

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: Aluminium

Motor type: WP-DA100LTF 4p 3,0kW
Motor item number:

Rated power:	3	kW	3,45	kW
Poles(Synch speed):	4p (1500)	r.p.m	4p (1800)	r.p.m
Full load speed:	1460	r.p.m	1755	r.p.m
Voltage:	230 / 400	V	265 / 460	VY
Frequency:	50	Hz	60	Hz
Connection:	Δ / Y		Δ / Y	
Amps full load (FLA):	11,6 / 6,7	A	11,5 / 6,6	A
Amps no-load (NLA):		A		A

Enclosure:	IP55	Cable entries size:	2 x M20
Mounting:		Winding protection:	NO
Insulation Class:	F	Max. Altitude:	1000 m.a.s.l.
Max. ambient temp.:	+40 °C	Heater:	NO
Min. ambient temp.:	-20 °C	Shaft extension:	28x60 mm
Max. temp. rise:	80 °C	Weight:	29,5 kg
Duty type:	S1	Painting:	Manufacturer standard
Cooling form:	IC411 (TEFC)	Color:	RAL 5021
Bearing DE		Box position:	Top DE
Bearing NDE		Cable entry towards:	Right
Grease:	Esso Unirex N3	Cable type:	N/A
Regreasing facilities:	NO	Balance grade:	Normal

Efficiency class:		Sound pressure (1m):	54 dB(A)
Load data:	100% 75% 50%	Resistance R20:	1,23 PH
Efficiency:	87,7 87,7 85,8		
Power factor:	0,74 0,63 0,50		

Full load torque (FLT):	11,9 Nm	Pull out torque ratio:	3,8 MK/MN
Starting torque ratio:	3,7 MA/MN	Pull up torque:	3,2 MS/MN
Starting current ratio:	8,1 IA/IN	Rotor inertia WK2:	0,0121 kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: