

Comparison sheet for T-type EGM pump and NEW EGM-50TH pump

Text in bold are the specification that has been changed from EGM pump

PRA-EGM50TH-007

25-Thg12-18

LUBE Corporation

Product reliability assurance group

No.	Specification items	EGM	NEW EGM-50TH		
1	Pump	Discharge volume	10mL/min		
		Discharge pressure	10MPa		
		Restriction on operation time	Up to 7.5 minutes	No restriction	
		Use viscosity range		NLGI No. 00, 0, 1	
		Recommended grease		MPO, FS2, NS2(2), LFL180, etc.	
		Cap.	Cartridge		200mL, 400mL, 700mL
			Reservoir		260mL, 800mL
		Use temperature	0~40°C (PDI)	0~50°C (PDI)	
		Grease level switch	No (External level switch is available for specific tank)	Option available for only 700ml cartridge type	
		Manual override button	N/A	Option	
Grease inlet filter	N/A	Option available for only 700ml cartridge type			
2	External *Comparison in external dimension	Dimension(700mL cartridge)	W179xD141xH251	W190xD136xH280	
		Mounting dimension	Pitch:104mmx25mm, Installation holes: 4-φ9		
		Weight	1.8Kg(without cartridge) (700mL cartridge type)	***Kg(without cartridge) (700mL cartridge)	
		Discharge port	Front side(Different discharge port positions)		
		Wiring port	Left side	Right side	
3	Electricity	Voltage	DC24V		
		Starting current	4.1A	4.1A	
		Rated current	1.9A	2.3A	
		Wiring type	Lead wire	DIN(Standard), Lead wire	
		Circuit board	N/A	Starting current restricted board	
4	Reliability **Page 5	Drive mechanism	Eccentric cam		
		Outlet check valve	Ball check	Rubber and metal	
		Relief valve	Ball check		
		Depressurizing mechanism	Linear type: Solenoid directly pulls spool		
		Pump life	500 hours	1,500 hours	
		Vibration resistance	4.5G		
		IP Standard	N/A	IP54 (DIN)	
		CE Marking	Available for only standard pumps		
5	Environment	RoHS2	Incompliant	Compliant	
		Loudness volume	64dB	68dB	
6	Maintenance **Page 8	Modular parts for replacing contaminated check part	N/A	Available	
		Air bleeding	Hex plug		

*Refer to "Comparison in External dimension between GM, EGM and NEW EGM-50TH

**Refer to "Regarding switching from GM and EGM to NEW EGM-50TH