

## THREE-PHASE-ASYNCHRONOUS-MOTOR ACA 63 B 2 /HE

IE2AC06B2000

### General data

Type of motor	3~
Type designation	ACA
Frame size	63
Mounting	B3
Frame material	Aluminium
Insulationclass	F/B
Terminal box location	top DE
Terminal box orientation	cable gland to the right side
Weight (kg)	5.3
Rotation Direction	right /left
Vibration level	A
Balancing method	half key
cooling type	IC411
Executed acc. to	IEC 60034-1
noise level	IEC 60034-9

### Influential factors

Duty	S1
Ambient temperature (°C)	-20 up to +40
Height of location (m)	1000

### Electrical specification

Power 1 50Hz (kW)	0.25
Power 1 60Hz (kW)	0.25
Frequency (Hz)	50/60
Voltage 50Hz (V)	230/400
Voltage 60Hz (V)	265/460
Voltage tolerance	+/-10%
Connection	Δ/Y
Poles	2
Efficiency 100% 50Hz (%)	64,8
Efficiency 75% 50Hz (%)	64,8
Efficiency 50% 50Hz (%)	63,5
Efficiency 100% 60Hz (%)	68
Efficiency 75% 60Hz (%)	64,8
Efficiency 50% 60Hz (%)	63,5
Power factor	0,81
Starting current factor (Ia/In)	5,5
Starting torque factor (Ma/Mn)	2,2
Breakdown torque (Mk/Mn)	2,2
Rated current 50Hz (A)	1,20/0,69
Rated current 60Hz (A)	0,99/0,58
Eff.Cl.50Hz	IE2
Eff.Cl.60Hz	IE2

### Mechanical data

Torque (Nm)	0,88/0,73
Rotation speed (1/min)	2725/3270
Bearing DE	6201.ZZ.C3
Bearing NDE	6201.ZZ.C3
Mounting of bearing DE	loose bearing
Mounting of bearing NDE	loose bearing
Bearing lifetime (h)	20000
allow. Radial load (X/2)	300
allow. Radial load (X0)	325
allow. Radial load (Xmax)	275
allow. Axial load	250
allow. Axial load (V1)	235

### Motor properties

Color	RAL7030
Paint surface	shiny
Protection class	IP55
Cable gland size (cable connection)	1xM20x1,5 1xblind plug
Cable gland type	Standard
Shaft end (mm)	11 x 23
Shaft material	C45
Specification NDE	Plastic fan