THREE-PHASE-ASYNCHRONOUS-MOTOR AOA 132 S 4 /PHE

IE3OG13S4008

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)	45
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	4
Efficiency 100% 50Hz (%)	89,6
Efficiency 75% 50Hz (%)	90,5
Efficiency 50% 50Hz (%)	90,4
Efficiency 100% 60Hz (%)	91,7
Efficiency 75% 60Hz (%)	92,8
Efficiency 50% 60Hz (%)	92,6
Power factor	0,78
Starting current factor	6,6
Starting torque factor	2,7
Tilting moment factor	3,1
Rated current 50Hz (A)	11,3/6,60
Rated current 60Hz (A)	9,60/0,00
Eff.Cl.50Hz	IE3

Electrical specification

Eff.Cl.60Hz	IE3

Mechanical data

Torque (Nm)	36,10/30,11
Rotation speed (1/min)	1455/1745
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
allow. Radial load (X0)	2000
allow. Radial load (Xmax)	1580
Moment of inertia	0,0279

Motor properties

Color	RAL7030
Paint surface	shiny
Protection class	IP55
Cable gland size (cable connection)	2xM32x1,5
Cable gland size (option)	M20x1,5
Cable gland type	Standard
Shaft end	38 x 80
Shaft material	C45
Specification NDE	Plastic fan

Additional option

Protection winding	PTC 150°C
Condensate draining hole	✓
Condensate draining hole sealing screw	✓

Dimension drawings

Three-Phase-Asynchronous-Motor AOA 132 S 4 /PHE

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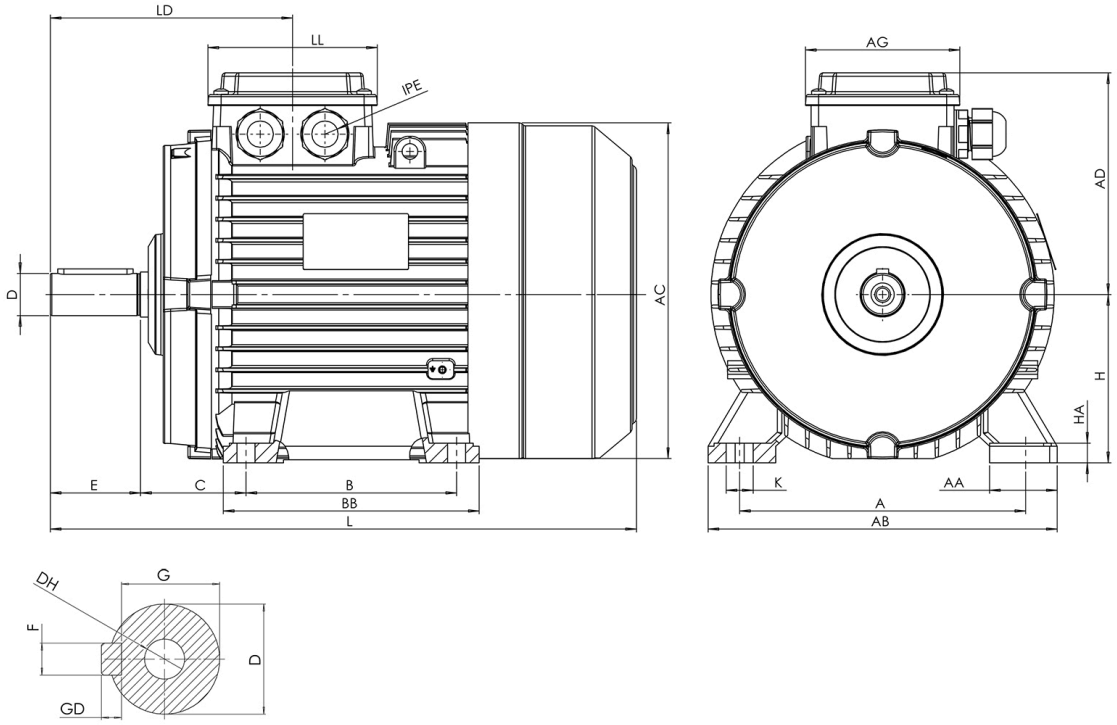
Die Zeichnung dient lediglich als Skizze um Maße darzustellen. Das gelieferte Produkt kann von dieser Skizze abweichen. Die detaillierte Beschreibung des Produkts befindet sich im Datenabschnitt (Seite1).
The drawing serves only as a sketch to show dimensions. The delivered product may differ from this sketch. The detailed description of the product can be found in the Data section (page 1).



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