

DATA SHEET

Three-phase Induction Motor - Squirrel Cage

Motor Type	MSV3 90L-4			
CSA/UL MODEL	TMV 90L-4			
TEC Type	1.543TECAPAD-NU			
Nuaire Part Number	5350174/3			
Output	1.50	1.50	1.80	[kW]
Connection	D	Y	Y	
Voltage/Connection	230V D /	400V Y 50Hz	460V Y 60Hz	[V]
Frequency	50	50	60	[Hz]
Current	6.69	3.86	3.85	[A]
Speed	1440	1440	1730	[min-1]
Power factor	0.66	0.66	0.66	[cosφ]
Efficiency (50HZ)	100% Load	75% Load	50% Load	
	85.3	85	82.4	[%]
Insulation class	F			
Temperature rise Class	B			
Duty Type	S1			
Efficiency Class	IE3			
Efficiency testing method: IEC 60034-2-1				
Standards and specifications: CE				
Certification	CSA/UL Approval file No. 224693			
Mechanical data				
Frame size	90			
Housing	Alu.			
Type of protection	IP 56			
Type of cooling	TEAO			
Exposed Fixing	A4 Stainless steel			
Finishing	Anodising Aluminum			
Thermal Protection	PTO 155°C			
Bearing DE/NDE	6205	DE	6204	NDE
Lubrication Grease	TURMOGREASE N502			
Lubrication Interval	Permanent lubrication			
L10 grease life at 40°C	40,000			[h]
Cable Glands	1*M20+1*M16 point to left looking from NDE			
Weight	18.5			[Kg]
Direction of Rotation	Bidirectional			
Ambient temperature	-50...+60			[°C]
Altitude	1000 m.a.s.l			

230V anti-condensation heater fitted