

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-EF132MR 6P 5,5kW Ex d**
Motor item number:

50 HZ data	Rated power:	5,5 kW	60 HZ data	6,3 kW
	Poles(Synch speed):	6p (1000) r.p.m		6p (1200) r.p.m
	Full load speed:	960 r.p.m		1150 r.p.m
	Voltage:	380-415 / 660-720 V		440-480 V
	Frequency:	50 Hz		60 Hz
	Connection:	Δ / Y		Δ / Y
	Amps full load (FLA):	13,4-12,7 / 7,7-7,3 A		13,4-12,7 A
	Amps no-load (NLA):	6,3 / 3,65 A		

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):	58 dB(A)
Load data:	100% 75% 50%	Resistance R20:	2,1 PH
Efficiency:	86,5 86,5 85,5		
Power factor:	0,72 0,67 0,55		

Full load torque (FLT):	54,7 Nm	Pull out torque ratio:	2,6 MK/MN
Starting torque ratio:	2,1 MA/MN	Pull up torque:	1,6 MS/MN
Starting current ratio:	6,2 IA/IN	Rotor inertia WK2:	0,0326 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:
