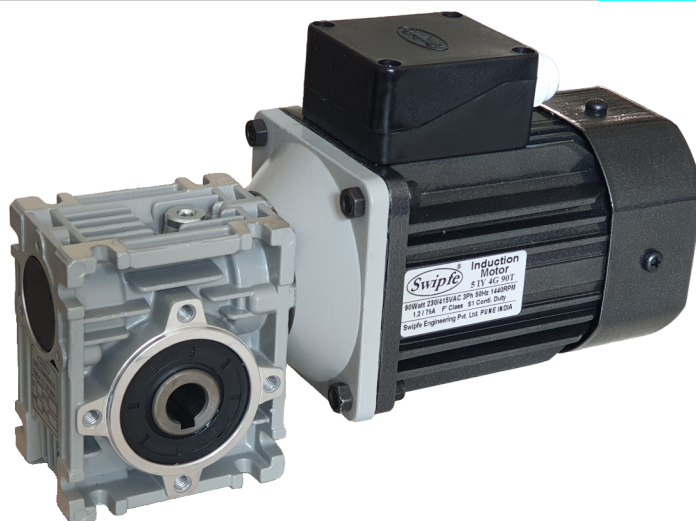


Motor And Worm Gearbox

GB30W

Motor Square Flange
90mm x 90mm

Continuous Duty
Clockwise or Counter Clockwise Rotation
Terminal Box or Lead Wires For Connection
Totally Enclosed Fan Cooled Aluminium Body



Motor Specifications:

Model	Supply	Freq. Hz	Stall Torque Nm	Rated Torque Nm	Rated Speed RPM	Rated Current Amp	Cap. μ F
5IX4F180	Single Phase 230V	50	1.45	1.22	1350	1.10	8
5IY4F180	Three Phase 230V	50	1.50	1.34	1250	0.90	-
5IY4F180	Three Phase 415V	50	1.94	1.22	1350	0.48	-
5IX4F90	Single Phase 230V	50	0.86	0.62	1350	0.51	4
5IY4F90	Three Phase 230V	50	0.86	0.72	1250	0.44	-
5IY4F90	Three Phase 415V	50	1.10	0.61	1350	0.25	-
5IX4F60	Single Phase 230V	50	0.51	0.45	1350	0.42	3.15
5IY4F60	Three Phase 230V	50	0.56	0.45	1300	0.29	-
5IY4F60	Three Phase 415V	50	0.69	0.45	1350	0.18	-

Gearmotor Torque Table:

The maximum permissible torque is 24 Nm

No Load speed of Motor at 50Hz is approx. 1440RPM

50Hz

Unit : Nm

RPM	288	192	144	96	72	57	48	36	29	24	18
Gear Ratio	5	7.5	10	15	20	25	30	40	50	60	80
Output Torque	5.0	7.8	10.0	14.0	18.0	21.0	24.0	14.0	17.0	19.0	14.0
Motor Power	180	180	180	180	180	180	180	90	90	90	60

The Gear boxes are sold separately.

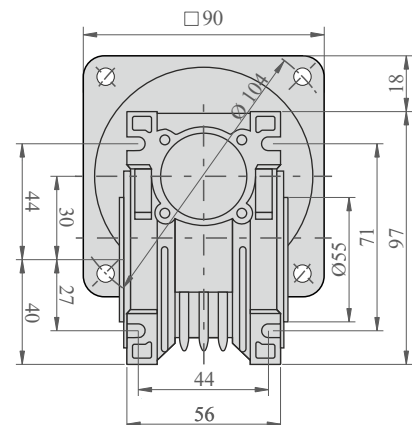
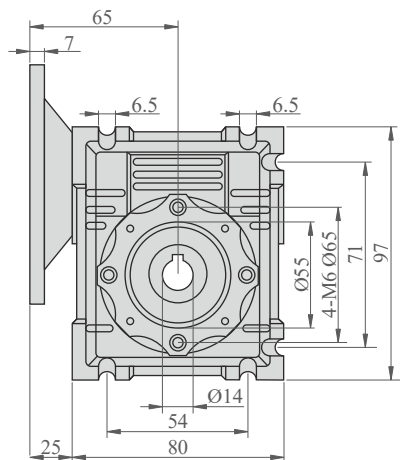
The speed of geared motor is calculated by dividing motor's no load speed by the gear ratio.

