

BROOK CROMPTON

TECHNICAL DATA SHEET

PRELIMINARY DATA

Three-phase asynchronous motor
MOTOR FRAME: Aluminium

Motor type: WP-DA90STX IE3 4P 1,1KW B5
Motor item number: TBA

Rated power:	1,1	kW			kW
Poles(Synch speed):	4p (1500)	r.p.m			r.p.m
Full load speed:	1430	r.p.m			r.p.m
Voltage:	500	V			V
Frequency:	50	Hz			Hz
Connection:	Y				
Amps full load (FLA):	2	A			A
Amps no-load (NLA):		A			A

Enclosure:	IP55			Cable entries size:	1 x CM20
Mounting:	IM B5 (IM 3001)			Winding protection:	NO
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	°C		Weight:	19 kg
Duty type:	S1			Painting:	Manufacturer standard
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:	NSK EA6			Cable type:	N/A
Regreasing facilities:	NO			Balance grade:	Normal

Efficiency class:	IE3			Sound pressure (1m):	48 dB(A)
Load data:	100%	75%	50%	Resistance R20:	TBA PH
Efficiency:	84,1	84,4	84		
Power factor:	0,77	0,70	0,57		

Full load torque (FLT):	7	Nm		Pull out torque ratio:	3,5	Mk/MN
Starting torque ratio:	3,0	MA/MN		Pull up torque:	2,7	MS/MN
Starting current ratio:	7,0	IA/IN		Rotor inertia WK2:	0,0037	kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: