

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-DA160ME 8P 4,0kW

Motor item number:

50 HZ data	Rated power:	4 kW	60 HZ data		kW
	Poles(Synch speed):	8p (750) r.p.m			r.p.m
	Full load speed:	725 r.p.m			r.p.m
	Voltage:	380-415 / 690-720 V			V
	Frequency:	50 Hz			Hz
	Connection:	Δ / Y			
	Amps full load (FLA):	10,4-9,9 / 6,0-5,7 A			A
	Amps no-load (NLA):	5,8 / 3,35 A			

Enclosure:	IP55	Cable entries size:	2 x CM32
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:	42x110 mm
Max. temp. rise:	80 K	Weight:	100 kg
Duty type:	S1	Painting:	Manufacturer standard
Cooling form:	IC411 (TEFC)	Color:	RAL 5021
Bearing DE	6309 ZZ C3	Box position:	Right DE
Bearing NDE	6307 ZZ C3	Cable entry towards:	Right
Grease:	NSK EA6	Cable type:	N/A
Regreasing facilities:	NO	Balance grade:	Normal

Efficiency class:	not applicable			Sound pressure (1m):	53 dB(A)
Load data:	100%	75%	50%	Resistance R20:	PH
Efficiency:	86	86	84		
Power factor:	0,68	0,64	0,51		

Full load torque (FLT):	52,7 Nm	Pull out torque ratio:	2,5 MK/MN
Starting torque ratio:	1,6 MA/MN	Pull up torque:	1,4 MS/MN
Starting current ratio:	5,5 IA/IN	Rotor inertia WK2:	0,09 kgm²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: