

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: **Cast Iron**

Motor type: **WP-DF80MM IE3 2P 0,75kW**
Motor item number:

Rated power:	0,75	kW			0,86	kW
Poles(Synch speed):	2p (3000)	r.p.m			2p (3600)	r.p.m
Full load speed:	2890	r.p.m			3495	r.p.m
Voltage:	230 / 400	V			265 / 460	V
Frequency:	50	Hz			60	Hz
Connection:	Δ / Y				Δ / Y	
Amps full load (FLA):	2,7 / 1,55	A			2,7 / 1,55	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:	Right Center
Bearing NDE	6003	ZZ CM			Cable entry towards:	Bottom
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:	6,96 PH
Efficiency:	80,7	81	77			
Power factor:	0,86	0,80	0,68			

Full load torque (FLT):	2	Nm			Pull out torque ratio:	3,1	MK/MN
Starting torque ratio:	3,3	MA/MN			Pull up torque:	2,5	MS/MN
Starting current ratio:	7,7	IA/IN			Rotor inertia WK2:	0,0013	kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: