

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: Aluminium

www.tamel.pl

Produced by **Tamel S.A.** a company of



Motor type: **W-DA71SJ 4P 0,25kW**

Motor item number: **TBA**

PRELIMINARY DATA

Rated power:	kW	0,33HP	0,25 kW
Poles(Synch speed):	r.p.m		4p (1800) r.p.m
Full load speed:	r.p.m		1680 r.p.m
Voltage:	V	266	460 V
Frequency:	Hz		60 Hz
Connection:		Δ	Y
Amps full load (FLA):	A	1,2	0,7 A
Amps no-load (NLA):	A		

Enclosure:	IP55	Cable entries size:	1 x CM20
Mounting:	IM B14 (IM 3601)	Winding protection:	N/A
Insulation Class:	F	Max. Altitude:	1000 m.a.s.l.
Max. ambient temp.:	+40 °C	Heater:	N/A
Min. ambient temp.:	-20 °C	Shaft extension:	14x30 mm
Max. temp. rise:	80 K	Weight:	7 kg
Duty type:	S1	Painting:	Manufacturer standard
Cooling form:	IC411 (TEFC)	Color:	RAL 5021
Bearing DE	6003 ZZ CM	Box position:	Top NDE
Bearing NDE	6003 ZZ CM	Cable entry towards:	Right
Grease:	Esso Unirex N3	Cable type:	N/A
Regreasing facilities:	NO	Balance grade:	Normal

Efficiency class:	Not applicable	Sound pressure (1m):	40 dB(A)
Load data:	100% 75% 50%	Resistance R20:	PH
Efficiency:	69 68 62		
Power factor:	0,65 0,55 0,44		

Full load torque (FLT):	1,42 Nm	Pull out torque ratio:	2,3 MK/MN
Starting torque ratio:	2 MA/MN	Pull up torque:	1,7 MS/MN
Starting current ratio:	4,0 IA/IN	Rotor inertia WK2:	0,00084 kgm ²

Special remarks:	UL/CSA approved
	based on T2905

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks:
