

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: Aluminium

a company of



Motor type: **WU-DA80MM-H IE2 2P 1,1kW B35**
Motor item number: **080W207221T**

Rated power:	1,1 kW			kW
Poles(Synch speed):	2p (3000) r.p.m			r.p.m
Full load speed:	2880 r.p.m			r.p.m
Voltage:	230	/	400 V	V
Frequency:	50 Hz			Hz
Connection:	Δ	/	Y	
Amps full load (FLA):	4,1	/	2,35 A	A
Amps no-load (NLA):				A

Enclosure:	IP55		Cable entries size:	1 x CM20	
Mounting:	IM B35 (IM 2001)		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:	19x40	mm
Max. temp. rise:	80	K	Weight:	kg	
Duty type:	S1		Painting:	Alkyd-Amin Resins Paint	
Cooling form:	IC411 (TEFC)		Color:	RAL 5021	
Bearing DE	6204	ZZ CM	Box position:	Top NDE	
Bearing NDE	6003	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):	56 dB(A)
Load data:	100%	75%	50%	Resistance R20:	5,05 PH
Efficiency:	79,6	80,7	78,6		
Power factor:	0,84	0,77	0,65		

Full load torque (FLT):	3,6	Nm	Pull out torque ratio:	2,7	MK/MN
Starting torque ratio:	2,8	MA/MN	Pull up torque:	2,4	MS/MN
Starting current ratio:	6,7	IA/IN	Rotor inertia WK2:	0,0013	kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

Hazardous classification:	Temp. Class:	
Certificate number:	t _E time:	sek

Special remarks: