



CESA/B, CESMA/B, CESC, CESS Type Resistance Electric Lubricator

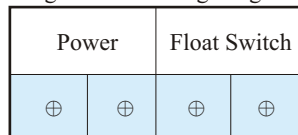
◆ Features

1. CES resistance type electric lubricator series include CESA/B, CESMA/B, CESC and CESS type, and the accessories are different by each model. Please refer to the specification for further details.
2. The interval time could be set up on request (2, 3, 5, 10, 15, 30, 60 minutes), supply the power, and the lubricator will work automatically.
3. The discharge volume could be set up on request and customers can adjust it by themselves. The standard specification of discharge volume is 3-6 cc/stroke, 1-6 cc/stroke is also on request.
4. CES series used a Japanese synchronous motor, a worm gear and a worm shaft working together, it's quite durable.
5. CESB and CESMB have float switches for checking the oil level, the standard specification of float switch is NO (Normal Open) contact, which means when the oil level is normal, it will have signals. NC (Normal Close) contact is also on request.
6. CESC type also has a float switch, which will have abnormal signal automatically when the oil level is lower than the standard.

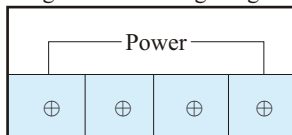
◆ Application of Machines Equipment

1. It is suitable for the machinery which needs fixed interval time and discharge volume.
2. It usually works with desktop lathes or carpentry machinery or press machines.

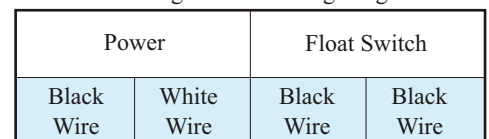
CESB · CESMB
Single Phase Wiring Diagram



CESA · CESMA
Single Phase Wiring Diagram



CESS Single Phase Wiring Diagram



1. CESS type has no terminal base.
2. CESS type standards has no float switch, but could be assembled one on request.

Model	Interval Time	Motor	cc/stroke	Max Pressure	1Ø Voltage	Ampere	Hertz	Discharge Bore	Oil Viscosity						
CESA	2、3、5、10、 15、30、60 min Optional (Non-adjustable)	4W	3-6cc	3kgf/cm ²	110V 220V	0.1A 0.05A	50/60Hz	Ø 4 or Ø 6	32-68cSt@40°C						
CESB															
CESMA															
CESMB															
CESC			1-3cc												
CESS															

Model	Capacity	Fixed Hole Distance(mm)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Float Switch	Wiring	Buzzer	IC Board
CESA	2L	176	197	139	250.5	1.91	×	Pull Out	×	×
CESB			197	139	250.5	1.97	○		×	×
CESMA			205	139	250.5	2.07	×	Inside	×	×
CESMB			205	139	250.5	2.13	○		×	×
CESC	1L	100	198	139	250.5	2.04	○	Pull Out	○	○
CESS			125	89	203	1.28	×	Pull Out	×	×

◆ Order code :

Model	Interval	Voltage	Discharge Volume	Discharge Bore	Special Request
CES A	10	C	6	3	※
A : Standards, Wiring Pull Out	02 : 2min	A : 110V	1 : 1cc	0 : Ø4	※L : Add a Light
B : With Float Switch, Wiring Pull Out	03 : 3min	C : 220V	2 : 2cc	1 : Ø6	
MA : Standards, Wiring Inside	05 : 5min		3 : 3cc	2 : Ø4 (With Pressure Gauge)	
MB : With Float Switch, Wiring Inside	10 : 10min		4 : 4cc	3 : Ø6 (With Pressure Gauge)	
C : With IC Box and Buzzer	15 : 15min		5 : 5cc		
	30 : 30min		6 : 6cc		
	60 : 60min				

