

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: **Cast Iron**

WP-UDF200LN IE3 6P 22kW

Motor item number:

Rated power:	22	kW	50 HZ data	25,3	kW	60 HZ data
Poles(Synch speed):	6p (1000)	r.p.m		6p (1200)	r.p.m	
Full load speed:	980	r.p.m		1180	r.p.m	
Voltage:	400 / 690	V		460	V	
Frequency:	50	Hz		60	Hz	
Connection:	Δ / Y			Y		
Amps full load (FLA):	43 / 25	A		43,2	A	
Amps no-load (NLA):		A			A	

Enclosure:	IP55	Cable entries size:	2xM32 + 1xM20
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:	55x110 mm
Max. temp. rise:	80 °C	Weight:	270 kg
Duty type:	S1	Painting:	Manufacturer standard
Cooling form:	IC411 (TEFC)	Color:	RAL 5021 Argus
Bearing DE	6313 C3	Box position:	Top DE
Bearing NDE	6313 C3	Cable entry towards:	Right
Grease:	NSK EA6	Cable type:	EXAR 500 4 mm ²
Regreasing facilities:	YES	Balance grade:	Normal

Efficiency class:	IE3	Sound pressure (1m):	62 dB(A)
Load data:	100% 75% 50%	Resistance R20:	0,32 PH
Efficiency:	92,2 92,2 91,7		
Power factor:	0,79 0,73 0,63		

Full load torque (FLT):	214 Nm	Pull out torque ratio:	2,3 MK/MN
Starting torque ratio:	2,0 MA/MN	Pull up torque:	2,2 MS/MN
Starting current ratio:	6,8 IA/IN	Rotor inertia WK2:	kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: