

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: Cast Iron flameproof

Motor type: W-EF160MJD 11KW 2P 12,5KW 400V 50HZ B35
Motor item number: 160E000390T

50 HZ data	Rated power:	12,5	kW	60 HZ data		kW
	Poles(Synch speed):	2p (3000)	r.p.m			r.p.m
	Full load speed:	2940	r.p.m			r.p.m
	Voltage:	400	V			V
	Frequency:	50	Hz			Hz
	Connection:	Y				
	Amps full load (FLA):	23,3	A			A

Enclosure:	IP56	Cable entries size:	1xcm32+2xcm20
Mounting:	IM V15	Winding protection:	3xPTC140
Insulation Class:	F	Max. Altitude a.s.l.:	1000 m
Max. ambient temp.:	40 °C	Heater:	2x20W 240V
Min. ambient temp.:	-20 °C	Shaft extension:	42x110 mm
Max. temp. rise:	80 °C	Weight:	140 kg
Duty type:	S1	Painting:	Standard
Cooling form:	IC411 (TEFC)	Color:	RAL 5021
Bearing DE	6309 ZZ C3	Box position:	Right Center
Bearing NDE	6308 ZZ C3	Cable entry towards:	NDE
Grease:	NSK EA6	Cable type:	N/A
Regreasing facilities:	NO	Balance grade:	Normal

Efficiency class:	Not applicable	Sound pressure (1m):	73 dB(A)
Load data:	100%	Resistance PH R20:	0,21 Ω
Efficiency:	90		
Power factor:	0,86		

Full load torque (FLT):	41 Nm	Pull out torque ratio:	3,4 MK/MN
Starting torque ratio:	2,2 MA/MN		
Starting current ratio:	8,1 IA/IN		

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

Hazardous classification: Ex II 2G Exde IIB	Temp. Class: T4
Certificate number: BASEEFA02ATEX0022X	

Special remarks:
