

### Three-phase asynchronous motor

**MOTOR FRAME: Cast Iron**

a company of



**Motor type: WU-DF80MM-H IE2 2P 1,1kW B35**  
**Motor item number: 080W207321T**

<b>50 HZ data</b>	Rated power:	1,1 kW		<b>60 HZ data</b>	kW
	Poles(Synch speed):	2p (3000) r.p.m			r.p.m
	Full load speed:	2880 r.p.m			r.p.m
	Voltage:	230 / 400	V		V
	Frequency:	50 Hz			Hz
	Connection:	Δ / Y			
	Amps full load (FLA):	4,1 / 2,35	A		A
	Amps no-load (NLA):				A

Enclosure:	IP55	Cable entries size:	1 x CM20
Mounting:	IM B35 (IM 2001)	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:	19x40 mm
Max. temp. rise:	80 K	Weight:	kg
Duty type:	S1	Painting:	Argus
Cooling form:	IC411 (TEFC)	Color:	RAL 5021
Bearing DE	6204 ZZ CM	Box position:	Top NDE
Bearing NDE	6003 ZZ CM	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):	56 dB(A)
Load data:	100% 75% 50%	Resistance R20:	5,05 PH
Efficiency:	79,6 80,7 78,6		
Power factor:	0,84 0,77 0,65		

Full load torque (FLT):	3,6 Nm	Pull out torque ratio:	2,7 MK/MN
Starting torque ratio:	2,8 MA/MN	Pull up torque:	2,4 MS/MN
Starting current ratio:	6,7 IA/IN	Rotor inertia WK2:	0,0013 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: