

THREE-PHASE-ASYNCHRONOUS-MOTOR AOA 132 SA 2 /SPE

IE4OG13SA201

General data

Type of motor	3~
Type designation	AOA
Frame size	132
Mounting	B3
Frame execution	S
Frame material	Aluminium
Insulationclass	F/B
Terminal box location	top DE
Terminal box orientation	cable gland to the right side
Weight (kg)	47
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)	5.5
Power 1 60Hz (kW)	5.5
Frequency (Hz)	50/60
Voltage 50Hz (V)	400/690
Voltage 60Hz (V)	460/-
Voltage/Frequency tolerance (not valid for range voltage)	+/-10%
Connection	Δ/Y
Poles	2
Efficiency 100% 50Hz (%)	90,9
Efficiency 75% 50Hz (%)	91,46
Efficiency 50% 50Hz (%)	90,8
Efficiency 100% 60Hz (%)	90,2
Efficiency 75% 60Hz (%)	90,7
Efficiency 50% 60Hz (%)	90,4
Power factor	0,85
Starting current factor	7,8
Starting torque factor	2,9
Tilting moment factor	3,8
Rated current 50Hz (A)	10,30/5,95
Rated current 60Hz (A)	10,40
Eff.Cl.50Hz	IE4

Electrical specification

Eff.Cl.60Hz	IE4
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Mechanical data

Torque (Nm)	17,93/14,95
Rotation speed (1/min)	2930/3515
Bearing DE	6208.ZZ.C3
Bearing NDE	6208.ZZ.C3
Mounting of bearing DE	loose bearing
Mounting of bearing NDE	loose bearing
Bearing lifetime	20000

Motor properties

Color	RAL7030
Paint surface	shiny
Protection class	IP55
Cable gland size (cable connection)	1xM32x1,5 1xblind plug
Cable gland size (option)	M16x1,5
Cable gland type	Standard
Shaft end	38 x 80
Shaft material	C45
Specification NDE	Plastic fan

Additional option

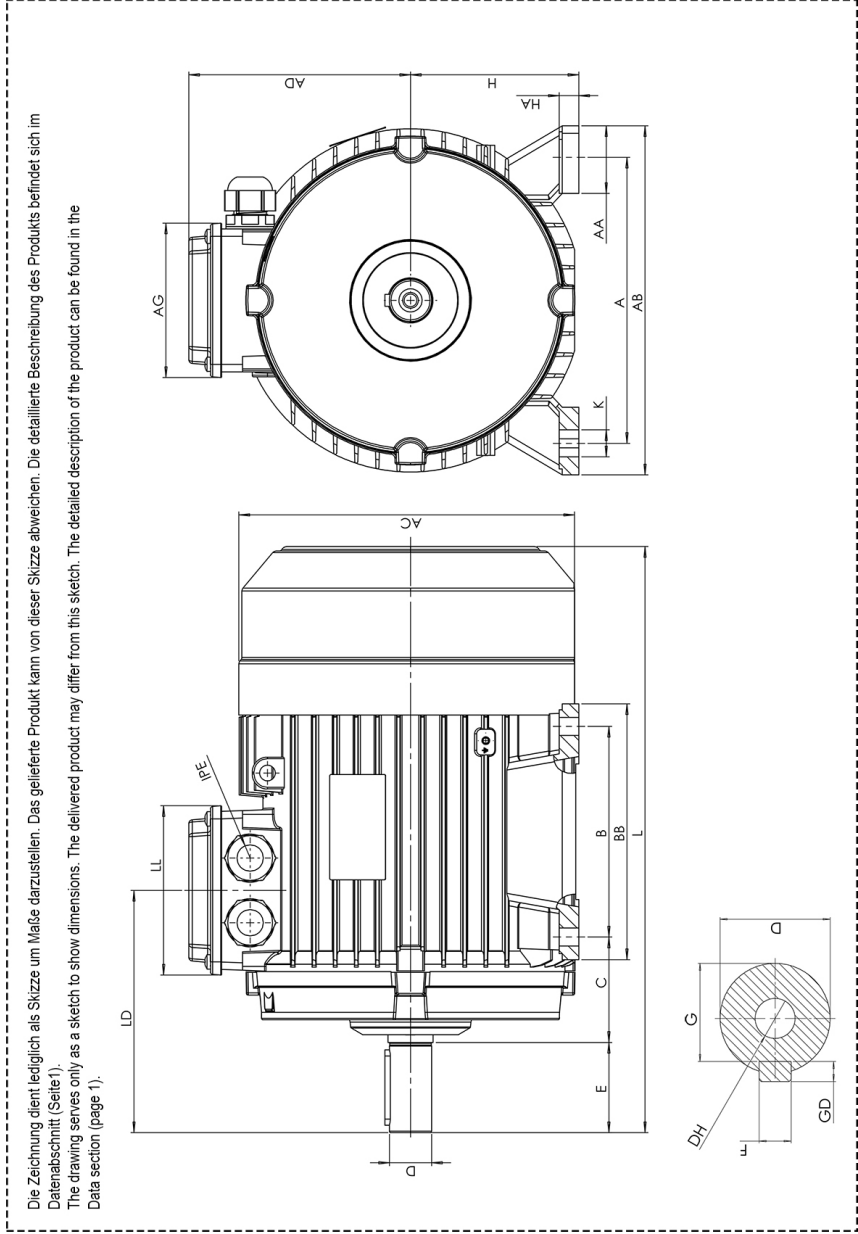
Protection winding	PTC 150°C
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Dimension drawings

Three-Phase-Asynchronous-

Motor AOA 132 SA 2 /SPE

IE40G13SA201



A	AA	AB	AC	AD	AG	B	BB	C	D	E	H	HA	K	L	LB	LD	LL	F	G	DH	GD
216	50	274	264	180,5	137	140	175	89	38	80	132	15	18	429	349	202	139	10	33	M12	8