td> <td style="text-align: center;">0,70</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">7,30</td> <td style="text-align: center;">Ia/In</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">40,00</td> <td style="text-align: center;">400V 50Hz</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">533,24</td> <td style="text-align: center;">Nm</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">2,00</td> <td style="text-align: center;">Ms/Mn</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">2,00</td> <td style="text-align: center;">Mmax/Mn</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td colspan="5">Cast Iron</td> </tr> <tr> <td></td> <td colspan="5">B3 - 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