

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: Aluminium

Motor type: WP-DA132SMX IE3 3.0KW 6P
Motor item number:

Rated power:	3	kW	3,45	kW
Poles(Synch speed):	6p (1000)	r.p.m	6p (1200)	r.p.m
Full load speed:	970	r.p.m	1170	r.p.m
Voltage:	230 / 400	V	265 / 460	V
Frequency:	50	Hz	60	Hz
Connection:	Δ / Y		Δ / Y	
Amps full load (FLA):	12,5 / 7,2	A	12 / 6,9	A
Amps no-load (NLA):		A		A

Enclosure:	IP55	Cable entries size:	2xCM25
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:	38x80 mm
Max. temp. rise:	80 °C	Weight:	60,5 kg
Duty type:	S1	Painting:	Manufacturer standard
Cooling form:	IC411 (TEFC)	Color:	RAL 5021
Bearing DE	6208 ZZ C3	Box position:	Top DE
Bearing NDE	6305 ZZ C3	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:	1,02 PH
Efficiency:	87 87 83		
Power factor:	0,69 0,62 0,43		

Full load torque (FLT):	30 Nm	Pull out torque ratio:	2,5 MK/MN
Starting torque ratio:	2,3 MA/MN	Pull up torque:	2,2 MS/MN
Starting current ratio:	6,1 IA/IN	Rotor inertia WK2:	0,031 kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: