

Three-phase asynchronous motor

MOTOR FRAME: Cast Iron flameproof

www.tamel.pl

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



Motor type: WU-DF100LTF-D IE2 4P 3,0kW B5
Motor item number: 100W247511T

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

Enclosure:	IP55								Cable entries size: 2 x CM20
Mounting:	IM B5 (IM 3001)								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: 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): 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: MS/MN
Starting current ratio:	8,5	IA/IN							Rotor inertia WK2: 0,0118 kgm²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

Hazardous classification:									Temp. Class:
Certificate number:									t_E time: sek

Special remarks: