

TECHNICAL DATASHEET

Asynchronous Motor 2SIE 80-4A

Customer:	
Ref:	
Order:	
Motor:	
Serial nr:	
Date:	2026-08-07

Nameplate Data:

Code: 127303

Type: 2SIE 80-4A					
kW	Hz	V	A	Rpm	Cos
0,55	50	230D	2,9	1400	0,61
0,55	50	400Y	1,7	1400	0,61
0,63	60	460Y	1,7	1680	0,61
Eff.(100%) 50Hz	Duty	IE-class S1	Amb.temp °C.	IP rating	Iso.class
77,1	S1	IE2	-20° - +40°C	IP55	F

Data duty S1, Amb.temp 40°C:

Voltage - V:	400	Mounting form:	B14A
Frequency - Hz:	50	Bearing DE:	6204 2Z
Power - kW:	0,55	Bearing NDE:	6204 2Z
Full load speed - rpm:	1400	Weight - kg:	8,4
Full load current - A:	1,7	Heater:	No
Full load power factor - Cos:	0,61	Th.Protection:	No
Locked rotor current - A:	6,9	Kgm²:	0,0016
Locked rotor factor - Ast/An:	4,1	Sound press.-db(A):	-
Efficiency 100% load - %:	77,1	Cooling:	IC411
Efficiency 75% load - %:	75,4	Braking Torque:	-
Efficiency 50% load - %:	71,0	Over load/speed test:	2000
Full load torque - Nm:	3,8	H-pot test voltage:	2000
Locked rotor torque - Nm:	11,6	Temp rise in stator:	F
Locked rotor torque - Nmst/Nmn:	3,1	Over load 160% - 15 sec	
Max. Pull out torque - Nm:	11,6	kW:	0,88
Max. Pull out torque. - Nmst/Nmn:	3,1	Hz:	50
Other:		V:	400
		A:	2,2
		Rpm:	1320
		Over speed 125% - 2 min	
		kW:	0,55
		Hz:	63
		V:	400
		A:	1,5
		Rpm:	1750

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, IEC60034-30-2, IEC60072.

Additional specifications in accordance with:

RINA - GL - LRS - BV - DNV - ABS - KR - RR - CCS - CCC - RMRS.

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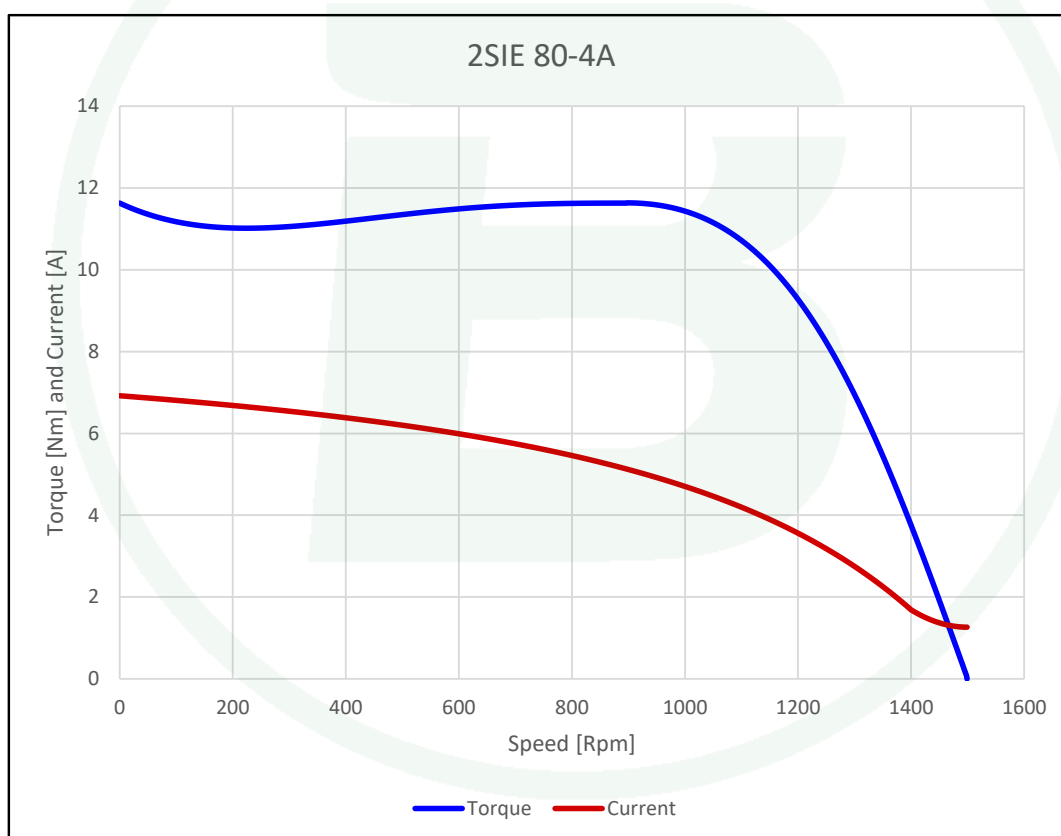
Motor data

Rated output [kW]	0,55	Full load torque [Nm]	3,8
Rated speed [r/min]	1400	Tstart / Tn	3,1
Rated current [A]	1,7	Tmax / Tn	3,1
Istart / In	4,1	Moment of inertia [kgm ²]	0,0016

Performance conditions

Voltage [V] at 100%	400	Frequenzy [Hz] at 100%	50
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Starting curves



Please note that the graphs shown above are the result of a computer simlaton.

They are not and do not provide any sort of guarantee or certainty regarding the performance of any individual motor in a real life scenario.

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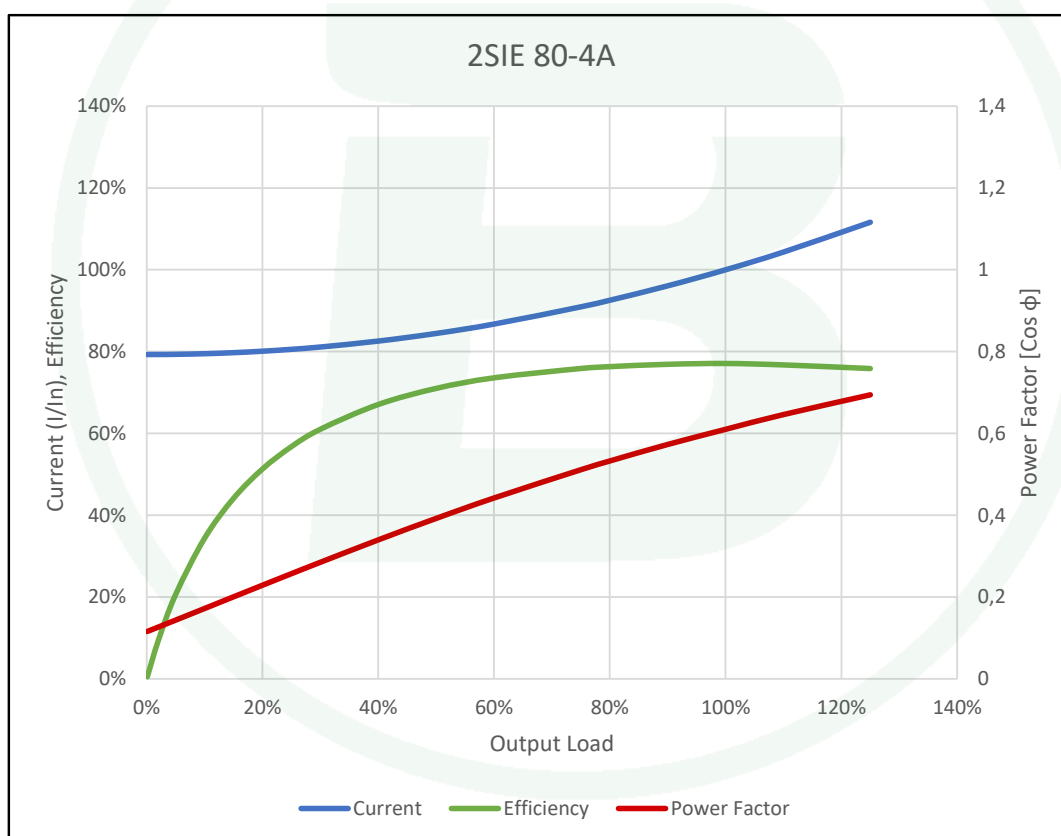
Motor data

Rated output [kW]	0,55	Power factor at P_n [Cos ϕ]	0,61
Rated speed [r/min]	1400	Efficiency at P_n	77,1
Rated current [A]	1,7		
I _{start} / I _n	4,1		

Performance conditions

Voltage [V] at 100%	400	Frequency [Hz] at 100%	50
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Load curves



Please note that the graphs shown above are the result of a computer simulation.

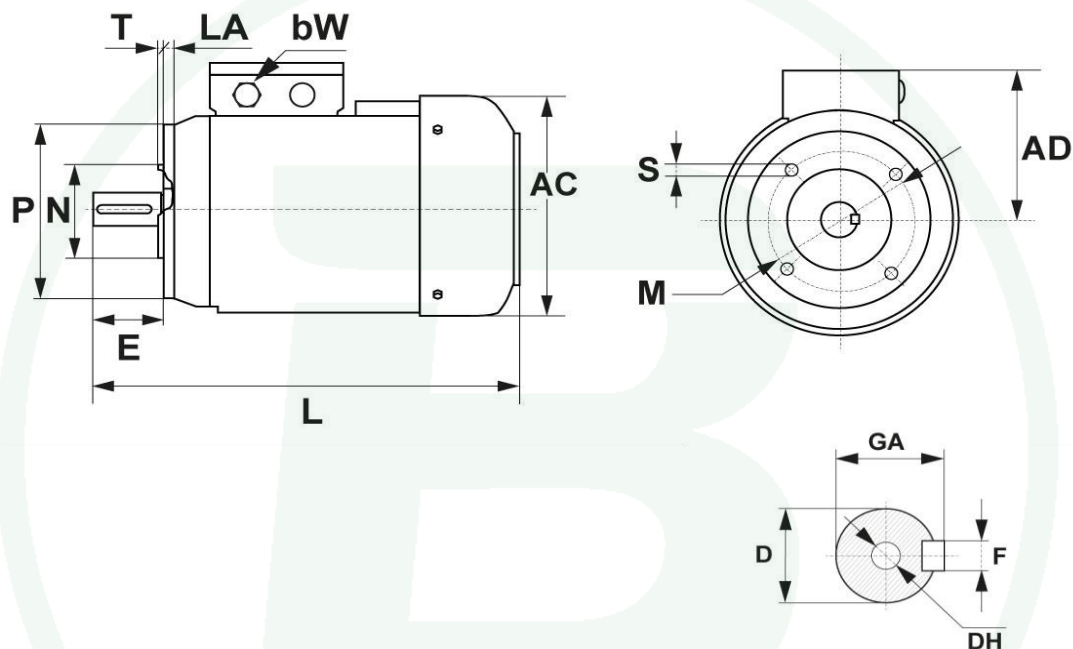
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Flange mounted motor 2SIE 80-4A B14A



Unit: mm

M: 100
N: 80
P: 120
S: M6

HD: 199
L: 266
LD:

E: 40
D: 19
GA: 21,5
DB: M6x16
F: 6

AD: 404