

### Three-phase asynchronous motor

MOTOR FRAME: **Aluminium**

a company of



Motor type: **WU-DA160LR-H IE2 4P 15kW B35**  
Motor item number: **160W417421T**

Rated power:	15 kW			60 HZ data	kW
Poles(Synch speed):	4p (1500) r.p.m				r.p.m
Full load speed:	1460 r.p.m				r.p.m
Voltage:	400	/	690		V
Frequency:	50 Hz				Hz
Connection:	$\Delta$	/	Y		
Amps full load (FLA):	28	/	16,2		A
Amps no-load (NLA):					A

Enclosure:	IP55		Cable entries size:	2 x CM32	
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:	42x110	mm
Max. temp. rise:	80	K	Weight:	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):	63 dB(A)
Load data:	100%	75%	50%	Resistance R20:	0,63 PH
Efficiency:	90,6	91,8	91,6		
Power factor:	0,85	0,81	0,71		

Full load torque (FLT):	98,1	Nm	Pull out torque ratio:	2,9	MK/MN
Starting torque ratio:	2,5	MA/MN	Pull up torque:	2,0	MS/MN
Starting current ratio:	7,7	IA/IN	Rotor inertia WK2:	0,084	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: