

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: **Cast Iron**

Motor type: **WP-DF132MVX IE3 4P 7,5 KW**
Motor item number:

Rated power:	7,5	kW				8,6	kW
Poles(Synch speed):	4p (1500)	r.p.m				4p (1800)	r.p.m
Full load speed:	1450	r.p.m				1750	r.p.m
Voltage:	400 / 690	V				460	V
Frequency:	50	Hz				60	Hz
Connection:	Δ / Y					Δ	
Amps full load (FLA):	14,6 / 8,5	A				14,5	A
Amps no-load (NLA):		A					A

Enclosure:	IP55					Cable entries size:	2 x CM25
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	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:	IE3					Sound pressure (1m):	59 dB(A)
Load data:	100%	75%	50%			Resistance R20:	1,33 PH
Efficiency:	90,4	91,3	90,4				
Power factor:	0,82	0,73	0,60				

Full load torque (FLT):	49	Nm				Pull out torque ratio:	3,4	MK/MN
Starting torque ratio:	3,2	MA/MN				Pull up torque:	2,6	MS/MN
Starting current ratio:	7,6	IA/IN				Rotor inertia WK2:	0,033	kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: