

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: **Cast Iron**

Motor type: **WP-DF100LTF IE3 4p 3,0kW**
Motor item number:

50 HZ data	Rated power:	3		kW	60 HZ data		3,45		kW
	Poles(Synch speed):	4p (1500)		r.p.m			4p (1800)		r.p.m
	Full load speed:	1460		r.p.m			1755		r.p.m
	Voltage:	230	/	400			265	/	460
	Frequency:	50		Hz			60		Hz
	Connection:	Δ	/	Y			Δ	/	Y
	Amps full load (FLA):	11,6	/	6,7			11,5	/	6,6
	Amps no-load (NLA):			A					A

Enclosure:	IP55		Cable entries size:	2 x M20	
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:	28x60	mm
Max. temp. rise:	80	°C	Weight:	29,5	kg
Duty type:	S1		Painting:	Manufacturer standard	
Cooling form:	IC411 (TEFC)		Color:	RAL 5021	
Bearing DE			Box position:	Top DE	
Bearing NDE			Cable entry towards:	Right	
Grease:	Esso Unirex N3		Cable type:	N/A	
Regreasing facilities:	NO		Balance grade:	Normal	

Efficiency class:				Sound pressure (1m):	54 dB(A)
Load data:	100%	75%	50%	Resistance R20:	1,23 PH
Efficiency:	87,7	87,7	85,8		
Power factor:	0,74	0,63	0,50		

Full load torque (FLT):	20	Nm	Pull out torque ratio:	3,8	MK/MN
Starting torque ratio:	3,7	MA/MN	Pull up torque:	3,2	MS/MN
Starting current ratio:	8,1	IA/IN	Rotor inertia WK2:	0,0121	kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: