BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: Cast Iron

Motor type: WP-DF132MVX IE3 6p 5,5kW

Motor item number:

	50 HZ data				60 HZ data		
Rated power:		5,5		kW		6,3	kW
Poles(Synch speed):		6p (1000)		r.p.m		6p (1200)	r.p.m
Full load speed:		965		r.p.m		1160	r.p.m
Voltage:	400	/	690	V		460	V
Frequency:		50		Hz		60	Hz
Connection:	Δ	/	Y			Δ	
Amps full load (FLA):	13,3	/	7,7	A		12,4	A
Amps no-load (NLA):				A			A

Enclosure:	IP55		Cable entries size:	2 x M25
Mounting:	IM B3 (IM 1001)		Winding protection:	NO
Insulation Class:	F		Max. Altitude:	1000 m.a.s.l.
Max. ambient temp.:	+40	°C	Heater:	NO
Min. ambient temp.:	-20	°C	Shaft extension:	38x80 mm
Max. temp. rise:	80	°C	Weight:	82,6 kg
Duty type:	S1		Painting:	Manufacturer standard
Cooling form:	IC411 (TEFC)		Color:	RAL 5021
Bearing DE			Box position:	Top DE
Bearing NDE			Cable entry towards:	Right
Grease:	Esso Unirex N3		Cable type:	N/A
Regreasing facilities:	NO		Balance grade:	Normal

Efficiency class:	IE3		
Load data:	100%	75%	50%
Efficiency:	88	87	84
Power factor:	0,68	0,53	0,42

Sound pressure (1m):	58 dB(A)
Resistance R20:	1,6 PH

Full load torque (FLT):	54	Nm	Pull out torque ratio:	3,0	MK/MN
Starting torque ratio:	2,6	MA/MN	Pull up torque:	1,9	MS/MN
Starting current ratio:	6,5	IA/IN	Rotor inertia WK2:	0,041	kgm^2

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: