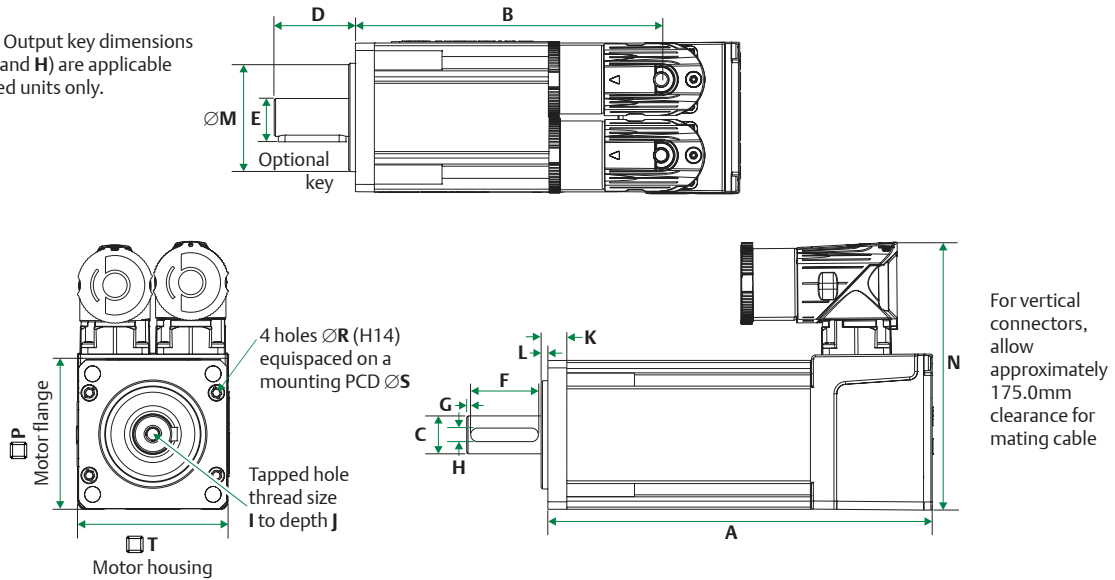


## 1.5 Dimensions

### 1.5.1 Frame size 055

**NOTE:** Output key dimensions (E, F, G and H) are applicable to keyed units only.



#### Standard motor dimension (mm) Note all dimensions shown are at nominal

	Unbraked length		Braked length		Flange thickness	Register length	Register diameter	Overall height	Flange square	Fixing hole diameter	Fixing hold PCD	Motor housing	Mounting bolts
	A	B	A	B									
055A	118.0	90.0	158.0	130.0	7.0	2.5	40.0	99.0	55.0	5.8	63.0	55.0	M5

#### Vertical connectors dimension (mm)

Note all dimensions shown are at nominal

	Unbraked length		Braked length		Power connector	Signal connector
	B1	B2	B1	B2		
055A	75.0	83.0	115.0	123.0	104.0	93.0

#### Output shaft dimensions (mm)

	Shaft diameter	Shaft length	Key height	Key length	Key to shaft end	Key width	Tapped hole thread size	Tapped hole depth
	C (j6)	D	E	F	G	H (h9)	I	J
14.0 Max	14.0	30.0	16.0	25.0	1.5	5.0	M5	12.5

#### Optional connector height (mm)

C type	96.00
V type	105.0

**NOTE:** Shaft options below the standard (Std) dimensions will require customer approval and may not be covered by warranty.

#### Optional flange dimensions (mm)

PCD code	Front end frame type	Flange thickness	Register length	Fixing hole diameter	Flange square	Fixing hole diameter	Fixing hold PCD	Mounting bolts
		K	L	M (j6)	P	R (H14)	S	
070	Flat	6	3	50	60	5.5	70	M5

**NOTE:** 3D drawings of the Unimotor fm and Unimotor hd motors can be downloaded from: <http://motors.controltechniques.com/>