BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: Cast Iron

Motor type: WSP-UDF315SJ-4 110KW 400/690V IE4

Motor item number:

	50 HZ data				60 HZ data
Rated power:			110	kW	kW
Poles(Synch speed):			4p (1500)	r.p.m	r.p.m
Full load speed:			1485	r.p.m	r.p.m
Voltage:	400	/	690	V	V
Frequency:			50	Hz	Hz
Connection:	Δ	/	Y		
Amps full load (FLA):	191	/	111	A	A

Enclosure:	IP55		Cable entries size:	2xM62 + 1xM20
Mounting:			Winding protection:	3xPTC160
Insulation Class:	F		Max. Altitude:	1000 m.a.s.l.
Max. ambient temp.:	40 °C		Heater:	N/A
Min. ambient temp.:	-20 °C		Shaft extension:	80x170 mm
Max. temp. rise:	80 °C		Weight:	1000 kg
Duty type:	S1		Painting:	Manufacturer standard
Cooling form:	IC411 (TEFC)		Color:	RAL 5021
Bearing DE	6319	C3 FAG	Box position:	Top DE
Bearing NDE	6319	C3 FAG	Cable entry towards:	Right
Grease:	Esso Unirex N3		Cable type:	N/A
Regreasing facilities:	YES		Balance grade:	Normal

Efficiency class:	IE4		
Load data:	100%	Sound pressure (1m):	80 dB(A)
Efficiency:	96,3	Resistance PH R20:	0,031 Ω
Power factor:	0,86		

Full load torque (FLT):	707	Nm	Pull out torque ratio:	2,9 MK/MN
Starting torque ratio:	2,6	MA/MN		
Starting current ratio:	7,7	IA/IN		

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: