

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: Aluminium

a company of



Motor type:
Motor item number:

WU-DA90LWX IE2 4P 1,5kW B14
090W001281T

50 HZ data	Rated power:	1,5 kW	
	Poles(Synch speed):	4p (1500) r.p.m	
	Full load speed:	1440 r.p.m	
	Voltage:	230 / 400 V	
	Frequency:	50 Hz	
	Connection:	Δ / Y	
	Amps full load (FLA):	6,5 / 3,7 A	
	Amps no-load (NLA):	A	
60 HZ data		kW	
		r.p.m	
		r.p.m	
		V	
		Hz	
		A	

Enclosure:	IP55	Cable entries size:	1 x CM20
Mounting:	IM B3 (IM 1001)	Winding protection:	
Insulation Class:	F	Max. Altitude:	1000 m.a.s.l.
Max. ambient temp.:	+40 °C	Heater:	no
Min. ambient temp.:	-20 °C	Shaft extension:	24x50 mm
Max. temp. rise:	80 K	Weight:	14,5 kg
Duty type:	S1	Painting:	Alkyd-Amin Resins Paint
Cooling form:	IC411 (TEFC)	Color:	RAL 5021
Bearing DE	6205 ZZ CM	Box position:	Top DE
Bearing NDE	6203 ZZ CM	Cable entry towards:	Right
Grease:	Lithium or Polyurea Base	Cable type:	N/A
Regreasing facilities:	NO	Balance grade:	Normal

Efficiency class:	IE2	Sound pressure (1m):	48 dB(A)
Load data:	100% 75% 50%	Resistance R20:	2,52 PH
Efficiency:	82,8 83 81		
Power factor:	0,70 0,58 0,46		

Full load torque (FLT):	9,9 Nm	Pull out torque ratio:	3,1 MK/MN
Starting torque ratio:	2,6 MA/MN	Pull up torque:	2,4 MS/MN
Starting current ratio:	5,6 IA/IN	Rotor inertia WK2:	0,0042 kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

Hazardous classification: Ex II 3G Eex nA II	Temp. Class: T3
Certificate number: BAS00ATEX3119X	t _E time: sek

Special remarks: