DATA SHEET
Three-phase Induction Motor - Squirrel Cage

Motor Type	**MSV3 112M-4**				
CSA/UL MODEL	**TMV**	**12M-4**			
TEC Type	**4.043TECAPAD-NU**				
Output	4.00	4.00	4.80		[kW]
Connection	D	Y	Y		
Voltage/Connection	400 V D / 690V Y 50Hz		460V D 60Hz		[V]
Frequency	50	50	60		[Hz]
Current	8.15	4.7	8.19		[A]
Speed	1455	1455	1745		[min-1]
Power factor	0.8	0.8	0.8		[cosφ]
Efficiency (50HZ)	100% Load	75% Load	50% Load		
	88.6	89	87.7		[%]
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	112				
Housing	Alu.				
Type of protection	IP 56				
Type of cooling	TEAO				
Exposed Fixing	A4 Stainless steel				
Finishing	Anodising Aluminum				
Thermal Protection	PTO 155℃				
Bearing DE/NDE	6306	DE	6206	NDE	
Lubrification Grease	TURMOGREASE N502				
Lubrification Interval	Permanent lubrification				
L10 grease life at 40°C	40,000				[h]
Cable Glands	1*M20+1*M16 pointing down to ground				
Weight	32.3				[Kg]
Direction of Rotation	Bidirectional				
Ambient temperature	-50…+60				[°C]
Altitude	1000 m.a.s.l				