

BROOK CROMPTON

TECHNICAL DATA SHEET

PRELIMINARY DATA - NOT CERTIFIED

Three-phase asynchronous motor

MOTOR FRAME: **Aluminium**

www.tamel.pl

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



Motor type: **WU-DA71SR-6 0,37kW**
 Motor item number:

Rated power:	kW	0,37 kW
Poles(Synch speed):	r.p.m	6p (1200) r.p.m
Full load speed:	r.p.m	1085 r.p.m
Voltage:	V	120 / 208 V
Frequency:	Hz	60 Hz
Connection:		Δ / Y
Amps full load (FLA):	A	4,87 / 2,81 A
Amps no-load (NLA):	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:	no
Min. ambient temp.:	-20 °C	Shaft extension:	14x30 mm
Max. temp. rise:	105 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:	NSK EA6	Cable type:	N/A
Regreasing facilities:	NO	Balance grade:	Normal

Efficiency class:	not applicable	Sound pressure (1m):	44 dB(A)
Load data:	100% 75% 50%	Resistance R20:	PH
Efficiency:	58%		
Power factor:	0,63		

Full load torque (FLT):	3,3 Nm	Pull out torque ratio:	1,8 MK/MN
Starting torque ratio:	1,7 MA/MN	Pull up torque:	1,5 MS/MN
Starting current ratio:	2,9 IA/IN	Rotor inertia WK2:	0,00124 kgm ²

Special remarks: **UL/CSA approved (safety of design);**

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: