

SIMOTICS motors

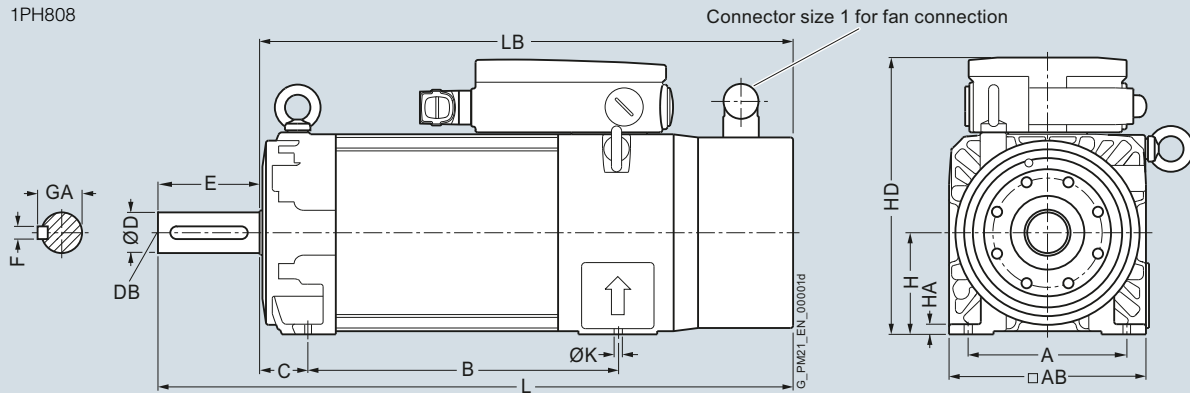
Dimensional drawings

SIMOTICS M-1PH8 asynchronous motors Shaft height 80 – Forced ventilation

Dimensional drawings

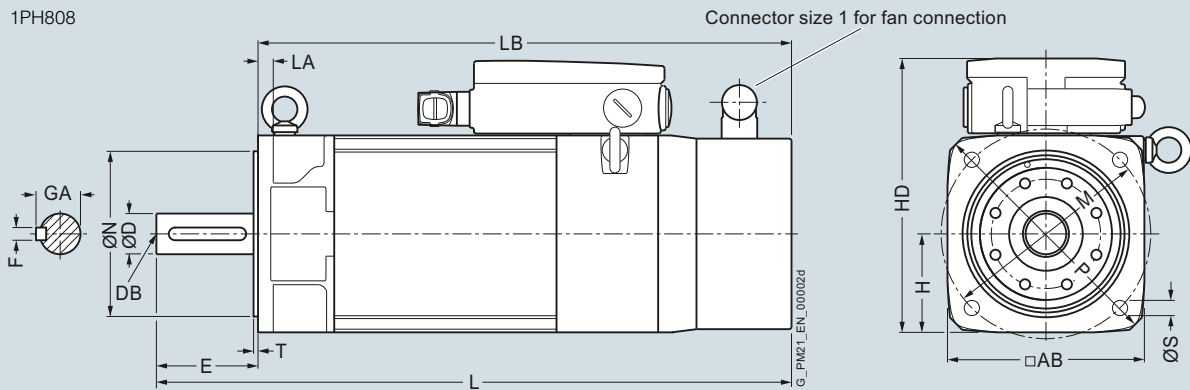
For motor		Dimensions in mm (inches)											Shaft extension DE				
Shaft height	Type	IEC	A	AB	B	C	H	HA	HD	L	LB	K	D	DB	E	F	GA
1PH8, type of construction IM B3, forced ventilation																	
80	1PH8083		125 (4.92)	155 (6.10)	194 (7.64)	38 (1.50)	80 (3.15)	8 (0.31)	216 (8.50)	455 (17.91)	375 (14.76)	10 (0.39)	32 (1.26)	M12	80 (3.15)	10 (0.39)	35 (1.38)
	1PH8087				244 (9.61)					505 (19.88)	425 (16.73)						

1PH808



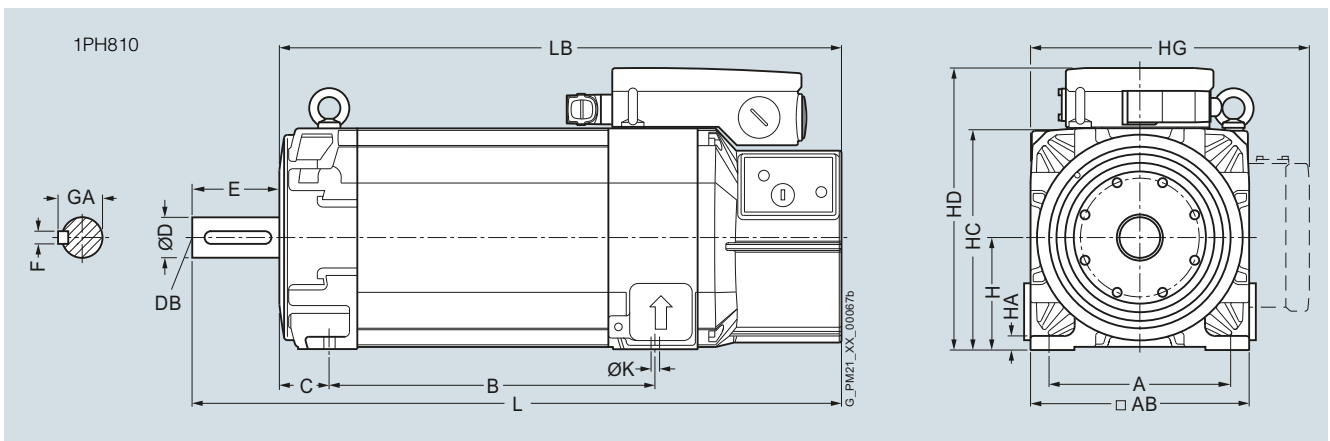
For motor		Dimensions in mm (inches)												Shaft extension DE				
Shaft height	Type	IEC	AB	H	HD	L	LA	LB	M	N	P	S	T	D	DB	E	F	GA
1PH8, type of construction IM B5, forced ventilation																		
80	1PH8083		155 (6.10)	77.5 (3.05)	213.5 (8.41)	455 (17.91)	12 (0.47)	375 (14.76)	165 (6.50)	130 (5.12)	200 (7.87)	12 (0.47)	3.5 (0.14)	32 (1.26)	M12	80 (3.15)	10 (0.39)	35 (1.38)
	1PH8087					505 (19.88)		425 (16.73)										

1PH808

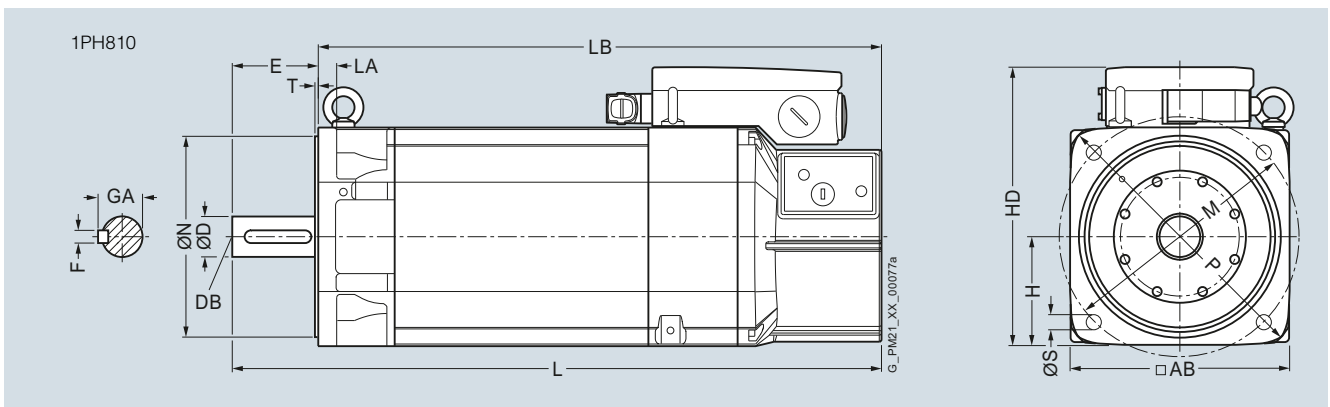


Dimensional drawings

For motor		Dimensions in mm (inches)												Shaft extension DE				
Shaft height	Type	IEC A	AB	C	B	H	HA	HC	HD	HG	L	K	LB	D	DB	E	F	GA
1PH8, type of construction IM B3, forced ventilation																		
100	1PH8101	160 (6.30)	196 (7.72)	43 (1.69)	167 (6.57)	100 (3.94)	11 (0.43)	198 (7.80)	252 (9.92)	276.5 (10.89)	449.5 (17.70)	12 (0.47)	369.5 (14.55)	38 (1.50)	M12	80 (3.15)	10 (0.39)	41 (1.61)
	1PH8103				202.5 (7.97)						485 (19.09)		405 (15.94)					
	1PH8105				262 (10.31)						544.5 (21.44)		464.5 (18.29)					
	1PH8107				297.5 (11.71)						580 (22.83)		500 (19.69)					



For motor		Dimensions in mm (inches)												Shaft extension DE				
Shaft height	Type	IEC AB	H	HD	L	LA	LB	M	N	P	S	T	D	DB	E	F	GA	
1PH8, type of construction IM B5, forced ventilation																		
100	1PH8101	196 (7.72)	98 (3.86)	250 (9.84)	449.5 (17.70)	16 (0.63)	369.5 (14.55)	215 (8.46)	180 (7.09)	250 (9.84)	14 (0.55)	4 (0.16)	38 (1.50)	M12	80 (3.15)	10 (0.39)	41 (1.61)	
	1PH8103				485 (19.09)		405 (15.94)											
	1PH8105				544.5 (21.44)		464.5 (18.29)											
	1PH8107				580 (22.83)		500 (19.69)											



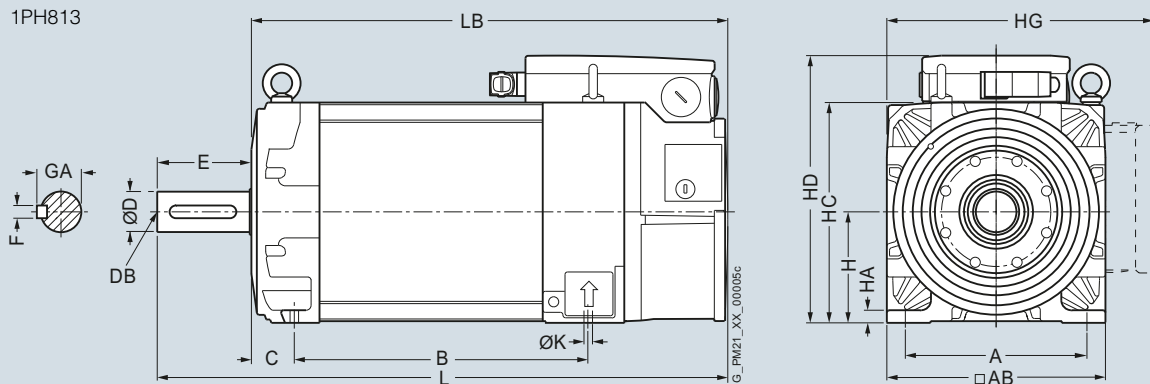
SIMOTICS motors

Dimensional drawings

SIMOTICS M-1PH8 asynchronous motors Shaft height 132 – Forced ventilation

Dimensional drawings

For motor		Dimensions in mm (inches)												Shaft extension DE				
Shaft height	Type	IEC A	AB	B	C	H	HA	HC	HD	HG	K	L	LB	D	DB	E	F	GA
1PH8, type of construction IM B3, forced ventilation																		
132	1PH8131	216 (8.50)	260 (10.24)	220.5 (8.68)	53 (2.09)	132 (5.20)	15 (0.59)	262 (10.31)	317.5 (12.50)	357.5 (14.07)	12 (0.47)	549 (21.61)	439 (17.28)	48 (1.89)	M16	110 (4.33)	14 (0.55)	51.5 (2.03)
	1PH8133			265.5 (10.45)								594 (23.39)	484 (19.06)					
	1PH8135			310.5 (12.22)								639 (25.16)	529 (20.83)					
	1PH8137			350.5 (13.80)								679 (26.73)	569 (22.40)					



For motor		Dimensions in mm (inches)												Shaft extension DE				
Shaft height	Type	IEC AB	H	HD	L	LA	LB	M	N	P	S	T	D	DB	E	F	GA	
1PH8, type of construction IM B5, forced ventilation																		
132	1PH8131	260 (10.24)	130 (5.12)	315.5 (12.42)	549 (21.61)	18 (0.71)	439 (17.28)	300 (11.81)	250 (9.84)	340 (13.39)	18 (0.71)	5 (0.20)	48 (1.89)	M16	110 (4.33)	14 (0.55)	51.5 (2.03)	
	1PH8133				594 (23.39)		484 (19.06)											
	1PH8135				639 (25.16)		529 (20.83)											
	1PH8137				679 (26.73)		569 (22.40)											

