

SIEMENS	Data Sheet :Induction Motor Motor Type : 1LA0 070-6LA80 Champion Series				Standard Motor		
					MTR 2.6-227		
Number of Phases		3					
Rated Output kW		0.18					
Rated Voltage V		415					
Rated Current A		0.66		Reference Standard		IS/IEC 60034-1	
Rated Speed rpm		900		Construction IS/IEC 60034-5		IP55	
Rated Frequency Hz		50		Cooling IEC 60034-6		IC 411	
Rated Torque kgfm / Nm		0.19 / 1.9		Duty		S1	
Efficiency	100% load %		56.0		Terminal Box Details	Type	1XB0 096
	75% load %		51.0			Terminal size	M4
	50% load %		37.0			Number of terminals	6
Power factor :	100% load %		0.68		Drive End	Max. Cable section	mm ² 1R 3½C 6mm ²
	75% load %		0.55				
	50% load %		0.38				
Insulation Class		F		Bearing data	Non-Drive End		6202 ZZ
Temperature rise at 30 sec by (Res.method) K		70			Lubrication		Pre-Lubricated
					Life L10 hrs. #		50000
Locked rotor withstand time	Hot (s)		12		Lifting eyebolt IS:4190		-
	Cold (s)		24		Motor wt Approx kg		8
Stator connection		STAR		Rotor	GD ² (i.e. 4x M.I.) kgf.m ²		0.0033
Rotor Class		KL 13			Weight kg		3.6
Ratio of starting current to the rated current		100% voltage		Construction IS:2253		IMB3	
		80% voltage		Frame designation		71	
Ratio of starting torque to the rated torque		100% voltage		Ambient Temperature °C		50	
		80% voltage		Voltage Variation %		±10	
Ratio of Break-down torque to the rated torque		100% voltage		Frequency variation %		±5	
		80% voltage		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 : 20.03.15		Chkd. : Date : 20.03.15		Mar '15