

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-DA63SG-D 4P 0,18kW B5

Motor item number:

50 HZ data	Rated power:	0,18 kW	60 HZ data	0,21 kW
	Poles(Synch speed):	4p (1500) r.p.m		4p (1800) r.p.m
	Full load speed:	1370 r.p.m		1680 r.p.m
	Voltage:	220-240 / 380-415 V		250-275 / 440-480 V
	Frequency:	50 Hz		60 Hz
	Connection:	Δ / Y		Δ / Y
	Amps full load (FLA):	1,0-1,1 / 0,59-0,64 A		1,0-1,1 / 0,59-0,64 A
	Amps no-load (NLA):	0,88 / 0,51 A		

Enclosure:	IP55	Cable entries size:	2x20CM
Mounting:	IM B5 (IM 3001)	Winding protection:	3xPTO
Insulation Class:	F /	Max. Altitude:	1000 m.a.s.l.
Max. ambient temp.:	+40 °C	Heater:	no
Min. ambient temp.:	-20 °C	Shaft extension:	11x23 mm
Max. temp. rise:	80 K	Weight:	5,4 kg
Duty type:	S1	Painting:	Manufacturer standard
Cooling form:	IC411 (TEFC)	Color:	RAL 5021
Bearing DE	6202 ZZ CM	Box position:	Top NDE
Bearing NDE	6202 ZZ CM	Cable entry towards:	Right
Grease:	Esso Unirex N3	Cable type:	N/A
Regreasing facilities:	NO	Balance grade:	Normal

Efficiency class:		Sound pressure (1m):	39 dB(A)
Load data:	100% 75% 50%	Resistance R20:	57 PH
Efficiency:	62 58 51		
Power factor:	0,66 0,56 0,44		

Full load torque (FLT):	1,25 Nm	Pull out torque ratio:	2,2 MK/MN
Starting torque ratio:	2,2 MA/MN	Pull up torque:	2,0 MS/MN
Starting current ratio:	3,1 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: