

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: Aluminium

a company of



Motor type:

WU-DA100LR IE2 2P 3kW

Motor item number:

Rated power:	3 kW	
Poles(Synch speed):	2p (3000) r.p.m	
Full load speed:	2890 r.p.m	
Voltage:	230 / 400 V	
Frequency:	50 Hz	
Connection:	Δ / Y	
Amps full load (FLA):	10,2 / 5,9 A	
Amps no-load (NLA):	A	

Enclosure:	IP55	
Mounting:		
Insulation Class:	F	
Max. ambient temp.:	+40 °C	
Min. ambient temp.:	-20 °C	
Max. temp. rise:	80 K	
Duty type:	S1	
Cooling form:	IC411 (TEFC)	
Bearing DE	6206 ZZ C3	
Bearing NDE	6205 ZZ C3	
Grease:	Lithium or Polyurea Base	
Regreasing facilities:	NO	
Cable entries size:	2 x CM20	
Winding protection:		
Max. Altitude:	1000 m.a.s.l.	
Heater:	no	
Shaft extension:	28x60 mm	
Weight:	24,3 kg	
Painting:	Alkyd-Amin Resins Paint	
Color:	RAL 5021	
Box position:	Top DE	
Cable entry towards:	Right	
Cable type:	N/A	
Balance grade:	Normal	

Efficiency class:	IE2	
Load data:	100% 75% 50%	
Efficiency:	84,6 82,7 75,2	
Power factor:	0,88 0,74 0,54	

Sound pressure (1m): dB(A)
Resistance R20: 1,48 PH

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

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: