Comparison sheet for GMS pump and NEW EGM-50TH pump

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

PRA-EGM50TH-001-4-TOYO
20-Thg9-18
LUBE Corporation
Product reliability assurance group

No.	Specification items		GMS	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 No00, 0, 1	
		Recommended grease	MP0, FS2, NS2(2), LFL180, etc.	
		Reservoir tank capacity	400mL	
		Use temperature	0~40℃(PDI)	**0~50℃(PDI)**
		Grease level switch	N/A	
		Manual override button	N/A	
		Grease inlet filter	N/A	
2	External *Comparison in external dimension Page 9	Dimension	W171xD120xH391	**W167xD128xH421**
		Mounting dimension	Pitch: 70mmx25mm, Installation holes: 4-ϕ9	
		Wight	2.0Kg	**2.1Kg**
		Discharge port	Front lower part	
		Wiring port	Left side	**Right side**
3	Electricity	Voltage	DC24V	
		Starting current	6.1A	**3.0A**
		Rated current	2.1A	**1.5A**
		Wiring type	Lead wire	**DIN(Standard), Lead wire**
		Circuit board	N/A	**Starting current restricted board**
4	Reliability **Page 5	Drive mechanism	Crank	**Eccentric cam**
		Outlet check valve	Ball check	**Rubber and metal**
		Relief valve	Ball check	
		Depressurizing mechanism	Linear type: Solenoid directly pulls spool	**Leverage type: Solenoid pulls lever connected to 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