

### Three-phase asynchronous motor

MOTOR FRAME: **Aluminium**

a company of 

Motor type: **WU-DA160MJ IE2 2P 15kW B3**  
Motor item number: **160W417201T**

Rated power:	15 kW			60 HZ data	kW
Poles(Synch speed):	2p (3000) r.p.m			50 HZ data	r.p.m
Full load speed:	2940 r.p.m			60 HZ data	r.p.m
Voltage:	400	/	690 V	50 HZ data	V
Frequency:	50 Hz			60 HZ data	Hz
Connection:	$\Delta$	/	Y	50 HZ data	A
Amps full load (FLA):	26,6	/	15,4 A	60 HZ data	A
Amps no-load (NLA):	A			50 HZ data	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:	84 kg
Duty type:	S1	Painting:	Alkyd-Amin Resins Paint
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):	68 dB(A)
Load data:	100%    75%    50%	Resistance R20:	0,65 PH
Efficiency:	90,3    89,8    88,8		
Power factor:	0,90    0,86    0,79		

Full load torque (FLT):	48,7 Nm	Pull out torque ratio:	3,1 MK/MN
Starting torque ratio:	2,2 MA/MN	Pull up torque:	1,9 MS/MN
Starting current ratio:	8,0 IA/IN	Rotor inertia WK2:	0,045 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: