Issue 2, date 05.08.2008

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: Cast Iron

a company of ATB Technology in Motion

Motor type: WU-DF132MR IE2 6P 5,5kW B3
Motor item number: 132W327702T

	50 HZ data				60 HZ data	
Rated power:		5,5	kW			kW
Poles(Synch speed):		6p (1000)	r.p.m			r.p.m
Full load speed:		950	r.p.m			r.p.m
Voltage:	400 /	690	V			V
Frequency:		50	Hz			Hz
Connection:	Δ /	Y				
Amps full load (FLA):	12,3 /	7,1	A			A
Amps no-load (NLA):			A			

Enclosure:	IP55		Cable entries size:	2 x CM25
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:	38x80 mm
Max. temp. rise:	80	K	Weight:	82,6 kg
Duty type:	S1		Painting:	Argus
Cooling form:	IC411 (TEFC)		Color:	RAL 5021
Bearing DE	6308	ZZ C3	Box position:	Top DE
Bearing NDE	6305	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:	86	85,2	83,5
Power factor:	0,75	0,68	0,55

Sound pressure (1m): 58 dB(A)
Resistance R20: 2,15 PH

Full load torque (FLT):	55,3	Nm	Pull out torque ratio:	2,4	MK/MN
Starting torque ratio:	2,1	MA/MN	Pull up torque:	1,6	MS/MN
Starting current ratio:	5,6	IA/IN	Rotor inertia WK2:	0,032	kgm^2

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: