

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: Aluminium

Motor type: WP-DA112MWX IE3 4p 4,0kW B3
Motor item number:

Rated power:	4	kW	4,6	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:	400 / 690	V	460	V
Frequency:	50	Hz	60	Hz
Connection:	Δ / Y		Δ	
Amps full load (FLA):	8,4 / 4,9	A	8,2	A
Amps no-load (NLA):		A		A

Enclosure:	IP55	Cable entries size:	1 x M25
Mounting:	IM B3 (IM 1001)	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:	IE3	Sound pressure (1m):	54 dB(A)
Load data:	100% 75% 50%	Resistance R20:	0,942 PH
Efficiency:	88,6 88,6 88		
Power factor:	0,78 0,70 0,56		

Full load torque (FLT):	26 Nm	Pull out torque ratio:	3,5 MK/MN
Starting torque ratio:	3,5 MA/MN	Pull up torque:	2,9 MS/MN
Starting current ratio:	8,0 IA/IN	Rotor inertia WK2:	0,0151 kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: