

TECHNICAL DATASHEET

Asynchronous Motor 3SIE 160L-4

Customer:	
Ref:	
Order:	
Motor:	
Serial nr:	
Date:	2026-05-27

Nameplate Data:

Code: 131384

Type: 3SIE 160L-4					
kW	Hz	V	A	Rpm	Cos
15,0	50	400D	28,3	1475	0,83
15,0	50	690Y	16,4	1475	0,83
17,3	60	460D	28,3	1770	0,83
Eff.(100%) 50Hz	Duty	IE-class S1	Amb.temp °C.	IP rating	Iso.class
92,1	S1	IE3	-20° - +40°C	IP55	F
Data duty S1, Amb.temp 40°C:					
Voltage - V:		400	Mounting form:		B3
Frequency - Hz:		50	Bearing DE:		6309 2Z C3
Power - kW:		15,0	Bearing NDE:		6309 2Z C3
Full load speed - rpm:		1475	Weight - kg:		121
Full load current - A:		28,3	Heater:		No
Full load power factor - Cos:		0,83	Th.Protection:		PTC mounted
Locked rotor current - A:		224	Kgm²:		0,104
Locked rotor factor - Ast/An:		7,9	Sound press.-db(A):		61
Efficiency 100% load - %:		92,1	Cooling:		IC411
Efficiency 75% load - %:		92,5	Braking Torque:		-
Efficiency 50% load - %:		92,0	Over load/speed test:		2000
Full load torque - Nm:		97,1	H-pot test voltage:		2000
Locked rotor torque - Nm:		262	Temp rise in stator:		F
Locked rotor torque - Nmst/Nmn:		2,7	Over load 160% - 15 sec		
Max. Pull out torque - Nm:		311	kW:		24
Max. Pull out torque. - Nmst/Nmn:		3,2	Hz:		50
Other:			V:		400
			A:		42,8
			Rpm:		1458
			Over speed 125% - 2 min		
			kW:		15,0
			Hz:		63
			V:		400
			A:		26,9
			Rpm:		1844

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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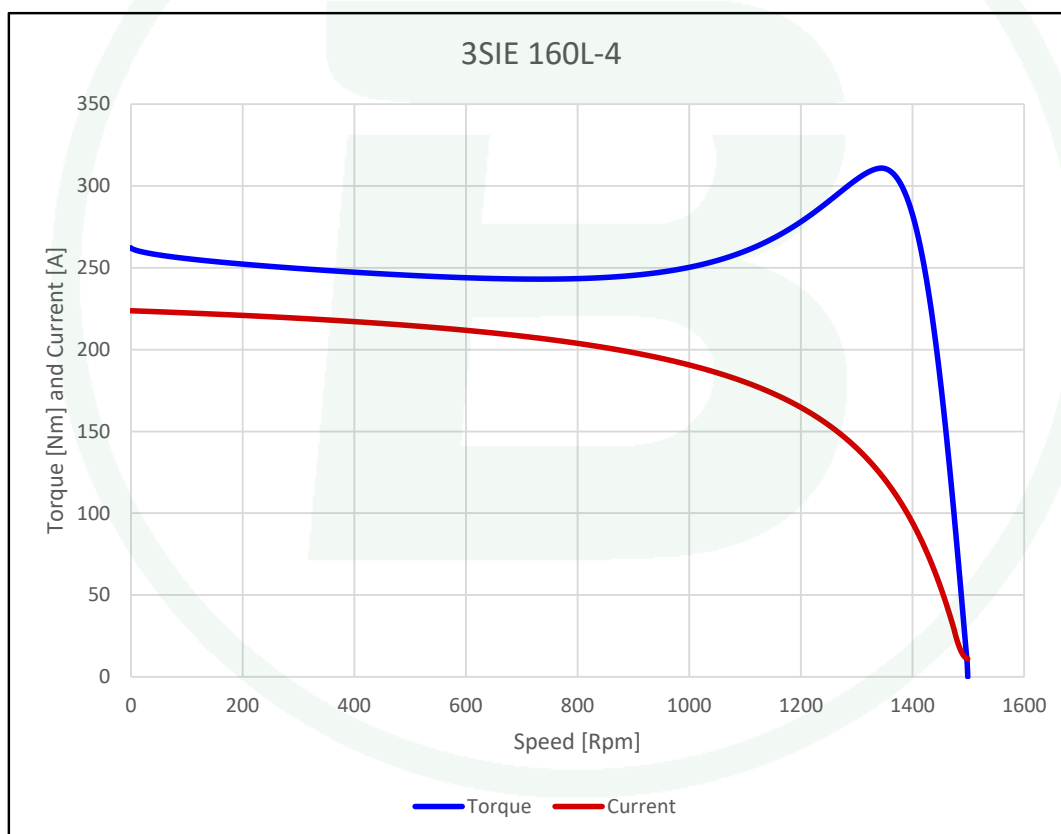
Motor data

Rated output [kW]	15,0	Full load torque [Nm]	97,1
Rated speed [r/min]	1475	Tstart / Tn	2,7
Rated current [A]	28,3	Tmax / Tn	3,2
Istart / In	7,9	Moment of inertia [kgm ²]	0,104

