

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: **Cast Iron flameproof**

www.tamel.pl

Produced by **Tamel S.A.** a company of



Motor type: **W-EF132SF 2P 5,5kW Ex d**
Motor item number:

50 HZ data	Rated power:	5,5 kW	60 HZ data	Rated power:	6,3 kW
	Poles(Synch speed):	2p (3000) r.p.m		Poles(Synch speed):	2p (3600) r.p.m
	Full load speed:	2910 r.p.m		Full load speed:	3490 r.p.m
	Voltage:	380-415 / 660-720 V		Voltage:	440-480 V
	Frequency:	50 Hz		Frequency:	60 Hz
	Connection:	Δ / Y		Connection:	Y / Δ
	Amps full load (FLA):	10,6-10,1 / 6,1-5,8 A		Amps full load (FLA):	10,6-10,1 A
	Amps no-load (NLA):	3,4 A		Amps no-load (NLA):	

Enclosure:	IP55	Cable entries size:	1x25MM
Mounting:		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:	96 kg
Duty type:	S1	Painting:	Manufacturer standard
Cooling form:	IC411 (TEFC)	Color:	RAL 5021
Bearing DE	6308 ZZ C3	Box position:	Right Center
Bearing NDE	6305 ZZ C3	Cable entry towards:	NDE
Grease:	Esso Unirex N3	Cable type:	N/A
Regreasing facilities:	NO	Balance grade:	Normal

Efficiency class:		Sound pressure (1m):	71 dB(A)
Load data:	100% 75% 50%	Resistance R20:	2,00 PH
Efficiency:	87 87 86		
Power factor:	0,89 0,86 0,77		

Full load torque (FLT):	18,05 Nm	Pull out torque ratio:	3,3 MK/MN
Starting torque ratio:	2,4 MA/MN	Pull up torque:	2,2 MS/MN
Starting current ratio:	6,5 IA/IN	Rotor inertia WK2:	0,013 kgm ²

Special remarks:
PTC 150 °C

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

Hazardous classification: Ex db eb IIB	Temp. Class: T4
Certificate number: Baseefa02ATEX0020X	t _E time: sek

Special remarks:
