

MINIMOTOR - BC2000 WORM GEARED MOTOR

BC2000M-46
230V 1 ph 46rpm 2.48Nm

- Single or three phase
- 18 to 20W delivered power
- Up to 3.05Nm 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

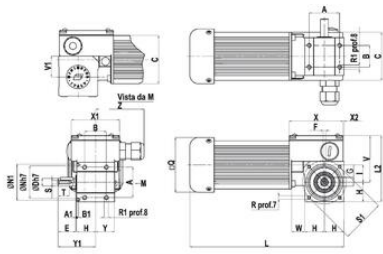
MOTOR: Single and three phase with 2 poles. Totally enclosed with external ventilation. Safety thermal cutout on single phase model. Class F winding. IP65 protection according to CEI EN 60529.

GEAR UNIT: Die-cast aluminium case (UNI 5076). 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: 10/15/25/45/60/80..

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

TECHNICAL DATA

4967_Rated current (A)	0.27A
Capacitor	2 μ F
Input voltage ac	230V
IP class	IP65
Nominal speed	46 rpm
Nominal torque	2.48
Output power	18 W
Ratio	60:1



Tip	A	A1	B	B1	C	D	E	F	G	H	I	L	L2	N	N1	G	R	R1	S	S1	T	V	V1	X	X1	X2	Y	Y1	W	Z
IP2000	25	1	25	2,4	30,5	9	20,5	3	10,2	22	20	170	77	38	42	63	Ma	Mb	Ma	50	13	55	24	62	20,5	1	22	43	15	56

OCU model selection

Electric motors

19.06.2017

Inverter motor

19.06.2017

Worm gearmotors

19.06.2017

Brushless servomotors

19.06.2017

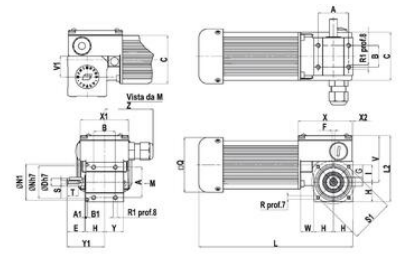
Clean products

19.06.2017

Drives

19.06.2017

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



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