

### Three-phase asynchronous motor

**MOTOR FRAME: Cast Iron**

a company of 

**Motor type: WU-DF90LSX-D IE2 2P 2,2kW B5**  
**Motor item number: 090W227211T**

Rated power:	2,2 kW			kW
Poles(Synch speed):	2p (3000) r.p.m			r.p.m
Full load speed:	2890 r.p.m			r.p.m
Voltage:	230	/	400	V
Frequency:	50 Hz			Hz
Connection:	$\Delta$	/	Y	
Amps full load (FLA):	8	/	4,6	A
Amps no-load (NLA):				A

Enclosure:	IP55		Cable entries size:	1 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:	24x50	mm
Max. temp. rise:	80	K	Weight:	kg	
Duty type:	S1		Painting:	Alkyd-Amin Resins Paint	
Cooling form:	IC411 (TEFC)		Color:	RAL 5021	
Bearing DE	6205	ZZ CM	Box position:	Top DE	
Bearing NDE	6203	ZZ CM	Cable entry towards:	Right	
Grease:	Lithium or Polyurea Base		Cable type:	N/A	
Regreasing facilities:	NO		Balance grade:	Normal	

Efficiency class:				Sound pressure (1m):	66 dB(A)
Load data:	100%	75%	50%	Resistance R20:	1,87 PH
Efficiency:	83,2	85,4	84,1		
Power factor:	0,82	0,72	0,58		

Full load torque (FLT):	7,3	Nm	Pull out torque ratio:	3,0	MK/MN
Starting torque ratio:	2,5	MA/MN	Pull up torque:	2,5	MS/MN
Starting current ratio:	7,3	IA/IN	Rotor inertia WK2:	0,0016	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: