

TECHNICAL DATASHEET

Asynchronous Motor 2SIE 71-2B

Customer:	
Ref:	
Order:	
Motor:	
Serial nr:	
Date:	2026-03-18

Nameplate Data:

Code: 127278

Type: 2SIE 71-2B					
kW	Hz	V	A	Rpm	Cos
0,55	50	230D	2,5	2820	0,73
0,55	50	400Y	1,4	2820	0,73
0,63	60	460Y	1,4	3380	0,73
Eff.(100%) 50Hz	Duty	IE-class S1	Amb.temp °C.	IP rating	Iso.class
75,0	S1	IE2	-20° - +40°C	IP55	F
Data duty S1, Amb.temp 40°C:					
Voltage - V:		400	Mounting form:		B5
Frequency - Hz:		50	Bearing DE:		6203 2Z
Power - kW:		0,55	Bearing NDE:		6203 2Z
Full load speed - rpm:		2820	Weight - kg:		6,3
Full load current - A:		1,4	Heater:		No
Full load power factor - Cos:		0,73	Th.Protection:		No
Locked rotor current - A:		6,8	Kgm²:		0,00053
Locked rotor factor - Ast/An:		4,7	Sound press.-db(A):		-
Efficiency 100% load - %:		75,0	Cooling:		IC411
Efficiency 75% load - %:		74,0	Braking Torque:		-
Efficiency 50% load - %:		70,0	Over load/speed test:		2000
Full load torque - Nm:		1,9	H-pot test voltage:		2000
Locked rotor torque - Nm:		5,6	Temp rise in stator:		F
Locked rotor torque - Nmst/Nmn:		3,0	Over load 160% - 15 sec		
Max. Pull out torque - Nm:		5,6	kW:		0,88
Max. Pull out torque. - Nmst/Nmn:		3,0	Hz:		50
Other:			V:		400
			A:		2,0
			Rpm:		2678
			Over speed 125% - 2 min		
			kW:		0,55
			Hz:		63
			V:		400
			A:		1,3
			Rpm:		3525

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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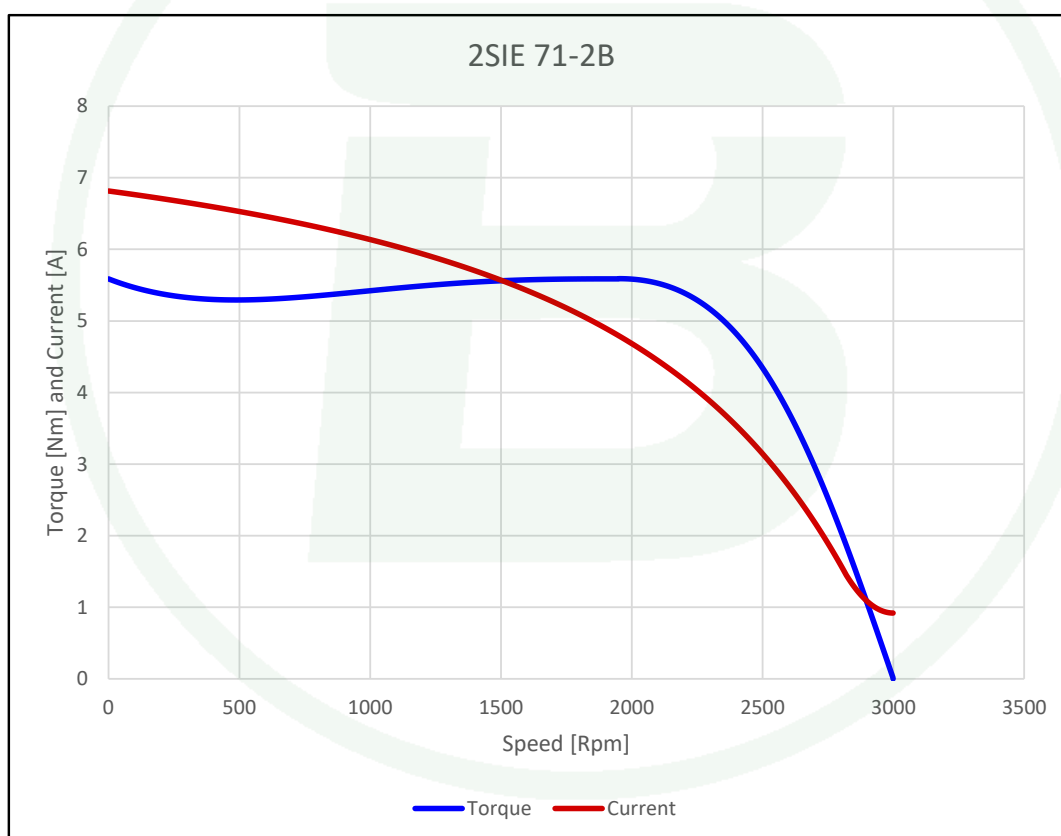
Motor data

Rated output [kW]	0,55	Full load torque [Nm]	1,9
Rated speed [r/min]	2820	Tstart / Tn	3,0
Rated current [A]	1,4	Tmax / Tn	3,0
Istart / In	4,7	Moment of inertia [kgm ²]	0,00053

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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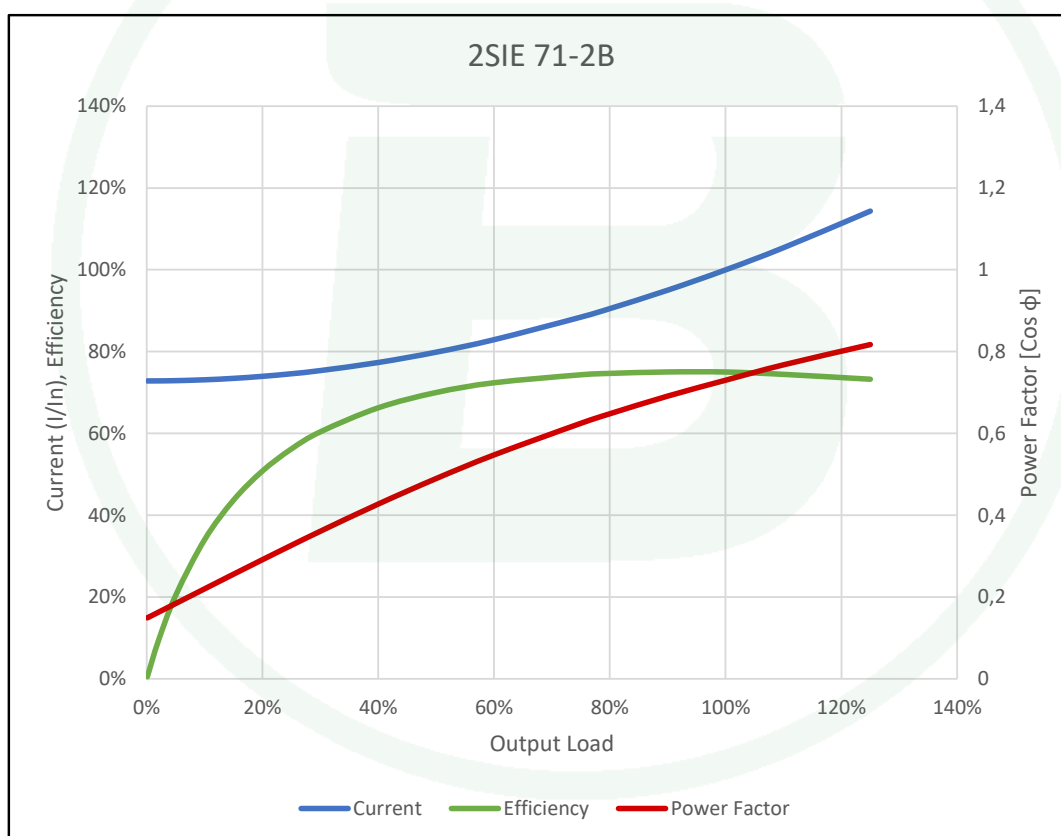
Motor data

Rated output [kW]	0,55	Power factor at P_n [Cos ϕ]	0,73
Rated speed [r/min]	2820	Efficiency at P_n	75
Rated current [A]	1,4		
I _{start} / I _n	4,7		

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.

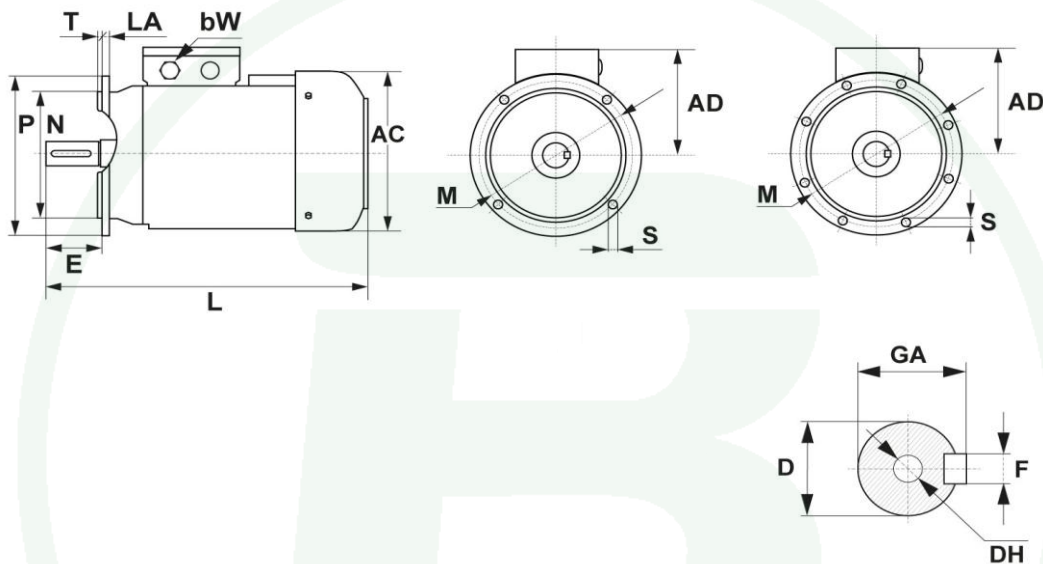
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Flange mounted motor 2SIE 71-2B B5



Unit: mm

M:	130	HD:	182	E:	30
N:	110	L:	245	D:	14
P:	160	LD:		GA:	16
S:	10			DB:	M5x12
Sp:	4			F:	5

AD: 404