

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: Aluminium

Motor type: WP-DA100LRF IE3 4P 2,2KW
Motor item number:

50 HZ data	Rated power:	2,2	kW	60 HZ data	2,53	kW
	Poles(Synch speed):	4p (1500)	r.p.m		4p (1800)	r.p.m
	Full load speed:	1450	r.p.m		1750	r.p.m
	Voltage:	230 / 400	V		265 / 460	V
	Frequency:	50	Hz		60	Hz
	Connection:	Δ / Y			Δ / Y	
	Amps full load (FLA):	6,3 / 3,6	A		7,9 / 4,5	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:	42 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:	IE3	Sound pressure (1m):	54 dB(A)
Load data:	100% 75% 50%	Resistance R20:	1,94 PH
Efficiency:	86,7 87 86		
Power factor:	0,79 0,70 0,57		

Full load torque (FLT):	14 Nm	Pull out torque ratio:	3,3 MK/MN
Starting torque ratio:	3,3 MA/MN	Pull up torque:	3,0 MS/MN
Starting current ratio:	7,3 IA/IN	Rotor inertia WK2:	0,0106 kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: