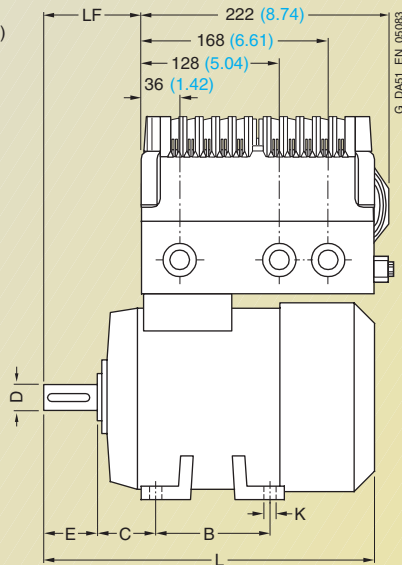
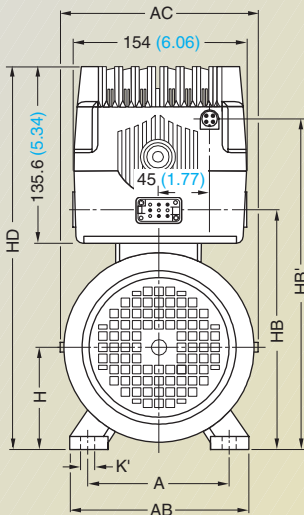


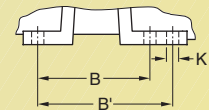
ECOFAST variant of COMBIMASTER 411 – Motor Design IM B 3

Inverter Case Size B

(Dimension drawing without communication modules)

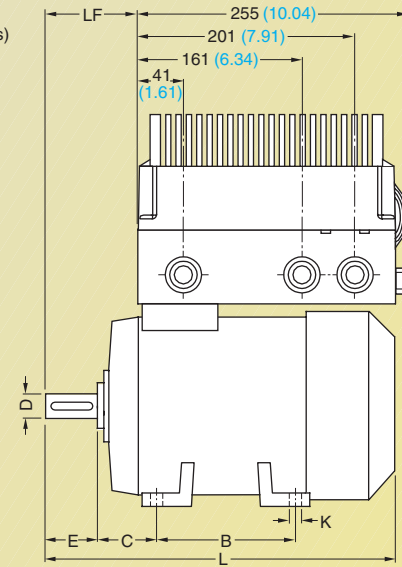
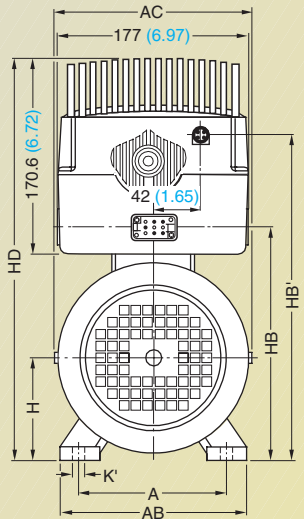


Frame size 90 S/L has feet with 2 holes each at the non-drive end

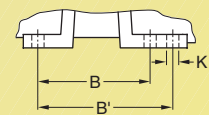


Inverter Case Size C

(Dimension drawing without communication modules)



Frame size 90 L has feet with 2 holes each at the non-drive end



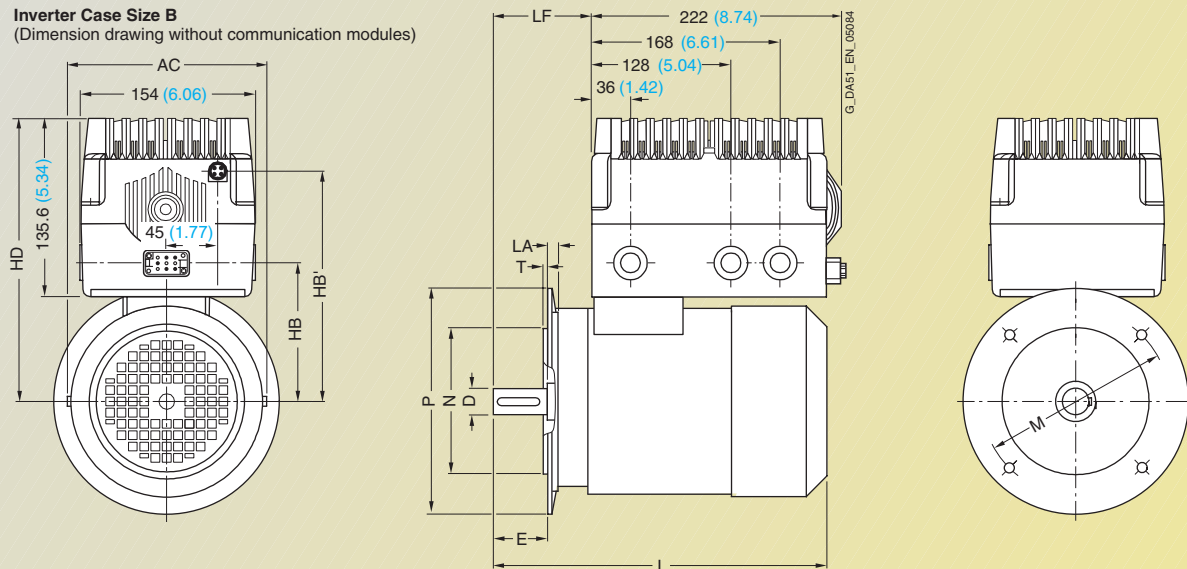
Motor Frame size	Type	Dimension symbol to																
		IEC DIN	A b	AB f	AC g	B a	B' a'	C w ₁	D d	E l	H h	HB v	HB' v'	HD p	K s	K' s ₁	L k	LF q
Case Size B																		
71	1UA2 07 .	112 (4.41)	132 (5.20)	145 (5.71)	90 (3.54)	–	–	45 (1.77)	14 (0.55)	30 (1.18)	71 (2.80)	172 (6.77)	234.6 (9.24)	278.6 (10.97)	7 (0.28)	10 (0.39)	240 (9.45)	54 (2.13)
80	1UA2 08 .	125 (4.92)	150 (5.91)	163 (6.42)	100 (3.94)	–	–	50 (1.97)	19 (0.75)	40 (1.57)	80 (3.15)	190 (7.48)	252.6 (9.94)	296.6 (11.68)	9.5 (0.37)	13.5 (0.53)	273.5 (10.77)	64 (2.52)
90 S	1UA2 090	140	165	180	100	125	–	56	24	50	90	208	270.6	314.6	10	14	331	89.5
90 L	1UA2 096-4	(5.51)	(6.50)	(7.09)	(3.94)	(4.92)	–	(2.20)	(0.94)	(1.97)	(3.54)	(8.19)	(10.65)	(12.39)	(0.39)	(0.55)	(13.03)	(3.52)
Case Size C																		
90 L	1UA2 096-2	140 (5.51)	165 (6.50)	180 (7.09)	100 (3.94)	125 (4.92)	–	56 (2.20)	24 (0.94)	50 (1.97)	90 (3.54)	208 (8.19)	280 (11.02)	349.5 (13.76)	10 (0.39)	14 (0.55)	331 (13.07)	88.5 (3.48)
100 L	1UA2 106	160 (6.30)	196 (7.72)	203 (7.99)	140 (5.51)	–	–	63 (2.48)	28 (1.10)	60 (2.36)	100 (3.94)	225 (8.86)	300 (11.81)	370 (14.57)	12 (0.47)	16 (0.63)	372 (14.69)	98 (3.86)

All of the dimensions are in mm (values in brackets are in inches)

ECOFAST variant of COMBIMASTER 411 – Motor Design IM B 5

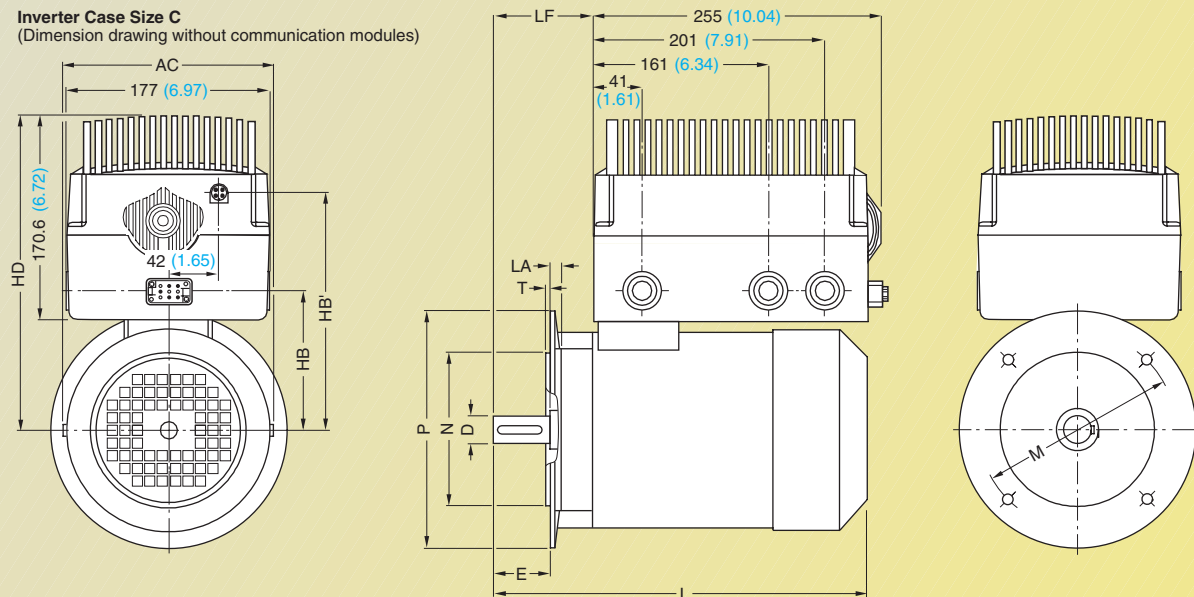
Inverter Case Size B

(Dimension drawing without communication modules)



Inverter Case Size C

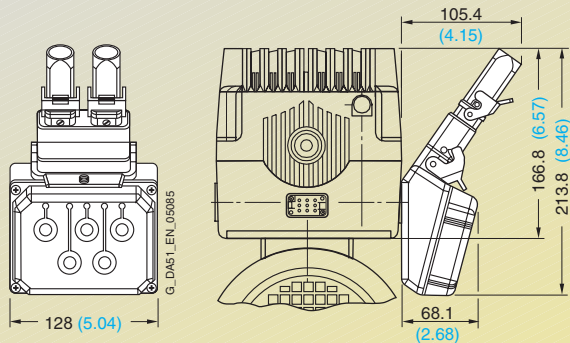
(Dimension drawing without communication modules)



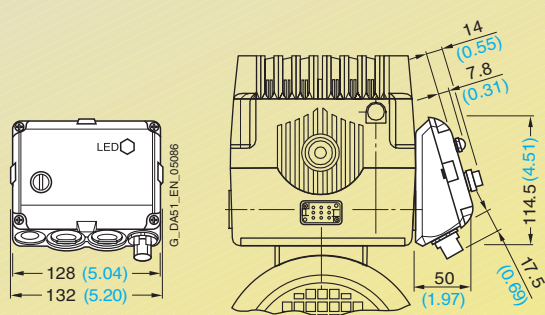
Motor Frame size	Type	Dimension symbol to														
		IEC DIN	AC g	D d	E l	HB v	HB' v ₁	HD p	L k	LA c ₁	LF q	M e ₁	N b ₁	P a ₁	S s ₂	T f ₁
Case Size B																
71	1UA2 07 .		145 (5.71)	14 (0.55)	30 (1.18)	101 (3.98)	163.6 (6.44)	207.6 (8.17)	240 (9.45)	9 (0.35)	54 (2.13)	130 (5.12)	110 (4.33)	160 (6.30)	10 (0.39)	3.5 (0.14)
80	1UA2 08 .		163 (6.42)	19 (0.75)	40 (1.57)	110 (4.33)	172.6 (6.80)	216.6 (8.53)	273.5 (10.77)	10 (0.39)	64 (2.52)	165 (6.50)	130 (5.12)	200 (7.87)	12 (0.47)	3.5 (0.14)
90 S	1UA2 090		180 (7.09)	24 (0.94)	50 (1.97)	118 (4.65)	180.6 (7.11)	224.6 (8.84)	331 (13.03)	10 (0.39)	89.5 (3.52)	165 (6.50)	130 (5.12)	200 (7.87)	12 (0.47)	3.5 (0.14)
90 L	1UA2 096-4															
Case Size C																
90 L	1UA2 096-2		180 (7.09)	24 (0.94)	50 (1.97)	118 (4.65)	190 (7.48)	259.5 (10.22)	331 (13.03)	10 (0.39)	88.5 (3.48)	165 (6.50)	130 (5.12)	200 (7.87)	12 (0.47)	3.5 (0.14)
100 L	1UA2 106		203 (7.99)	28 (1.10)	60 (2.36)	125 (4.92)	200 (7.87)	270 (10.63)	372 (14.65)	11 (0.43)	64 (2.52)	215 (8.46)	180 (7.09)	250 (9.84)	14.5 (0.57)	4 (0.16)

All of the dimensions are in mm (values in brackets are in inches)

ECOFAST variant of COMBIMASTER 411 – Dimensions Communication Modules ¹⁾



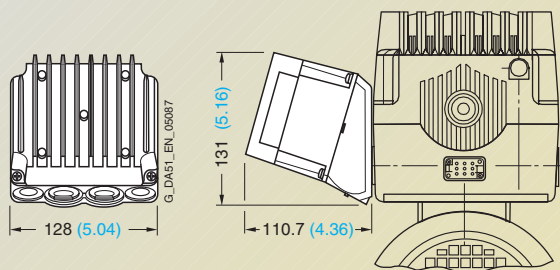
PROFIBUS module (including PROFIBUS connector and T-piece - neither is included in the scope of supply)



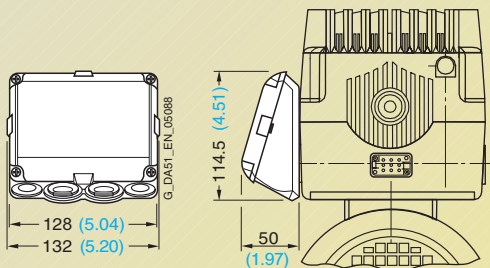
AS-Interface module

1) Drawings are exemplary for case size B

Special variants of ECOFAST variants of COMBIMASTER 411



REM module



EM module

All dimensions are in mm (values in brackets are in inches)