

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: Aluminium

Motor type: WP-DA90LSX IE3 2P 2,2KW
Motor item number:

Rated power:	2,2 kW			50 HZ data	2,53 kW		
Poles(Synch speed):	2p (3000) r.p.m				2p (3600) r.p.m		
Full load speed:	2895 r.p.m				3490 r.p.m		
Voltage:	230	/	400 V		265	/	460 V
Frequency:	50 Hz				60 Hz		
Connection:	Δ	/	Y	Δ	/	Y	
Amps full load (FLA):	7,9	/	4,6 A	7,8	/	4,5 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:	24x50 mm
Max. temp. rise:	80 °C	Weight:	18 kg
Duty type:	S1	Painting:	Manufacturer standard
Cooling form:	IC411 (TEFC)	Color:	RAL 5021
Bearing DE	6205 ZZ C3	Box position:	Top DE
Bearing NDE	6203 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):	66 dB(A)
Load data:	100% 75% 50%	Resistance R20:	1,87 PH
Efficiency:	85,9 85,9 84,2		
Power factor:	0,81 0,73 0,59		

Full load torque (FLT):	7 Nm	Pull out torque ratio:	4,1 MK/MN
Starting torque ratio:	3,8 MA/MN	Pull up torque:	3,6 MS/MN
Starting current ratio:	8,5 IA/IN	Rotor inertia WK2:	0,0016 kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: