

		DATA SHEET: BRAKE MOTOR		Motor Type 2KB2 060-02		
No. of Phases		3	Noise Standard		IS:12065	
Frame Designation		63	Duty		S1	
Rated Output	kW	0.18	Insulation Class		F	
	HP	0.25	Cooling IS:6362		IC411	
No. of Poles		2	Terminal Box Details	Type	HM2GN	
Rated Voltage	V	415		Terminal Size	M4	
Rated Frequency	Hz	50		No. of Terminal	6	
Rated Current	A	0.53		Max. cable size (Cu)	mm ² 1x3Cx4.0	
Rated Speed	rpm	2790	Bearing Data	DE	6201ZZ	
Rated Torque	kgm	0.06		NDE	6201ZZ	
Efficiency	Full load	% 60.4		Lubrication	Prelubricated	
	3/4 load	% 60.4		Life L10 (Direct coupled)	hrs. 50,000	
	1/2 load	% 56.0	Regreasing Time	hrs. -		
Power factor	Full load	0.78	Lifting Eyebolt IS:4190		-	
	3/4 load	0.72	Motor Weight (approx)	kg	6.5	
	1/2 load	0.59	Rotor GD ²	kgm ²	0.0009	
Max. Temp. Rise (Res.)	°C	70	Ambient Temp.	°C	50	
Acceleration Time	sec.	-	Overall Dimensions of Packed motor (LxBxH) (mm)			
Stator Connection		Y	-			
Tropicalised? (Yes / No)		Yes	Voltage Variation ±	%	10	
I _{st} / I _r		4.8	Frequency Variation ±	%	5	
T _{st} / T _r		2.0	Combiend Variation ±	%	10	
T _{po} / T _r		2.3	Brake	Size	06	
Locked rotor withstand time	Hot	sec. 6		Torque	Nm	4
	Cold	sec. 14		Safety Factor		6.49
Reference Standard		IS:12615		Release time	ms	35
Protection IS:4691		IP 54		Volts (DC)	V	190
Vibration Standard		IS:12075	Data subject to tolerance as per IS: 12615			
Remarks: (1) Efficiency Class : IE2 (2) Motor Construction : TEFC						
Prep.:	SK		Chkd.:	SPJ		
Date:	07/05/2020		Date:	07/05/2020		