

SIEMENS	Data Sheet :Induction Motor Motor Type : 1LA0 063-2LA80 Champion Series			Standard Motor		
				MTR 2.6-227		
Number of Phases		3				
Rated Output		kW	0.25			
Rated Voltage		V	415			
Rated Current		A	0.71	Reference Standard		
				IS/IEC 60034-1		
Rated Speed		rpm	2770	Construction IS/IEC 60034-5		
				IP55		
Rated Frequency		Hz	50	Cooling IEC 60034-6		
				IC 411		
Rated Torque		kgfm / Nm	0.09 / 0.86	Duty		
				S1		
Efficiency	100% load	%	60.0	Terminal	Type	1XB0 096
	75% load	%	58.0		Terminal size	M4
	50% load	%	37.0		Box	Number of terminals
Power factor :	100% load	%	0.82	Details	Max. Cable section	mm ² 1R 3½C 6mm ²
	75% load	%	0.64		Drive End	6201 ZZ
	50% load	%	0.45		Non-Drive End	6201 ZZ
Insulation Class			F	Bearing data	Lubrication	Pre-Lubricated
Temperature rise at 30 sec by (Res.method) K			70		Life L10 hrs. #	50000
Locked rotor withstand time	Hot	(s)	5	Lifting eyebolt IS:4190		-
	Cold	(s)	10	Motor wt Approx		kg 6
Stator connection			STAR	Rotor	GD ² (i.e. 4x M.I.)	kgf.m ² 0.001
Rotor Class			KL 10		Weight	kg 2.4
Ratio of starting current to the rated current				Construction IS:2253		IMB3
		100% voltage	4.5	Frame designation		63
		80% voltage	3.4			
Ratio of starting torque to the rated torque	100% voltage		2.0	Ambient Temperature		°C 50
	80% voltage		1.1	Voltage Variation		% ±10
				Frequency variation		% ±5
Ratio of Break-down torque to the rated torque	100% voltage		2.3	Combined Voltage & Frequency variation		% 10
	80% voltage		1.4	#For directly coupled drives		
				Data subject to tolerance as per IS/IEC 60034-1		
Remarks:						
Imp: Features/accessories indicated in this datasheet are at offer making stage, the motor will be provided with the features/accessories as finalized at ordering stage.						
KALWA WORKS Department : WMOT/PD		Prepd. : Date : 19.03.15		Chkd. : Date : 19.03.15		Mar '15