

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: **Cast Iron**

Motor type: **WP-DF132SMX IE3 2P 7,5 KW**
Motor item number:

Rated power:	7,5	kW				8,6	kW
Poles(Synch speed):	2p (3000)	r.p.m				2p (3600)	r.p.m
Full load speed:	2930	r.p.m				3530	r.p.m
Voltage:	400 / 690	V				460	V
Frequency:	50	Hz				60	Hz
Connection:	Δ / Y					Δ	
Amps full load (FLA):	13,7 / 7,9	A				13,4	A
Amps no-load (NLA):		A					A

Enclosure:	IP55					Cable entries size:	2xCM25
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:	78,1 kg
Duty type:	S1					Painting:	Manufacturer standard
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:	Esso Unirex N3					Cable type:	N/A
Regreasing facilities:	NO					Balance grade:	Normal

Efficiency class:					Sound pressure (1m):	66 dB(A)
Load data:	100%	75%	50%		Resistance R20:	1,15 PH
Efficiency:	91	91,2	90,3			
Power factor:	0,87	0,81	0,70			

Full load torque (FLT):	24	Nm			Pull out torque ratio:	4,3	MK/MN
Starting torque ratio:	3,6	MA/MN			Pull up torque:	3,3	MS/MN
Starting current ratio:	9,6	IA/IN			Rotor inertia WK2:	0,018	kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: