

Three-phase asynchronous motor

MOTOR FRAME: Aluminium

Motor type: WU-DA160MM 5,5kW 400/690V B3
Motor item number: 160W002294T

Performance figures are subject to IEC tolerances.

50 HZ data	Rated power:	5,5	kW	60 HZ data	7,5	HP
	Poles(Synch speed):	8p (750)	r.p.m		8p (900)	r.p.m
	Full load speed:	725	r.p.m		875	r.p.m
	Voltage:	400 / 690	V		460	V
	Frequency:	50	Hz		60	Hz
	Connection:	Δ / Y			Δ	
	Amps full load (FLA):	13,9 / 8,1	A		13,4	A

Enclosure:	IP65	Cable entries size:	2XCM32
Mounting:	IM B3 (IM 1001)	Winding protection:	3XPTC160
Insulation Class:	F	Max. Altitude a.s.l.:	1000 m
Max. ambient temp.:	40 °C	Heater:	NO
Min. ambient temp.:	-20 °C	Shaft extension:	42X110 mm
Max. temp. rise:	80 K	Weight:	83 kg
Duty type:	S1	Painting:	Standard C3
Cooling form:	IC411 (TEFC)	Color:	RAL 9010
Bearing DE	6309 ZZ C3	Box position:	Top DE
Bearing NDE	6307 ZZ C3	Cable entry towards:	Right
Grease:	NSK EA6	Cable type:	NA
Regreasing facilities:	NO	Balance grade:	Normal

Efficiency class:	IE2 / IE2	Sound pressure (1m):	53 dB(A)
Load data:	100%50H: / 100%60Hz	Resistance PH R20:	2,1 Ω
Efficiency:	83,8 / 85,5		
Power factor:	0,68 / 0,69		

Full load torque (FLT):	72,5 / 69,0 Nm	Pull out torque ratio:	2,1 / 2,0 MK/MN
Starting torque ratio:	1,8 / 1,7 MA/MN		
Starting current ratio:	5,1 / 5,1 IA/IN	Rotor inertia WK2:	0,11 kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks:
