

### Three-phase asynchronous motor

MOTOR FRAME: **Cast Iron**

a company of 

Motor type: **WU-DF112MM-D IE2 2P 4kW B5**  
Motor item number: **112W267310T**

50 HZ data	Rated power:	4 kW			60 HZ data	kW
	Poles(Synch speed):	2p (3000) r.p.m				r.p.m
	Full load speed:	2870 r.p.m				r.p.m
	Voltage:	400	/	690		V
	Frequency:	50 Hz				Hz
	Connection:	Δ	/	Y		
	Amps full load (FLA):	7,3	/	4,2		A
	Amps no-load (NLA):	A				A

Enclosure:	IP55	Cable entries size:	2 x CM25
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:	Top DE
Bearing NDE	6205 ZZ C3	Cable entry towards:	Right
Grease:	Lithium or Polyurea Base	Cable type:	N/A
Regreasing facilities:	NO	Balance grade:	Normal

Efficiency class:	IE2	Sound pressure (1m):	60 dB(A)
Load data:	100%    75%    50%	Resistance R20:	3,53 PH
Efficiency:	85,8    89,2    87,4		
Power factor:	0,91    0,88    0,81		

Full load torque (FLT):	13,3 Nm	Pull out torque ratio:	3,1 MK/MN
Starting torque ratio:	3,0 MA/MN	Pull up torque:	2,8 MS/MN
Starting current ratio:	7,8 IA/IN	Rotor inertia WK2:	0,0055 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: