

MINIMOTOR - BCE2000 WORM GEAR MOTOR WITH PLANETARY REDUCTION

BCE2000M-56
230V 1 ph 56rpm 2.8Nm

- Single or three phase
- 18 to 20W delivered power
- Up to 14.4Nm rated torque
- Compact and powerful
- IP65 as standard



PRODUCT DESCRIPTION

High quality, designed from the ground up to IP65 rated compact gear motor.

Physically smaller than the majority of similar powered gear motors due to the use of high quality components in precision manufacturing.

Ideally suited to many applications, including label and packaging machines, conveyors, pharmaceutical and medical machinery

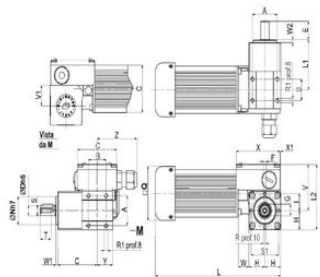
MOTOR: Asynchronous single and three-phase with 2 poles, totally enclosed with external ventilation. Safety thermal cutout on single phase model. Class F winding. IP65 according to CEI EN 60529.

GEAR UNIT: Die-cast aluminium case in first reduction stage, with worm screw and in steel in second planetary reduction stage with three internal planetary gears, ratio $i=5$. Centre distance 20 mm. Bronze ring with hardness 110 HB. Hardened steel screw with ground thread. Fluoridated polymer (FPM) grommets. Lubrication with synthetic oil (EP). 6 reduction gear ratios are available: 50/75/125/225/300/400.

[Please click here for 2D and 3D drawings.](#)

TECHNICAL DATA

Capacitor	2 μ F
Input voltage ac	230V
IP class	IP65
Nominal speed	56 rpm
Nominal torque	2.8
Output power	18 W
Rated current	0.27A
Ratio	50:1



Tip	A	B	C	D	E	F	G	H	I	L	L1	L2	N	Q	R	R1	S	S1	T	V	V1	X	X1	Y	W	W1	W2	Z
BCE2000	35	25	56,5	12	21,5	4	13,5	22,5	20	176	58,5	77,5	33	63	M4	M5	M5	38	15	55	24	62	1	22	15,5	3	4	56

CC model selection

Electric motors

15.06.2017

Inverted motor

15.06.2017

Worm gearmotors

15.06.2017

Brushless servomotors

15.06.2017

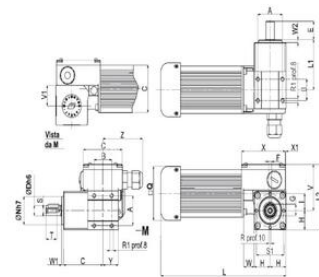
Clean products

15.06.2017

Drives

15.06.2017

Please see product description above for 2D and 3D drawings



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