

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: Aluminium

Motor type: WP-DA112MWX IE3 4p 4,0kW B3
Motor item number: 112W268400T

Rated power:	4	kW			4,59	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):	14,5 / 8,4	A			14,3 / 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: