

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: Aluminium

a company of



Motor type: **WU-DA100LS-H IE2 4P 2,2kW B35**
Motor item number: **100W247420T**

Rated power:	2,2 kW			60 HZ data	kW
Poles(Synch speed):	4p (1500) r.p.m			50 HZ data	r.p.m
Full load speed:	1435 r.p.m			60 HZ data	r.p.m
Voltage:	230	/	400 V	50 HZ data	V
Frequency:	50 Hz			60 HZ data	Hz
Connection:	Δ	/	Y	50 HZ data	
Amps full load (FLA):	8,9	/	5,1 A	60 HZ data	A
Amps no-load (NLA):	A			60 HZ data	A

Enclosure:	IP55		Cable entries size:	2 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:	28x60	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	6206	ZZ C3	Box position:	Top DE	
Bearing NDE	6205	ZZ C3	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):	54 dB(A)
Load data:	100%	75%	50%	Resistance R20:	1,98 PH
Efficiency:	84,3	83,6	81,4		
Power factor:	0,74	0,66	0,53		

Full load torque (FLT):	14,6	Nm	Pull out torque ratio:	3,1	MK/MN
Starting torque ratio:	3,1	MA/MN	Pull up torque:	2,6	MS/MN
Starting current ratio:	6,6	IA/IN	Rotor inertia WK2:	0,0103	kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: