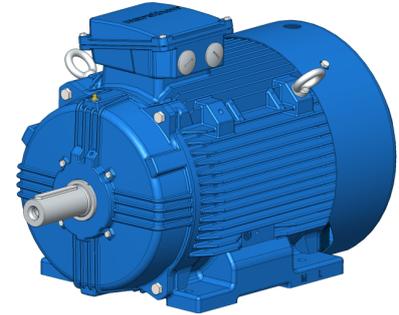


<b>Standard</b>	IEC 60034
<b>Area</b>	Safe Area
<b>Type</b>	TCA 160M06
<b>Poles</b>	6 pole
<b>Frame size</b>	160M
<b>Material</b>	Cast iron frame
<b>Environment conditions</b>	-20°C to +40°C, up to 1000 m above sea level
<b>Voltage</b>	400/690V 50Hz, 460VY 60Hz



	at 50Hz	at 60Hz*	at 60Hz**	
<b>Output</b>	<b>7.5 kW</b>	7.5 kW	8.6 kW	*Nominal (50Hz) Output **Increased (60Hz) Output
<b>Speed</b>	<b>978 rpm</b>	1181 rpm	1177 rpm	
<b>Current at 380V 50Hz</b>	<b>15.7 A</b>	n/a	n/a	
<b>Current at 400V 50Hz</b>	<b>14.9 A</b>	n/a	n/a	
<b>Current at 415V 50Hz</b>	<b>14.4 A</b>	n/a	n/a	
<b>Current at 460V 60Hz</b>	<b>n/a</b>	12.9 A	14.6 A	
<b>Efficiency class</b>	<b>IE3</b>	IE3	IE2	
<b>Efficiency at 100% load</b>	<b>89.1%</b>	91.0%	89.5%	
<b>Efficiency at 75% load</b>	<b>89.1%</b>	90.4%	89.5%	
<b>Efficiency at 50% load</b>	<b>89.1%</b>	88.8%	89.5%	
<b>Power factor (cos fi)</b>	<b>0.82</b>	0.80	0.83	
<b>Torque</b>	<b>72.8 Nm</b>	60.3 Nm	69.8 Nm	
<b>Starting current [ratio]</b>	<b>5.6</b>	6.3	5.7	
<b>Starting torque [ratio]</b>	<b>1.8</b>	2.0	1.7	
<b>Breakdown torque [ratio]</b>	<b>2.4</b>	2.8	2.4	
<b>Insulation class</b>	F (155°C)/ temperature rise B (80K)			
<b>Protection</b>	IP55			
<b>Weight</b>	140. kg			
<b>Available Mounting</b>	B3; B5; B3/B5; B14A; B3/B14A; V1			
<b>Thermal Protection</b>	3x PTCs			
<b>Moment of Inertia</b>	0.2077 kg.m²			

