

### Three-phase asynchronous motor

MOTOR FRAME: **Aluminium**

a company of 

Motor type: **WU-DA160LR IE2 2P 18,5kW B3**  
Motor item number: **160W417202T**

Rated power:	18,5 kW			kW
Poles(Synch speed):	2p (3000) r.p.m			r.p.m
Full load speed:	2930 r.p.m			r.p.m
Voltage:	400	/	690	V
Frequency:	50 Hz			Hz
Connection:	$\Delta$	/	Y	
Amps full load (FLA):	32,5	/	18,8	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:	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:	0,46 PH
Efficiency:	90,9	90,6	89,8		
Power factor:	0,90	0,86	0,80		

Full load torque (FLT):	60,3	Nm	Pull out torque ratio:	3,2	MK/MN
Starting torque ratio:	2,4	MA/MN	Pull up torque:	1,9	MS/MN
Starting current ratio:	8,7	IA/IN	Rotor inertia WK2:	0,056	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: