

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: Aluminium

Motor type: WP-DA80MS IE3 2P 1,1kW
Motor item number:

Rated power:				1,1 kW				1,26 kW			
Poles(Synch speed):				2p (3000) r.p.m				2p (3600) r.p.m			
Full load speed:				2885 r.p.m				3480 r.p.m			
50 HZ data	Voltage:		230	/	400	V	60 HZ data	265		/	460 V
	Frequency:		50 Hz			60 Hz					
	Connection:		Δ	/	Y	Δ / Y					
	Amps full load (FLA):		3,95	/	2,3 A	3,75 / 2,15 A					
	Amps no-load (NLA):		A			A					

Enclosure:	IP55	Cable entries size:	1 x CM20
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:	19x40 mm
Max. temp. rise:	80 °C	Weight:	12 kg
Duty type:	S1	Painting:	Manufacturer standard
Cooling form:	IC411 (TEFC)	Color:	RAL 5021
Bearing DE	6204 ZZ CM	Box position:	Top NDE
Bearing NDE	6003 ZZ CM	Cable entry towards:	Right
Grease:	Esso Unirex N3	Cable type:	N/A
Regreasing facilities:	NO	Balance grade:	Normal

Efficiency class:	IE3	Sound pressure (1m):	56 dB(A)
Load data:	100% 75% 50%	Resistance R20:	4,72 PH
Efficiency:	83,5 84,8 83,5		
Power factor:	0,84 0,78 0,66		

Full load torque (FLT):	4 Nm	Pull out torque ratio:	3,1 MK/MN
Starting torque ratio:	3,5 MA/MN	Pull up torque:	2,8 MS/MN
Starting current ratio:	7,7 IA/IN	Rotor inertia WK2:	0,0012 kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: