



DATA SHEET

Customer:	
Ref.:	
Order:	
Motor:	
Serial nr.:	
Date:	5/8/2023

ASYNCHRONOUS MOTOR 3D3 90L-4

Nameplate data:

Code: N/A

Type:	3D3 90L-4			IP55	F/B	Amb. temp.: Max. 40°		
kW	Hz	V	A	Rpm	Cos	Eff.	Duty	IE.class
1.50	50	400D	3.30	1435	0.77	85.8%	S1	IE3
1.50	50	690 Y	1.91	1435	0.77	85.8%		
1.73	60	460 D	3.30	1722	0.77	85.8%		

Description:

Mounting form:	B3/B14
Bearing DE:	6205-2Z/C3
Bearing NDE:	6205-2Z/C3
Weight - Kg.:	30.5
Heater:	No Heater
PTC:	No PTC
Kgm ² :	0.0048
Sound press.-db(A):	59.0

Other:

Test data S1-duty, Amb.temp 40°C:

Voltage - V:	400
Frequency - Hz:	50
Power - kW:	1.50
Full load speed - Rpm:	1435
Full load current - A:	3.30
Full load power factor - Cos:	0.77
Locked rotor current - A:	23.1
Locked rotor factor - A_{st}/A_n :	7.0

Efficiency 100% load - %:	85.8%
Efficiency 75% load - %:	86.7%
Efficiency 50% load - %:	86.0%
Full load torque - Nm:	10.0
Locked rotor torque - Nm:	23.0
Locked rotor torque - Nm_{st}/Nm_n :	2.3
Max. Pull out torque - Nm:	23.0
Max. Pull out torque. - Nm_{st}/Nm_n :	2.3

Over load/speed test	kW	Hz	V	A	Rpm
Over load 160% - 15sec.	2.40	50	400	5.28	1435
Over speed 125% - 2 min.	1.5	63	400	3.30	1794
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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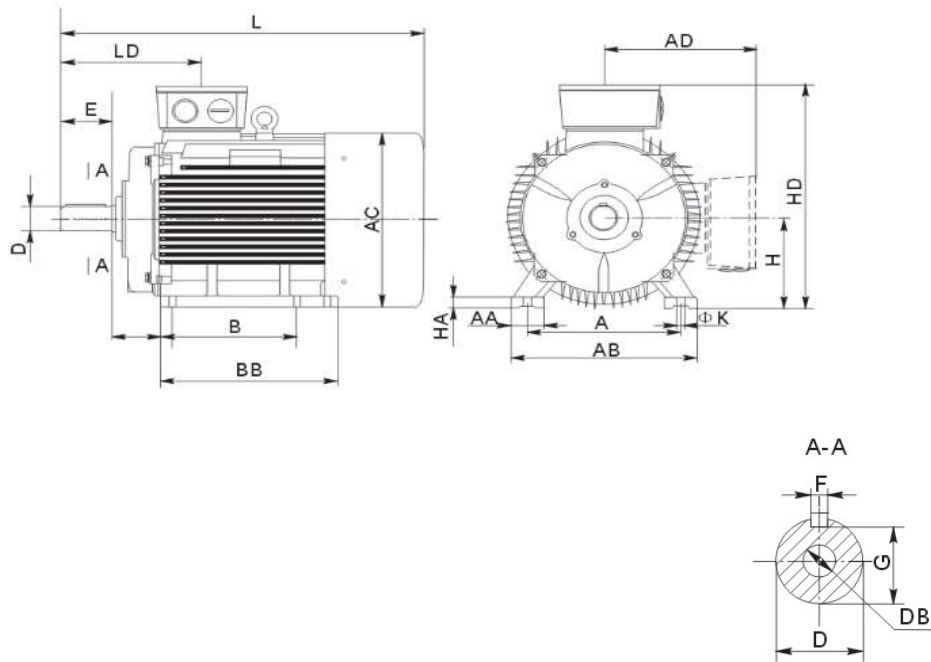
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**Foot mounted motor
3D3 90L-4 B3**



A: 140	HD: 265	E: 50
B: 125	C: 56	D: 24
AB: 180	H: 90	G: 20
AC: 190	K: 10	DB: M8
AD: 175	L: 378	F: 8
LD: 125	L (V1): 418	

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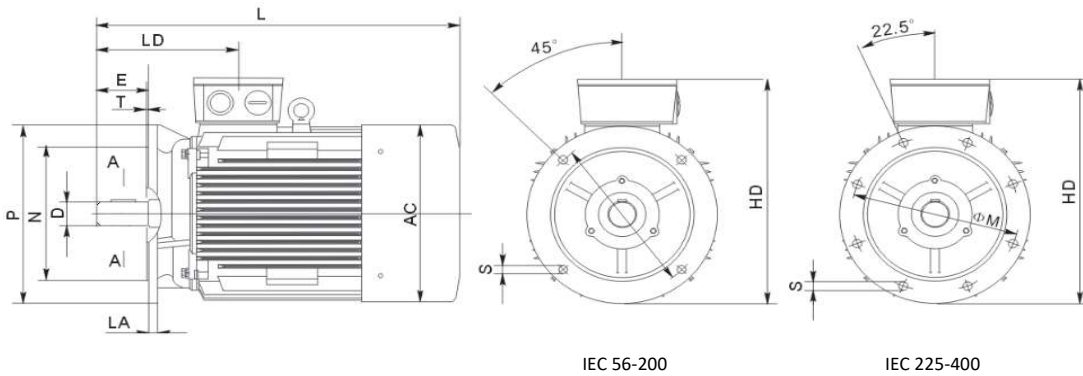
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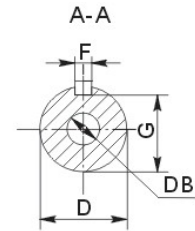
Customer:	
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Flange mounted motor 3D3 90L-4 B5



IEC 56-200

IEC 225-400



M: 165	HD: 265	E: 50
N: 130	L: 378	D: 24
P: 200	L (V1): 418	G: 20
S: 12	LD: 125	DB: M8
		F: 8

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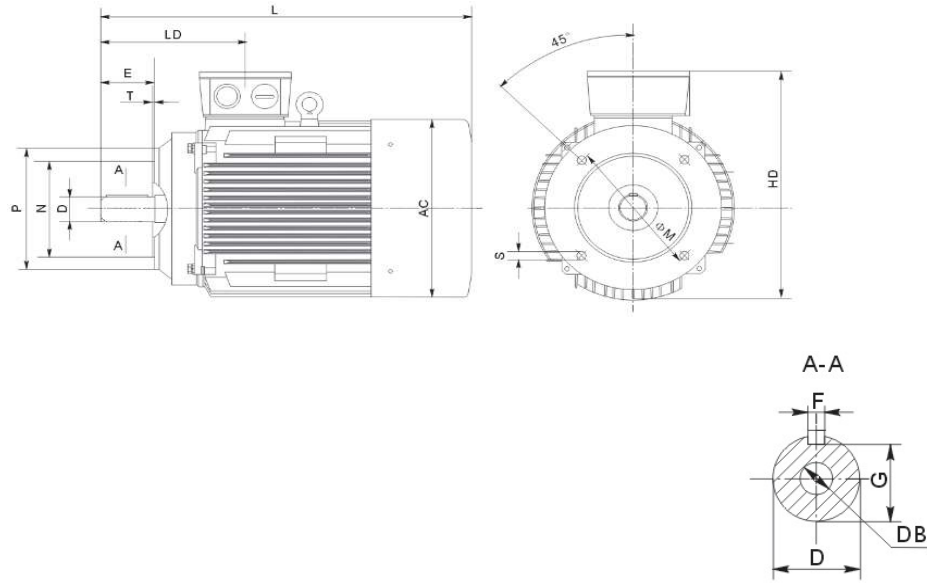
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**Flange mounted motor
3D3 90L-4 B14A + (B14B)**



Flange type:	B14A	B14B		
M:	115	130	HD:	265
N:	95	110	L:	378
P:	140	160	L (V1):	418
S:	M8	M8	LD:	125
			E:	50
			D:	24
			G:	20
			DB:	M8
			F:	8

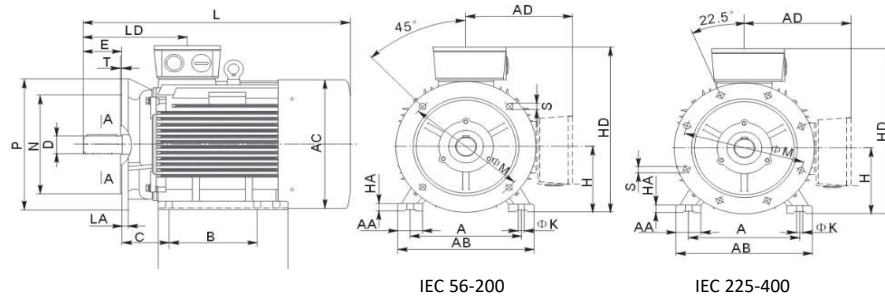
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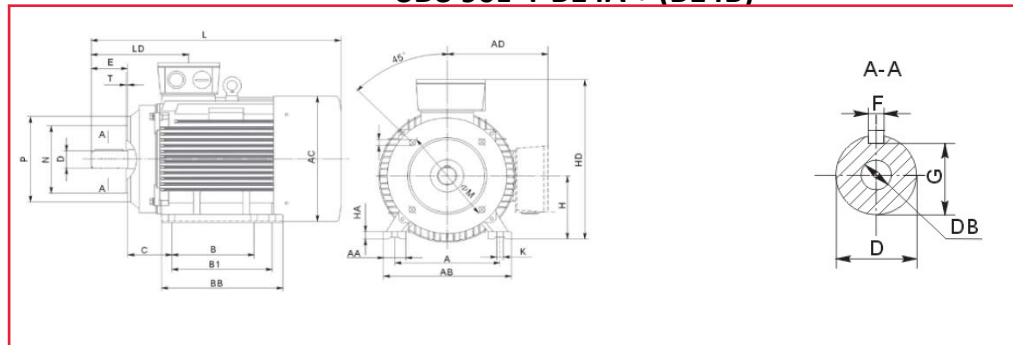
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Foot & flange mounted motor 3D3 90L-4 B3/B5



3D3 90L-4 B14A + (B14B)



Flange type: B5

M: 165
N: 130
P: 200
S: 12

A: 140
B: 125
AB: 180
AC: 190
AD: 175
LD: 125

B14A

M: 115
N: 95
P: 140
S: M8

HD: 265
C: 56
H: 90
K: 10
L: 378
L (V1): 418

(B14B)

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

E: 50
D: 24
G: 20
DB: M8
F: 8

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