

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: Aluminium

Motor type: WP-DA112MWX IE3 6p 2,2kW
Motor item number:

Rated power:				2,2 kW			
Poles(Synch speed):				6p (1000) r.p.m			
Full load speed:				960 r.p.m			
50 HZ data	Voltage:		230	/	400	V	
	Frequency:				50	Hz	
	Connection:		Δ	/	Y		
	Amps full load (FLA):		10,1	/	5,8	A	
	Amps no-load (NLA):					A	

60 HZ data			2,53 kW		
	6p (1200)		r.p.m		
	1160		r.p.m		
	265		/	460 V	
			60 Hz		
Δ		/	Y		
9,7		/	5,6	A	
				A	

Enclosure:	IP55	Cable entries size:	1 x M25
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:	IE3	Sound pressure (1m):	58 dB(A)
Load data:	100% 75% 50%	Resistance R20:	1,6 PH
Efficiency:	84,3 84,4 81,8		
Power factor:	0,65 0,58 0,43		

Full load torque (FLT):	22 Nm	Pull out torque ratio:	3,0 MK/MN
Starting torque ratio:	2,8 MA/MN	Pull up torque:	2,4 MS/MN
Starting current ratio:	5,6 IA/IN	Rotor inertia WK2:	0,015 kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: