Issue 2, date 05.08.2008

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: Aluminium

a company of ATB Technology in Motion

Motor type: WU-DA160MJ-D IE2 4P 11kW B5
Motor item number: 160W417410T

	50 HZ data				60 HZ data	
Rated power:		11	kW			kW
Poles(Synch speed):		4p (1500)	r.p.m			r.p.m
Full load speed:		1465	r.p.m			r.p.m
Voltage:	400 /	690	V			V
Frequency:		50	Hz			Hz
Connection:	Δ /	Y				
Amps full load (FLA):	21 /	12,1	A			A
Amps no-load (NLA):			A			

Enclosure:	IP55		Cable entries size:	
Mounting:	IM B5 (IM 3001)		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:	42x110 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	6309	ZZ C3	Box position:	Top DE
Bearing NDE	6307	ZZ C3	Cable entry towards:	Right
Grease:	Lithium or Polyurea Base		Cable type:	N/A
Regreasing facilities:	NO		Balance grade:	Normal

Efficiency class:	IE2		
Load data:	100%	75%	50%
Efficiency:	89,8	91	90,4
Power factor:	0,83	0,78	0,67

Sound pressure (1m):	63 dB(A)
Resistance R20:	0,9 PH

Full load torque (FLT):	71,7	Nm	Pull out torque ratio:	2,9	MK/MN
Starting torque ratio:	2,5	MA/MN	Pull up torque:	2,0	MS/MN
Starting current ratio:	7,7	IA/IN	Rotor inertia WK2:	0,068	kgm^2

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

Hazardous classification:	Temp. Class:
	t_E time: sek
Certificate number:	

Special remarks: