

SIEMENS	Data Sheet :Induction Motor Motor Type : 1LA0 060-2LA80 Champion Series			Standard Motor		
				MTR 2.6-227		
Number of Phases		3				
Rated Output		kW	0.18			
Rated Voltage		V	415			
Rated Current		A	0.5	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	0.06 / 0.62	Duty	S1	
Efficiency	100% load	%	60.0	Terminal Box Details	Type	1XB0 096
	75% load	%	57.0		Terminal size	M4
	50% load	%	49.0		Number of terminals	6
Power factor :	100% load	%	0.84	Bearing data	Max. Cable section	mm <sup>2</sup> 1R 3½C 6mm <sup>2</sup>
	75% load	%	0.71		Drive End	6201 ZZ
	50% load	%	0.57		Non-Drive End	6201 ZZ
Insulation Class		F		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	5
Stator connection		STAR		Rotor	GD <sup>2</sup> (i.e. 4x M.I.)	kgf.m <sup>2</sup> 0.001
Rotor Class		KL 10			Weight	kg
Ratio of starting current to the rated current		100% voltage	4.5	Construction IS:2253	IMB3	
		80% voltage	3.4	Frame designation	63	
Ratio of starting torque to the rated torque	100% voltage	2.0		Ambient Temperature	°C	50
	80% voltage	1.1		Voltage Variation	%	±10
Ratio of Break-down torque to the rated torque	100% voltage	2.3		Frequency variation	%	±5
	80% voltage	1.4		Combined Voltage & Frequency variation	%	10
			#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