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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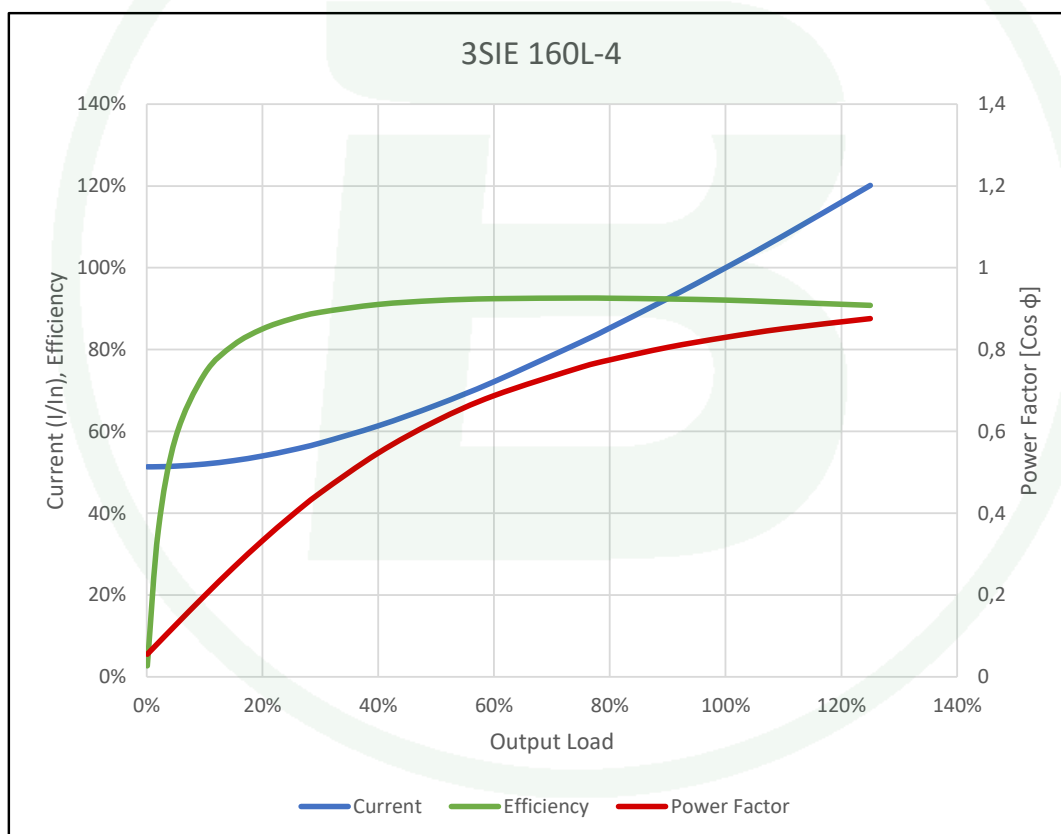
Motor data

Rated output [kW]	15,0	Power factor at P_n [Cos ϕ]	0,83
Rated speed [r/min]	1475	Efficiency at P_n	92,1
Rated current [A]	28,3		
I _{start} / I _n	7,9		

Performance conditions

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



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

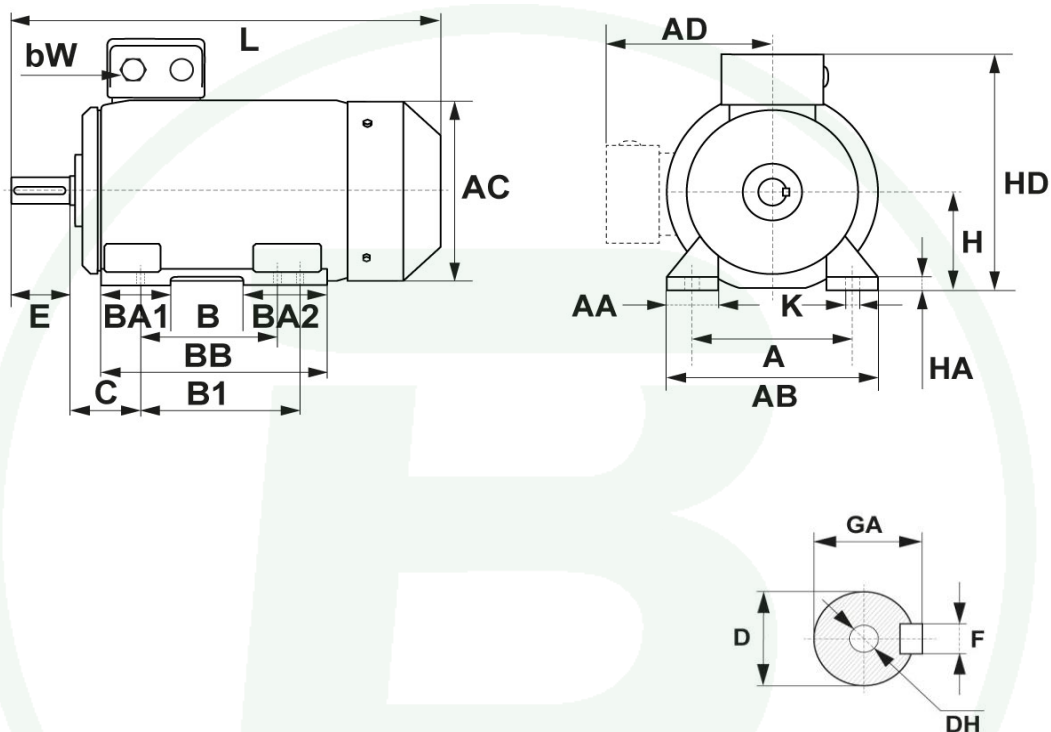
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Foot mounted motor 3SIE 160L-4 B3



Unit: mm

A:	254	HD:	383	E:	110
B:	210	C:	108	D:	42
B1:	254	H:	160	GA:	45
AB:	320	K:	15	DB:	M16x36
AC:	323	L:	643	F:	12
AD:					
LD:					

AD: 404