The actual speed is less than the displayed value, depending upon the load.

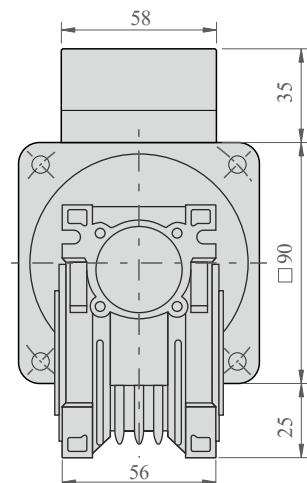
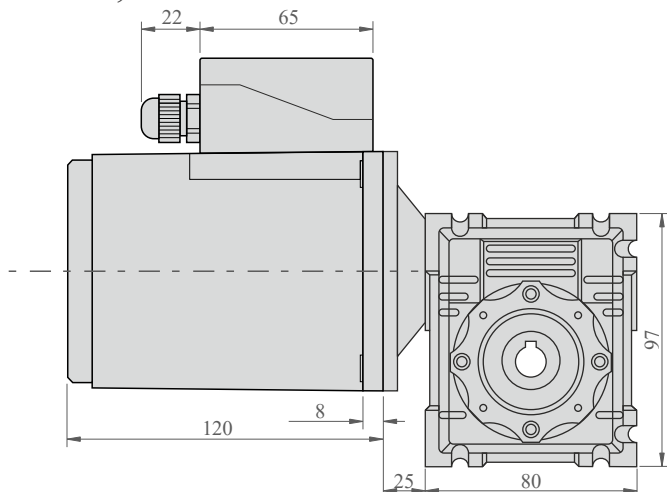
Characteristics, specifications and dimensions are subject to change without notice.

Motor And Worm Gearbox

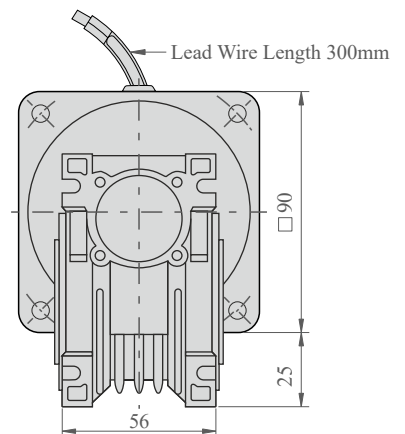
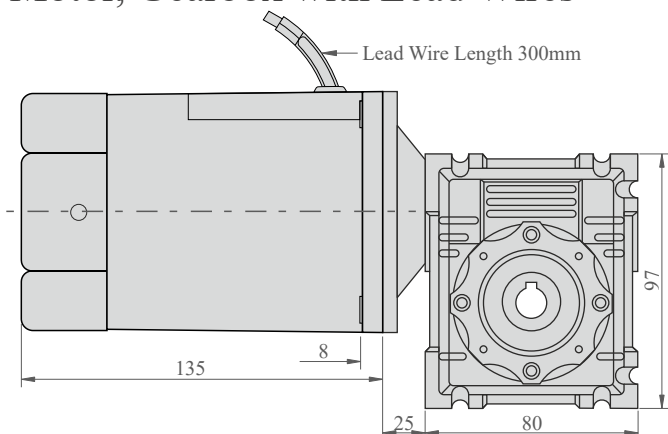
Dimensions: Worm Gearbox



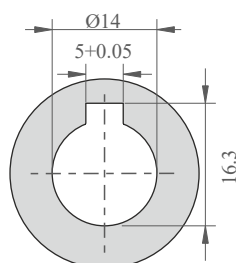
Motor, Gearbox with Terminal Box



Motor, Gearbox with Lead Wires



Hollow Shaft

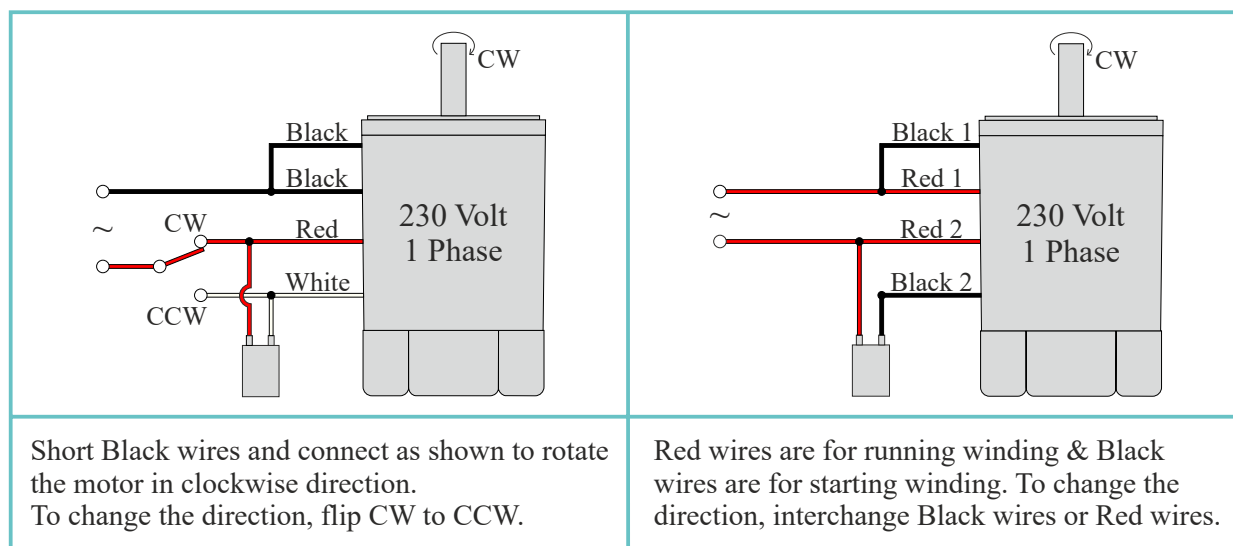


Max. Weight:
Motor:- 2.5 - 3.3kg
Gear Box:- 1.1 kg

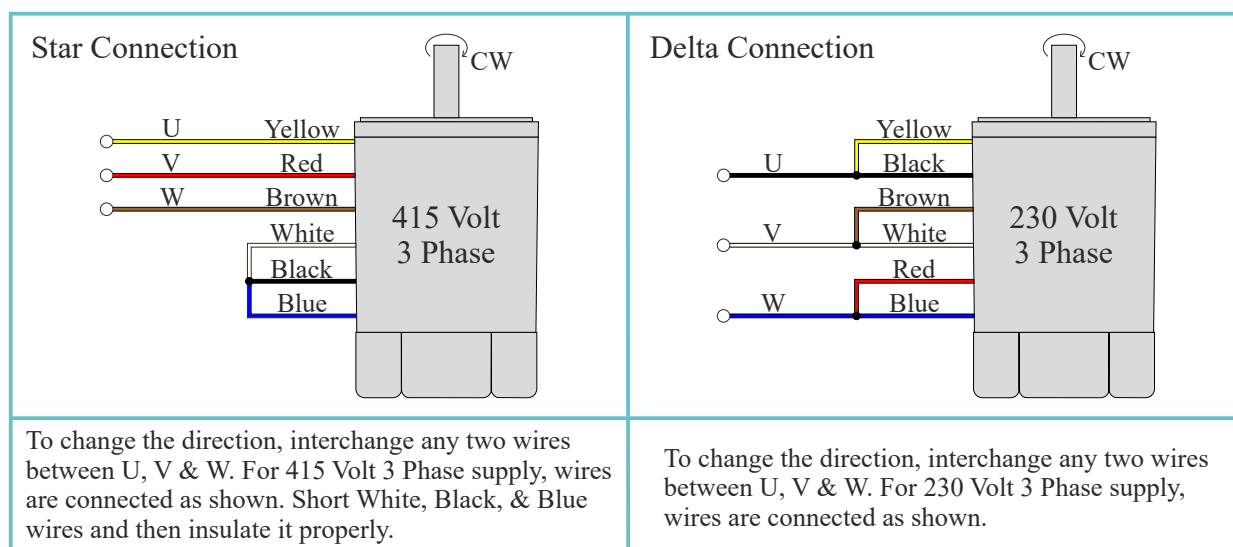
Motor And Worm Gearbox

Wiring Diagrams:

Wiring Diagram for Single Phase Motor



Wiring Diagram for Three Phase Motor



Change the direction of motor only after it stops rotating. If the attempt is made during rotation, motor may not change the direction or change the direction after some time.