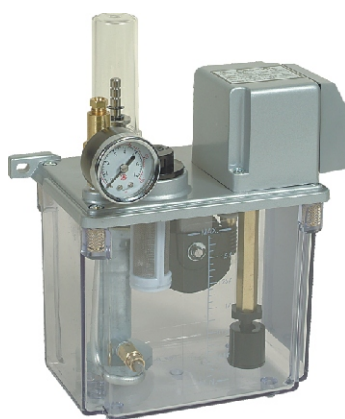
◆ Order code :

Model	Interval	Voltage	Discharge Volume	Discharge Bore	Special Request
CES S	10	C	3	1	※
S : Standards, Tank Capacity 1L	02 : 2min	A : 110V	1 : 1cc	0 : Ø4	※B : Add a Buzzer
SB : With Float Switch	03 : 3min	C : 220V	2 : 2cc	1 : Ø6	
Tank Capacity 1L	05 : 5min		3 : 3cc		
	10 : 10min				
	15 : 15min				
	30 : 30min				
	60 : 60min				

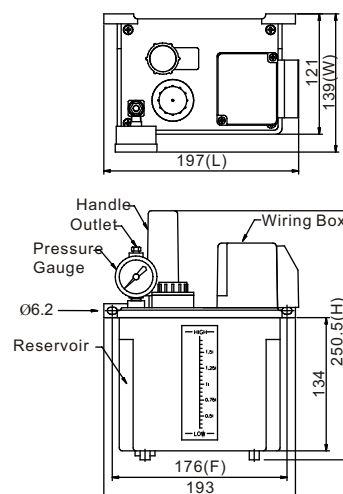
CESA/B、CESMA/B、CESC、CESS Type Resistance Electric Lubricator



CESA



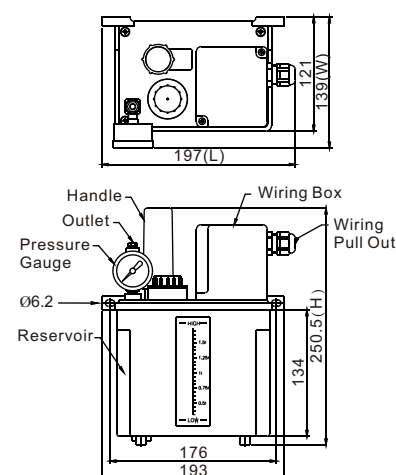
CESB



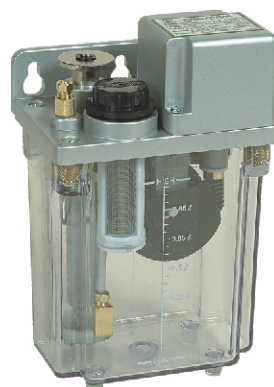
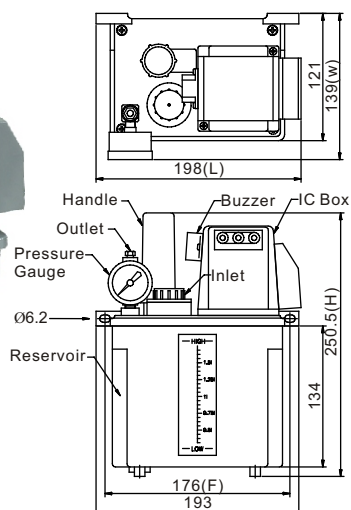
CESMA



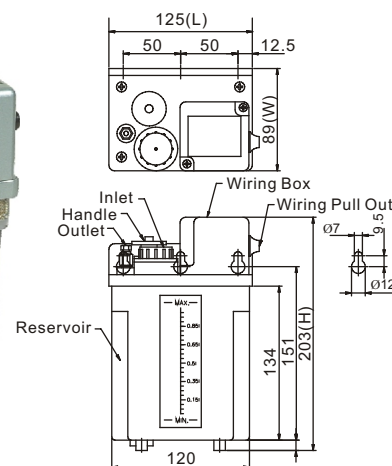
CESMB



CESC



CESS



CESA/B、CESMA/B、CESC、CESS Type Resistance Electric Lubricator