

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:

WU-DA71SG-2 0,37kW

Motor item number:

TBA

PRELIMINARY DATA

Rated power:	0,37 kW	0,37 kW
Poles(Synch speed):	2p (3000) r.p.m	2p (3600) r.p.m
Full load speed:	2815 r.p.m	3410 r.p.m
Voltage:	220-240 / 380-415 V	255-277 / 440-480 V
Frequency:	50 Hz	60 Hz
Connection:	Δ / Y	Δ / Y
Amps full load (FLA):	1,6-1,52 / 0,92-0,88 A	1,4-1,3 / 0,8-0,73 A
Amps no-load (NLA):	0,99 / 0,57 A	

Enclosure:	IP55	Cable entries size:	1 x CM20
Mounting:		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:	6,5 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
Load data:	100% 75% 50%
Efficiency:	72 73 71
Power factor:	0,84 0,76 0,63

Sound pressure (1m): 51 dB(A)
Resistance R20: PH

Full load torque (FLT):	1,26 Nm	Pull out torque ratio:	2,1 Mk/MN
Starting torque ratio:	1,8 MA/MN	Pull up torque:	1,6 MS/MN
Starting current ratio:	5,0 IA/IN	Rotor inertia WK2:	0,00052 kgm ²

Special remarks:	UL/CSA approved
------------------	-----------------

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks:
