

DATA SHEET

Three-phase Induction Motor - Squirrel Cage



Motor Type	MSV3 132S-4			
CSA/UL MODEL	TMV 132S-4			
TEC Type	5.543TECAPAD-IE3-Nuairé			
Output	5.5	5.5	6.6	[kW]
Connection	D	Y	D	
Voltage	400	690	460	[V]
Frequency	50	50	60	[Hz]
Current	11.1	6.39	11.1	[A]
Speed	1460	1460	1755	[min-1]
Power factor	0.8	0.8	0.8	[cosφ]
Efficiency (50HZ)	100% Load	75% Load	50% Load	
	89.6	89.8	89.1	[%]
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	132S			
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	6308 2RZ/ 6208 2RZ			
Lubrication Grease	TURMOGREASE N502			
Lubrication Interval	Permanent Lubrication			
L10 grease life at 40°C	40,000			
Cable Glands	1*M20+1*M16 pointing down to ground			
Weight	43.4			
Direction of Rotation	Bidirectional			
Ambient temperature	-50...+60			
Altitude	1000 m.a.s.l			