



DATA SHEET

Customer:	
Ref.:	
Order:	
Motor:	
Serial nr:	
Date:	13-02-2020

ASYNCHRONOUS MOTOR 3SIE n 112M-4

Nameplate data:

Code: 122564

Type:	3SIE n 112M-4			IP55	F/B	Amb. temp.: Max. 40°		
kW	Hz	V	A	Rpm	Cos	Eff.	Duty	IE.class
3,00	60	660 Y	3,77	1752	0,79	88,6%	S1	IE3

Description:

Mounting form:	B5
Bearing DE:	6306 2Z C3
Bearing NDE:	6306 2Z C3
Weight - Kg.:	40,2
Heater:	No Heater
PTC:	No PTC
Kgm ² :	0,0115
Sound press.-db(A):	58,0

Other:

Test data S1-duty, Amb.temp 40°C:

Voltage - V:	660
Frequency - Hz:	60
Power - kW:	4,00
Full load speed - Rpm:	1752
Full load current - A:	5,03
Full load power factor - Cos:	0,79
Locked rotor current - A:	37,3
Locked rotor factor - A _{st} /A _n :	7,4

Efficiency 100% load - %:	88,6%
Efficiency 75% load - %:	88,9%
Efficiency 50% load - %:	87,6%
Full load torque - Nm:	21,8
Locked rotor torque - Nm:	62,6
Locked rotor torque - Nm _{st} /Nm _n :	2,9
Max. Pull out torque - Nm:	87,6
Max. Pull out torque. - Nm _{st} /Nm _n :	4,0

Over load/speed test	kW	Hz	V	A	Rpm
Over load 160% - 15sec.	6,40	50	400	13,28	1460
Over speed 125% - 2 min.	4	63	400	8,30	1825
H-Pot test voltage: 1800V			Temp. rise in stator:		

The motor is produced in accordance with following harmonized standards:
IEC60034-1, IEC60034-2, IEC60034-5, IEC60034-6, IEC60034-7, IEC60034-8, IEC60034-9
IEC60034-12, IEC60034-14, IEC60034-30, IEC60072.

Additional specifications in accordance with:
RINA - GL - LRS - BV - DNV - ABS - KR - RR - CCS - CCC - RMRS.

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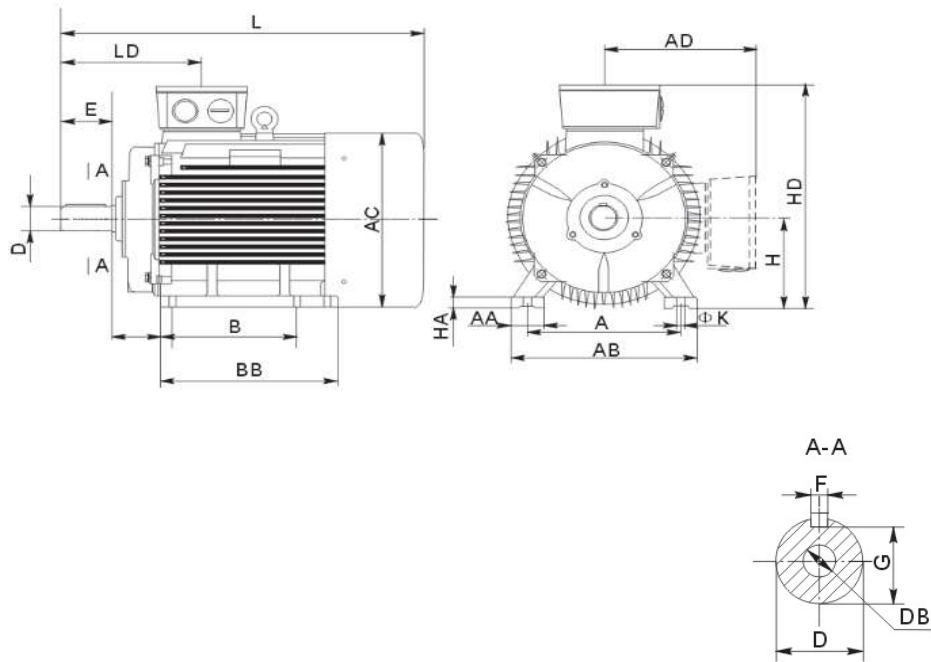
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**Foot mounted motor
3SIEn 112M-4 B3**



A: 190	HD: 276	E: 60
B: 140	C: 70	D: 28
AB: 230	H: 112	G: 0
AC: 241	K: 12	DB:
AD:	L: 416	F: 8
LD: 0	L (V1): 481	

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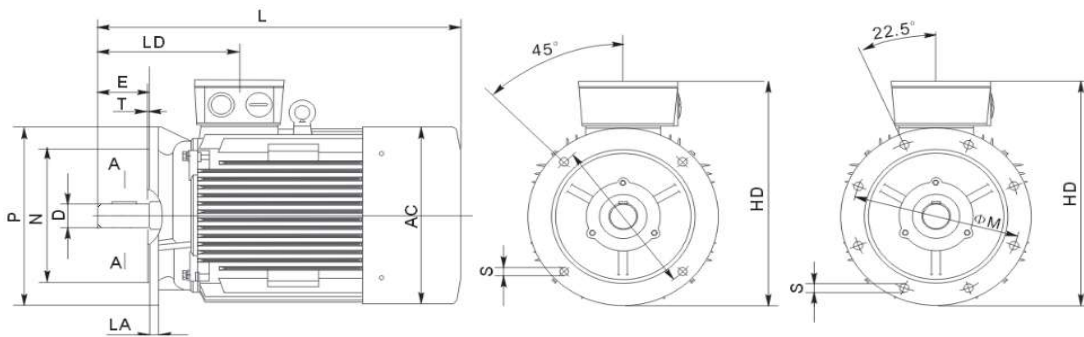
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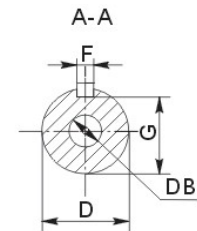
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Flange mounted motor 3SEn 112M-4 B5



