

**MS2**  
Medium Voltage



**MEDIUM VOLTAGE MOTORS**

**ELECTRICAL MACHINES**  
A division of ACTOM (Pty) Ltd

**ACTOM**

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**GENERAL MOTOR INFO:**

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Type:	3 phase, AC, cage induction motors
Frame Sizes:	315, 355, 400, 450, 500, 560
Rated Output:	200 - 2000kW on 4 pole speed
Specifications:	IEC 60034 and IEC 60072
Housing material:	Cast Iron
Power Terminal box (PTB):	Standard 1 X PTB with 6 leads Pressure relief slot Fabricated steel Blank, steel, detachable gland plate
Fan cowl:	Fabricated steel Supplied with rain canopy for IMV1 mounting
Direction of rotation:	2 pole - Uni-directional 4-8 pole - Bi-directional
Cooling:	TEFC, IC 411
Standard Mounting options:	IMB3
Other mounting options available:	IM B35, IM V1
Standard Degree of protection:	IP 55 (IP 66 available upon request)
System supply:	3.3 kV or 6.6 kV, 3 phase, 50Hz
Standard polage options:	2, 4, 6, 8 poles
Slower speeds:	10 and 12 pole speeds available upon request
Insulation Class:	Class F insulation
Impregnation method:	VPI
Temperature rise:	Class B (80K), by resistance at 1000 masl
Std ambient temperature:	- 20 deg. C to 40 deg. C
Std altitude operation:	Below 1000 masl
Stator thermal protection:	2 X RTD's per phase
Bearing thermal protection:	1 X RTD per bearing
Anti Condensation heaters:	2 X 220V heaters
Shock pulse monitors:	2 X SPM ports
Rotor conductors:	Copper bar
Insulated bearings:	Insulated NDE bearing assembly arrangement
Paint:	Epoxy system with UV protector Std colour: RAL 7043 - Traffic grey B
Rating plates:	Stainless steel