



Accreditation (National)	IEC 60079									
Hazardous Classification	Ex db IIB T4									
Series Model Type	E3ABL									
Frame Size	132M									
Rated Output Power	7.5 kW									
Rated Speed	1465 r/min									
Number of Poles	4 Pole									
Number of Phases	3 Phase									
Voltage	400 V									
Frequency	50 Hz									
Duty Cycle	S1									
Service Factor	1.00									
Operating Altitude	1000 masl									
Insulation Class	F (155°C)									
Temperature Rise	80K (B class)									
Ambient Temperature	-15°C ~ 50°C									
Method of Cooling	IC411 (TEFC - Totally Enclosed Fan Cooled)									
Degree of Protection (Ingress Level)	IP55									
Material of Construction	Cast Iron									
Connection	Δ/Y									
Full Load Current [I_N]	14.43									
Locked Rotor Current [I_L / I_N]	7.50									
Full Load Torque [T_N]	48.89 Nm									
Locked Rotor Torque [T_L / T_N]	2.0									
Breakdown Torque [T_B / T_N]	2.3									
Efficiency Class	IE3									
Load										
Efficiency	<table border="1"><thead><tr><th>100% load</th><th>75% load</th><th>50% load</th></tr></thead><tbody><tr><td>90.4%</td><td>90.3%</td><td>89.7%</td></tr><tr><td>0.84</td><td>0.79</td><td>0.69</td></tr></tbody></table>	100% load	75% load	50% load	90.4%	90.3%	89.7%	0.84	0.79	0.69
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0.84	0.79	0.69								
Power Factor (cos φ)										
Bearing Configuration (DE / NDE)	Ball Bearing / Ball Bearing									
Bearing Series Type	DE: 6208-2Z/C3 NDE: 6208-2Z/C3									
Bearing Lubrication Type	Grease - ESSO UNIREX N2									
Vibration	1.6 mm/sec									
Moment of inertia (kg.m²)	0.0488									
Direction of Rotation	CW or CCW									
Sound Pressure Level	75 dB(A)									
Final Colour	RAL 5010									
Paint Specification	2 Pack Epoxy									
Mounting Options	B5 /V3									
Terminal Box Position	Top Terminal Box									