

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: **Cast Iron**

Motor type:

WP-DF112MWX IE3 6P 2.2kW

Motor item number:

Rated power:	2,2	kW	50 HZ data	2,53	kW	60 HZ data
Poles(Synch speed):	6p (1000)	r.p.m		6p (1200)	r.p.m	
Full load speed:	960	r.p.m		1160	r.p.m	
Voltage:	230 / 400	V		265 / 460	V	
Frequency:	50	Hz		60	Hz	
Connection:	Δ / Y			Δ / Y		
Amps full load (FLA):	10,1 / 5,8	A		9,7 / 5,6	A	
Amps no-load (NLA):		A			A	

Enclosure:	IP55	Cable entries size:	2 x CM25
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:	55,2 kg
Duty type:	S1	Painting:	Manufacturer standard
Cooling form:	IC411 (TEFC)	Color:	RAL 5021
Bearing DE	6206 ZZ C3	Box position:	Top DE
Bearing NDE	6205 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):	54 dB(A)
Load data:	100% 75% 50%	Resistance R20:	1,66 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: