

### Three-phase asynchronous motor

MOTOR FRAME: **Aluminium**

a company of



Motor type: **WU-DA80MS IE2 4P 0,75kW B3**  
 Motor item number: **080W207400T**

Rated power:	<b>0,75 kW</b>			<b>kW</b>
Poles(Synch speed):	<b>4p (1500) r.p.m</b>			<b>r.p.m</b>
Full load speed:	<b>1440 r.p.m</b>			<b>r.p.m</b>
Voltage:	<b>230</b>	<b>/</b>	<b>400</b>	<b>V</b>
Frequency:	<b>50 Hz</b>			<b>Hz</b>
Connection:	<b>Δ</b>	<b>/</b>	<b>Y</b>	
Amps full load (FLA):	<b>3,3</b>	<b>/</b>	<b>1,9</b>	<b>A</b>
Amps no-load (NLA):				<b>A</b>

Enclosure:	<b>IP55</b>		Cable entries size:	<b>1 x CM20</b>
Mounting:	<b>IM B3 (IM 1001)</b>		Winding protection:	
Insulation Class:	<b>F</b>		Max. Altitude:	<b>1000 m.a.s.l.</b>
Max. ambient temp.:	<b>+40</b>	<b>°C</b>	Heater:	<b>no</b>
Min. ambient temp.:	<b>-20</b>	<b>°C</b>	Shaft extension:	<b>19x40 mm</b>
Max. temp. rise:	<b>80</b>	<b>K</b>	Weight:	<b>9 kg</b>
Duty type:	<b>S1</b>		Painting:	<b>Alkyd-Amin Resins Paint</b>
Cooling form:	<b>IC411 (TEFC)</b>		Color:	<b>RAL 5021</b>
Bearing DE	<b>6204</b>	<b>ZZ CM</b>	Box position:	<b>Top NDE</b>
Bearing NDE	<b>6003</b>	<b>ZZ CM</b>	Cable entry towards:	<b>Right</b>
Grease:	<b>Lithium or Polyurea Base</b>		Cable type:	<b>N/A</b>
Regreasing facilities:	<b>NO</b>		Balance grade:	<b>Normal</b>

Efficiency class:	<b>IE2</b>			Sound pressure (1m):	<b>47 dB(A)</b>
Load data:	<b>100%</b>	<b>75%</b>	<b>50%</b>	Resistance R20:	<b>6,97 PH</b>
Efficiency:	<b>79,6</b>	<b>78,8</b>	<b>77,4</b>		
Power factor:	<b>0,72</b>	<b>0,62</b>	<b>0,49</b>		

Full load torque (FLT):	<b>5,0</b>	<b>Nm</b>	Pull out torque ratio:	<b>MK/MN</b>
Starting torque ratio:	<b>3,8</b>	<b>MA/MN</b>	Pull up torque:	<b>MS/MN</b>
Starting current ratio:	<b>6,8</b>	<b>IA/IN</b>	Rotor inertia WK2:	<b>0,0019 kgm<sup>2</sup></b>

Special remarks:

#### SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: