Comparison sheet for EGM pump and NEW EGM-50TH pump
Text in bold are the specification that has been changed from EGM pump

No.	Specification items		EGM pump	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.	
		Cap. Cartridge	200mL, 400mL, 700mL	
		Cap. Reservoir	260mL, 800mL	
		Use temperature	0~40℃(PDI)	**0~50℃(PDI)**
		Grease level switch	No (External level switch is available for specific tank)	**Available for only 700ml cartridge type**
		Manual override button	N/A	**Option**
		Grease inlet filter	N/A	**Available for only 700ml cartridge type**
2	External *Comparison in external dimension	Dimension(700mL cartridge)	W179xD141xH251	**W179xD136xH226**
		Mounting dimension	Pitch: 104mmx25mm Installation holes: 4-φ9	
		Weight	1.8Kg(without cartridge) (700mL cartridge type)	**2.2Kg(without cartridge) (700mL cartridge)**
		Discharge port	Front side (PDI discharge port)	
		Wiring port	Left side	**Right side**
3	Electricity	Voltage	DC24V	
		Starting current	4.1A	**3.0A**
		Rated current	1.9A	**1.5A**
		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	**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