BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: Cast Iron

Motor type: WP-UDF200LNX IE3 4P 30kW
Motor item number:

	50 HZ data				60 HZ data	
Rated power:		30	kW			kW
Poles(Synch speed):		4p (1500)	r.p.m			r.p.m
Full load speed:		1470	r.p.m			r.p.m
Voltage:	400 /	690	V			V
Frequency:		50	Hz			Hz
Connection:	Δ /	Y				
Amps full load (FLA):	54 /	31	A			A
Amps no-load (NLA):			A			A

Enclosure:	IP55		Cable entries size:	2xM32 + 1xM20
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:	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	6312	C3	Box position:	Top DE
Bearing NDE	6312	C3	Cable entry towards:	Right
Grease:	NSK EA6		Cable type:	EXAR 500 6mm2
Regreasing facilities:	YES		Balance grade:	Normal

Efficiency class:	IE3		
Load data:	100%	75%	50%
Efficiency:	93,6	93,6	93
Power factor:	0,86	0,83	0,75

Sound pressure (1m):	65 dB(A)
Resistance R20:	0,26 PH

Full load torque (FLT):	195	Nm	Pull out torque ratio:	3,2	MK/MN
Starting torque ratio:	2,3	MA/MN	Pull up torque:	1,9	MS/MN
Starting current ratio:	7,5	IA/IN	Rotor inertia WK2:	0,31	kgm^2

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

Hazardous classification:		Temp. Class:	
		t_E time:	sek
Certificate number:			

Special remarks: