

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:

Rated power:	30 kW			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: