



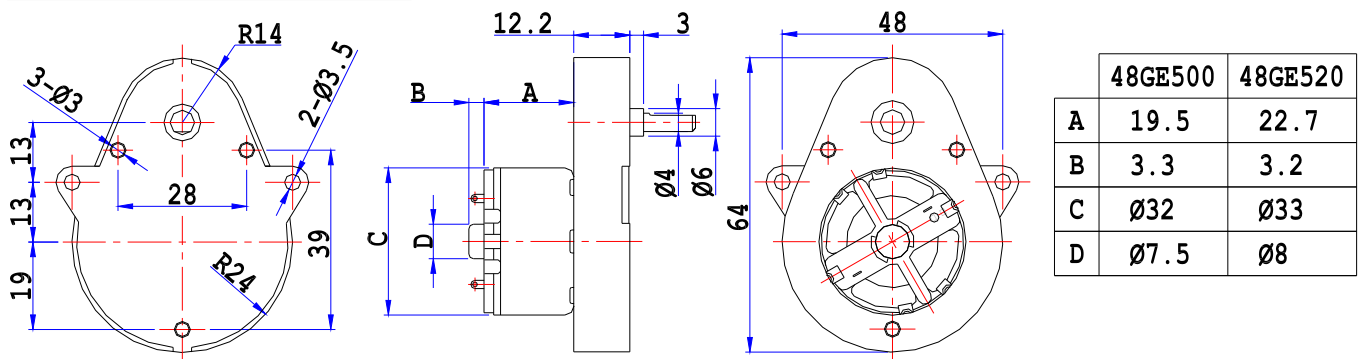
## Brief Introduction

This is a series of motors based on a pear shape enclosed gearbox with mounting holes distance to be 48mm. Gearbox thickness is not changeable. Motor can be any type but most popular motors are those that the diameter is approx. 33mm. Gearbox spindle can extend from both sides of the gearbox. It is a flat object rather than a long cylinder one so that it is good for those that do not have much space but need a flat shape motor.

## Main Application

Safe box, storage box, instrument, accessory of automobile, vending machine, etc.

## Outline Drawing



Gear reduction ratio can be 1 : 90, 1 : 120, 1 : 225, 1 : 300, 1 : 450, 1 : 900, 1 : 1350, 1 : 2700, 1 : 3375

## Specifications

Serial No.	Model	Rated Voltage	No Load		At Maximum Efficiency				Stall	
			Speed	Current	Speed	Torque	Current	Output	Torque	Current
			V	rpm	mA	rpm	Kgcm	mA	mW	Kgcm
48GE500	12560-450	6	6	60	4.5	6	120	0.28	30	350
	14415-225	6	16	60	12.5	4	180	0.52	12	600
	14415-105	6	35	40	26	2	180	0.53	7	600
48GE520	11750-90	24	60	60	45	6	400	2.80	15	1200
	11750-450	24	13	60	10	15	400	1.50	25	1200
	16290-225	12	47	120	38	7	600	2.70	45	2500
	14415-90	6	35	40	26	2	180	0.53	7	600

*Remarks: The above specifications are just for some typical models. Other specifications are welcome.*