

### Three-phase asynchronous motor

**MOTOR FRAME: Cast Iron flameproof**

[www.tamel.pl](http://www.tamel.pl)

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



**Motor type: WU-DF100LTF IE2 4P 3,0kW B3**  
**Motor item number: 100W247501T**

Rated power:	3 kW			50 HZ data	60 HZ data	3 kW
Poles(Synch speed):	4p (1500) r.p.m					r.p.m
Full load speed:	1455 r.p.m					r.p.m
Voltage:	230	/	400			V
Frequency:	50 Hz					Hz
Connection:	Δ	/	Y			
Amps full load (FLA):	11,9	/	6,8			A
Amps no-load (NLA):	A					A

Enclosure:	IP55		Cable entries size:	2 x CM20	
Mounting:	IM B3 (IM 1001)		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:	28X60	mm
Max. temp. rise:	80	K	Weight:	41,8	kg
Duty type:	S1		Painting:	Argus	
Cooling form:	IC411 (TEFC)		Color:	RAL 5021	
Bearing DE	6206	ZZ C3	Box position:		
Bearing NDE	6205	ZZ C3	Cable entry towards:		
Grease:	Lithium or Polyurea base		Cable type:	N/A	
Regreasing facilities:	NO		Balance grade:	Normal	

Efficiency class:				Sound pressure (1m):	54 dB(A)
Load data:	100%	75%	50%	Resistance R20:	1,23 PH
Efficiency:	85,5	83,5	82,6		
Power factor:	0,74	0,62	0,49		

Full load torque (FLT):	19,7	Nm	Pull out torque ratio:	4,0	MK/MN
Starting torque ratio:	3,9	MA/MN	Pull up torque:	2,8	MS/MN
Starting current ratio:	8,5	IA/IN	Rotor inertia WK2:	0,0118	kgm <sup>2</sup>

Special remarks:

#### SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

Hazardous classification:	Temp. Class:	
Certificate number:	t <sub>E</sub> time:	sek

Special remarks: