

BROOK CROMPTON

TECHNICAL DATA SHEET

PRELIMINARY DATA

Three-phase asynchronous motor

MOTOR FRAME: Aluminium
www.tamel.pl

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

Motor type: WU-DA71SK 2P 0,55kW
Motor item number:

Rated power:	0,55 kW		kW
Poles(Synch speed):	2p (3000) r.p.m		r.p.m
Full load speed:	2820 r.p.m		r.p.m
Voltage:	500 V		V
Frequency:	50 Hz		Hz
Connection:	Y		
Amps full load (FLA):	0,99 A		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:	N/A
Min. ambient temp.:	-20 °C	Shaft extension:	14x30 mm
Max. temp. rise:	80 K	Weight:	7,3 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):	51 dB(A)
Load data:	100% 75% 50%	Resistance R20:	PH
Efficiency:	74 75 73		
Power factor:	0,87 0,81 0,70		

Full load torque (FLT):	1,86 Nm	Pull out torque ratio:	2,1 MK/MN
Starting torque ratio:	1,9 MA/MN	Pull up torque:	1,6 MS/MN
Starting current ratio:	5,0 IA/IN	Rotor inertia WK2:	0,00063 kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: