

Three-phase asynchronous motor

MOTOR FRAME: **Cast Iron**

a company of 

Motor type: **TWU-DF180LJ-H IE2 4P 22kW B35**
Motor item number: **180W477521T**

Rated power:	22 kW			kW
Poles(Synch speed):	4p (1500) r.p.m			r.p.m
Full load speed:	1470 r.p.m			r.p.m
Voltage:	400	/	690 V	V
Frequency:	50 Hz			Hz
Connection:	Δ	/	Y	
Amps full load (FLA):	41	/	23,7 A	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:	48x110 mm
Max. temp. rise:	80 K	Weight:	kg
Duty type:	S1	Painting:	Argus
Cooling form:	IC411 (TEFC)	Color:	RAL 5021
Bearing DE	6310 ZZ C3	Box position:	Top DE
Bearing NDE	6308 ZZ C3	Cable entry towards:	Right
Grease:	Lithium or Polyurea Base	Cable type:	N/A
Regreasing facilities:	NO	Balance grade:	Normal

Efficiency class:		Sound pressure (1m):	62 dB(A)
Load data:	100% 75% 50%	Resistance R20:	0,36 PH
Efficiency:	91,6 92,1 91,6		
Power factor:	0,86 0,83 0,71		

Full load torque (FLT):	142,9 Nm	Pull out torque ratio:	2,9 MK/MN
Starting torque ratio:	2,6 MA/MN	Pull up torque:	2,0 MS/MN
Starting current ratio:	7,6 IA/IN	Rotor inertia WK2:	0,19 kgm²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

Hazardous classification:	Temp. Class:
Certificate number:	t _E time: sek

Special remarks: