

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: **Cast Iron**

Motor type: **WP-DF90LWX IE3 4P 1,5KW**
Motor item number:

Rated power:	1,5	kW	1,73	kW
Poles(Synch speed):	4p (1500)	r.p.m	4p (1800)	r.p.m
Full load speed:	1440	r.p.m	1740	r.p.m
Voltage:	230 / 400	V	265 / 460	V
Frequency:	50	Hz	60	Hz
Connection:	Δ / Y		Δ / Y	
Amps full load (FLA):	6,3 / 3,6	A	6,1 / 3,5	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.:	°C	Shaft extension:	24x50 mm
Max. temp. rise:	80 °C	Weight:	35 kg
Duty type:	S1	Painting:	Manufacturer standard
Cooling form:	IC411 (TEFC)	Color:	RAL 5021
Bearing DE	6205 ZZ C3	Box position:	Top DE
Bearing NDE	6203 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):	48 dB(A)
Load data:	100% 75% 50%	Resistance R20:	2,52 PH
Efficiency:	85,3 85,3 83,2		
Power factor:	0,70 0,58 0,46		

Full load torque (FLT):	10 Nm	Pull out torque ratio:	4,7 MK/MN
Starting torque ratio:	4,2 MA/MN	Pull up torque:	4,1 MS/MN
Starting current ratio:	7,4 IA/IN	Rotor inertia WK2:	0,0042 kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: