

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: **Cast Iron**

Motor type: **WP-DF80MS IE3 2P 1,1kW**
Motor item number:

Rated power:	1,1			kW	50 HZ data		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
Voltage:	230	/	400	V			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:	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:	19x40 mm
Max. temp. rise:	80 °C	Weight:	15 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: