

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: **Cast Iron**

Motor type: **WP-UDF315LN IE3 4P 200KW Shaft 90 mm**
 Motor item number:

Rated power: 200 kW		230 kW	
Poles(Synch speed):	4p (1500) r.p.m	4p (1800) r.p.m	
Full load speed:	1488 r.p.m	1786 r.p.m	
Voltage:	400 / 690 V	460 V	
Frequency:	50 Hz	60 Hz	
Connection:	Δ / Y	Δ	
Amps full load (FLA):	334 / 194 A	333 A	
Amps no-load (NLA):	A	A	

Enclosure:	IP55	Cable entries size:	2 x M63 + 1 x M20
Mounting:		Winding protection:	3xPTC160
Insulation Class:	F	Max. Altitude:	1000 m.a.s.l.
Max. ambient temp.:	40 °C	Heater:	no
Min. ambient temp.:	-20 °C	Shaft extension:	90x170 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	UL319	Box position:	Top DE
Bearing NDE	6319 C3	Cable entry towards:	Right
Grease:	NSK EA6	Cable type:	ZYRAD500 50mm2
Regreasing facilities:	YES	Balance grade:	Normal

Efficiency class:	IE3	Sound pressure (1m):	73 dB(A)
Load data:	100% 75% 50%	Resistance R20:	0,019 PH
Efficiency:	96 96 95,9		
Power factor:	0,90 0,86 0,79		

Full load torque (FLT):	1284 Nm	Pull out torque ratio:	2,6 MK/MN
Starting torque ratio:	2,3 MA/MN	Pull up torque:	1,9 MS/MN
Starting current ratio:	7,6 IA/IN	Rotor inertia WK2:	5,5 kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: