

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: **Cast Iron**

Motor type:

WP-UDF315LP IE3 2P 200KW

Motor item number:

Rated power:	200	kW	230 kW
Poles(Synch speed):	2p (3000)	r.p.m	2p (3600) r.p.m
Full load speed:	2977	r.p.m	3580 r.p.m
Voltage:	400 / 690	V	460 V
Frequency:	50	Hz	60 Hz
Connection:	Δ / Y		Δ
Amps full load (FLA):	328 / 190	A	328 A
Amps no-load (NLA):		A	A

Enclosure:	IP55	Cable entries size:	2 x M63 + 1 x M20
Mounting:		Winding protection:	3x PTC 160 °C
Insulation Class:	F	Max. Altitude:	1000 m.a.s.l.
Max. ambient temp.:	+40 °C	Heater:	NO
Min. ambient temp.:	-20 °C	Shaft extension:	65x140 mm
Max. temp. rise:	80 °C	Weight:	1300 kg
Duty type:	S1	Painting:	Manufacturer standard
Cooling form:	IC411 (TEFC)	Color:	RAL 5021 Argus
Bearing DE	6316 C3	Box position:	Top DE
Bearing NDE	6316 C3	Cable entry towards:	Right
Grease:	NSK EA6	Cable type:	ZYRAD500 50 mm^2
Regreasing facilities:	YES	Balance grade:	Normal

Efficiency class:	IE3
Load data:	100% 75% 50%
Efficiency:	95,8 95,8 95,3
Power factor:	0,92 0,90 0,86

Sound pressure (1m): **80 dB(A)**
Resistance R20: **0,015 PH**

Full load torque (FLT):	642 Nm	Pull out torque ratio:	2,9 MK/MN
Starting torque ratio:	2,1 MA/MN	Pull up torque:	1,6 MS/MN
Starting current ratio:	7,9 IA/IN	Rotor inertia WK2:	2,23 kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: