

### Three-phase asynchronous motor

**MOTOR FRAME: Cast Iron**

a company of



**Motor type: WU-DF160MM IE2 6P 7,5 kW B3**  
**Motor item number: 160W417700T**

<b>50 HZ data</b>	Rated power:	7,5 kW			<b>60 HZ data</b>	kW
	Poles(Synch speed):	6p (1000) r.p.m				r.p.m
	Full load speed:	975 r.p.m				r.p.m
	Voltage:	400	/	690 V		V
	Frequency:	50 Hz				Hz
	Connection:	Δ	/	Y		
	Amps full load (FLA):	16,6	/	9,6 A		A
	Amps no-load (NLA):	A				

Enclosure:	IP55	Cable entries size:	2 x CM32
Mounting:	IM B3 (IM 1001)	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:	42x110 mm
Max. temp. rise:	80 K	Weight:	121 kg
Duty type:	S1	Painting:	Argus
Cooling form:	IC411 (TEFC)	Color:	RAL 5021
Bearing DE	6309 ZZ C3	Box position:	Top DE
Bearing NDE	6307 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):	59 dB(A)
Load data:	100%    75%    50%	Resistance R20:	1,1 PH
Efficiency:	87,2    88,1    86,2		
Power factor:	0,75    0,67    0,56		

Full load torque (FLT):	73,5 Nm	Pull out torque ratio:	2,8 MK/MN
Starting torque ratio:	1,8 MA/MN	Pull up torque:	1,7 MS/MN
Starting current ratio:	6,5 IA/IN	Rotor inertia WK2:	0,1 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: