

05/02/2025

**Technical data sheet for ELECTRO ADDA motors**

<b>CUSTOMER</b>		<b>CUSTOMER Reference</b>	
<b>SIZE and TYPE</b>	<b>T3A 100</b>	<b>POLES</b>	<b>2</b>
<b>RATED OUTPUT</b>	<b>4</b> kW	<b>SPEED</b>	<b>2910</b> rpm
<b>RATED VOLTAGE</b>	<b>3~ 230 / 400</b> Vac	<b>FREQUENCY</b>	<b>50</b> Hz
<b>RATED CURRENT</b>	<b>12.33 / 7.12</b> A	<b>DUTY</b>	<b>S1</b>
<b>RATED TORQUE</b>	<b>13,1</b> Nm	<b>INSULATION CLASS</b>	<b>F</b>
<b>POWER FACTOR</b>	<b>0.92</b>	<b>TEMPERATURE RISE</b>	<b>&lt; 105</b> °C
<b>EFFICIENCY</b>	<b>88.1</b> %	<b>ENCLOSURE IP</b>	<b>55</b>
<b>Method of cooling</b>	<b>IC 411</b>	<b>MOUNTING</b>	<b>B3 ( IM1001 )</b>
<b>STARTING TORQUE / RATED TORQUE</b>	<b>2.8</b> p.u.	<b>AMBIENT TEMPERAT.</b>	<b>- 15 / + 40</b> °C
<b>BREAKDOWN TORQUE / RATED TORQUE</b>	<b>3.3</b> p.u.	<b>WEIGHT</b>	<b>~27.6</b> kg
<b>STARTING CURRENT / RATED CURRENT</b>	<b>9.1</b> p.u.	<b>NOISE LEVEL (Lpa) @ no load grid supply</b>	<b>65</b> dB (A)
<b>ROTOR INERTIA</b>	<b>0.00591</b> kgm <sup>2</sup>	<b>Supply</b>	<b>NETWORK</b>
<b>BEARING TYPE:</b>			
<b>driving end</b>	<b>6206 2RS C.3</b>	<b>non driving end</b>	<b>6206 2RS C.3</b>
<b>THERMAL PROTECTION</b>		<b>STANDARD</b>	<b>IEC 60034-1</b>
<b>SPACE HEATER</b>		<b>IE CODE</b>	<b>IE3</b>
		<b>Electro Adda reference</b>	
<b>Color</b>	<b>RAL 7030</b>		