IEC 56-200

IEC 225-400



M: 215	HD: 276	E: 60
N: 180	L: 416	D: 28
P: 250	L (V1): 481	G: 0
S: 15	LD: 0	DB:
		F: 8

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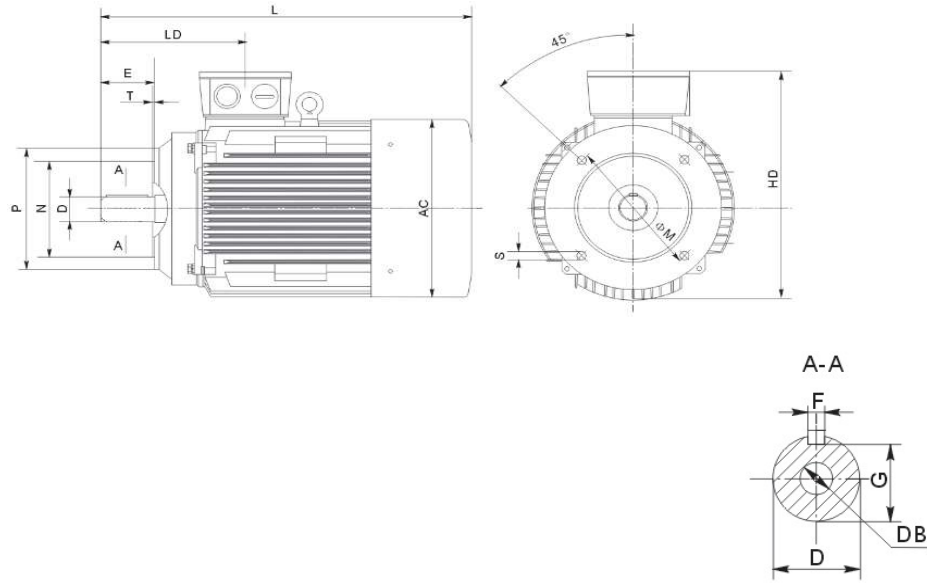
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**Flange mounted motor
3SIE n 112M-4 B14A + (B14B)**



Flange type:	B14A	B14B		
M:	130	165	HD:	276
N:	110	130	L:	416
P:	160	200	L (V1):	481
S:	M8	M10	LD:	0
			E:	60
			D:	28
			G:	0
			DB:	
			F:	8

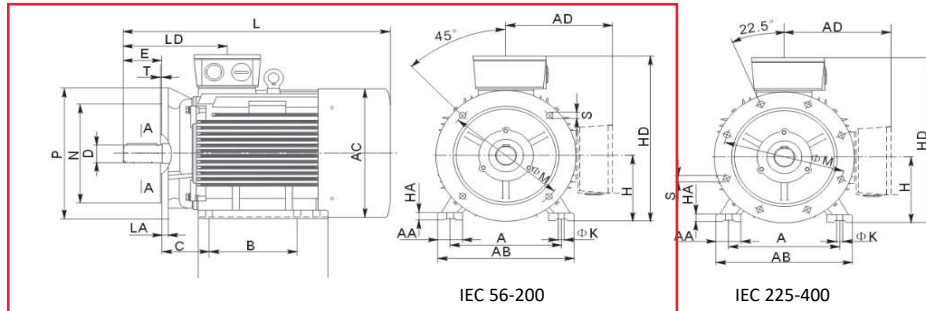
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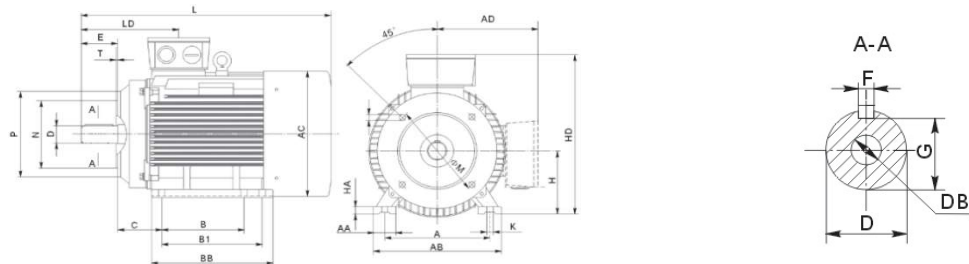
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Foot & flange mounted motor 3SIEn 112M-4 B3/B5



3SIEn 112M-4 B14A + (B14B)



Flange type: B5

M: 215
N: 180
P: 250
S: 15

A: 190
B: 140
AB: 230
AC: 241
AD:
LD: 0

B14A

M: 130
N: 110
P: 160
S: M8

HD: 276
C: 70
H: 112
K: 12
L: 416
L (V1): 481

(B14B)

M: 165
N: 130
P: 200
S: M10

E: 60
D: 28
G: 0
DB:
F: 8

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