

BROOK CROMPTON

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: **Cast Iron**

www.tamel.pl

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



Motor type: **WU-DF250MNE 8P 30,0kW**
Motor item number:

50 HZ data	Rated power:	30 kW		60 HZ data		kW
	Poles(Synch speed):	8p (750) r.p.m				r.p.m
	Full load speed:	735 r.p.m				r.p.m
	Voltage:	400	/ 690 V			V
	Frequency:	50 Hz				Hz
	Connection:	Δ	/ Y			
	Amps full load (FLA):	65	/ 37,7 A			A
	Amps no-load (NLA):	A				

Enclosure:	IP55		Cable entries size:	2 x CM50 + 1 x CM20	
Mounting:			Winding protection:	3xPTC160°C	
Insulation Class:	F		Max. Altitude:	1000	m.a.s.l.
Max. ambient temp.:	+40	°C	Heater:	no	
Min. ambient temp.:	-20	°C	Shaft extension:	65x140	mm
Max. temp. rise:	80	K	Weight:	420	kg
Duty type:	S1		Painting:	Manufacturer standard	
Cooling form:	IC411 (TEFC)		Color:	RAL 5021	
Bearing DE	6316	C3	Box position:	Top DE	
Bearing NDE	6316	C3	Cable entry towards:	Right	
Grease:	Esso Unirex N3		Cable type:	N/A	
Regreasing facilities:	YES		Balance grade:	Reduced	

Efficiency class:				Sound pressure (1m):	62 dB(A)
Load data:	100%	75%	50%	Resistance R20:	TBA PH
Efficiency:	90	90	88		
Power factor:	0,74	0,67	0,55		

Full load torque (FLT):	390	Nm	Pull out torque ratio:	2,4	MK/MN
Starting torque ratio:	1,7	MA/MN	Pull up torque:	1,6	MS/MN
Starting current ratio:	6,0	IA/IN	Rotor inertia WK2:	1,47	kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: