

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-DA71SK-D 4P 0,37kW**

Motor item number:

50 HZ data	Rated power:	0,37 kW	60 HZ data	0,43 kW
	Poles(Synch speed):	4p (1500) r.p.m		4p (1800) r.p.m
	Full load speed:	1410 r.p.m		1720 r.p.m
	Voltage:	220-240 / 380-415 V		254-277 / 440-480 V
	Frequency:	50 Hz		60 Hz
	Connection:	Δ / Y		Δ / Y
	Amps full load (FLA):	2,03-1,92 / 1,17-1,11 A		2,03-1,92 / 1,17-1,11 A
	Amps no-load (NLA):	1,73 / 1,0 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:	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			Sound pressure (1m):	38 dB(A)
Load data:	100%	75%	50%	Resistance R20:	PH
Efficiency:	71	69	63		
Power factor:	0,68	0,57	0,45		

Full load torque (FLT):	2,5 Nm	Pull out torque ratio:	2,2 MK/MN
Starting torque ratio:	1,8 MA/MN	Pull up torque:	1,6 MS/MN
Starting current ratio:	4,0 IA/IN	Rotor inertia WK2:	0,00087 kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: