

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: **Cast Iron**

a company of



Motor type: **WU-DF132STX-D IE2 4P 5,5 kW B5**
Motor item number: **132W327510T**

Rated power:	5,5 kW		60 HZ data	kW
Poles(Synch speed):	4p (1500) r.p.m		50 HZ data	r.p.m
Full load speed:	1460 r.p.m		60 HZ data	r.p.m
Voltage:	400 / 690	V	50 HZ data	V
Frequency:	50 Hz		60 HZ data	Hz
Connection:	Δ / Y		50 HZ data	A
Amps full load (FLA):	11,1 / 6,4	A	60 HZ data	A
Amps no-load (NLA):	A			

Enclosure:	IP55	Cable entries size:	2 x CM25
Mounting:	IM B5 (IM 3001)	Winding protection:	
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 K	Weight:	kg
Duty type:	S1	Painting:	Argus
Cooling form:	IC411 (TEFC)	Color:	RAL 5021
Bearing DE	6208 ZZ C3	Box position:	Top DE
Bearing NDE	6305 ZZ C3	Cable entry towards:	Right
Grease:	Lithium or Polyurea Base	Cable type:	N/A
Regreasing facilities:	NO	Balance grade:	Normal

Efficiency class:	IE2	Sound pressure (1m):	59 dB(A)
Load data:	100% 75% 50%	Resistance R20:	1,7 PH
Efficiency:	87,7 88 87,2		
Power factor:	0,82 0,74 0,63		

Full load torque (FLT):	36,0 Nm	Pull out torque ratio:	3,0 MK/MN
Starting torque ratio:	2,4 MA/MN	Pull up torque:	2,3 MS/MN
Starting current ratio:	7,1 IA/IN	Rotor inertia WK2:	0,03 kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: