Manual override button N/A Option 2 External *Comparison in external dimension Dimension(700mL cartridge) W20xD135xH312 W179xD134xH267 8 Dimension(700mL cartridge) W20xD135xH312 W179xD134xH267 9 Mounting dimension Pitch: 70mmx25mm Installation holes: 4-09 1 Weight 3.0Kg(without cartridge) (700mL cartridge) 2.2Kg(without cartridge) (700mL cartridge) 3 Electricity Woltage DC24V DC24V Starting current 8.1A 3.0A Rated current 2.1A Voltage* AC100, AC200 N/A Viring type Lead wire DIN(Standard), Lead wire 0utlet check valve Ball check Rubber and metal 8 Prive mechanism Crank Eccentric cam 0utlet check valve Ball check Rubber and metal Reliability Pump life 500 hours 1,500 hours Vibration resistance 4.56 1P54(DIN) cespool 0 Environment RoHS2 Incompliant Compliant <th>No.</th> <th>Sp</th> <th>pecification items</th> <th>GMS</th> <th>NEW EGM-50TH</th>	No.	Sp	pecification items	GMS	NEW EGM-50TH
Restriction on operation time Up to 7.5 minutes No restriction Use viscosity range NLGI No. 00, 0, 1 NLGI No. 00, 0, 1 Recommended grease MP0, FS2, NS2(2), LFL180, etc. 200mL, 400mL, 700mL 200mL, 800mL Use temperature 0^*40*C(PDI) 0*50*C(PDI) 0*50*C(PDI) Grease level switch No (External level switch is available for only 700mL cartridg 0ption available for only 700mL cartridg Manual override button N/A Option 0ption Grease inlet filter N/A Option available for only 700mL cartridge) Vacomparison in external dimension Pitch: 70mm/25mm Installation holes: 4- 0*9 Weight 3: 0Kg(without cartridge) (700mL cartridge) (700mL cartridge) (700mL cartridge) 2.2Kg (vithout cartridge) Discharge port Fort lower part Fort lower part Wring type Left side Right side Voltage* AC100, AC200 N/A	1	Pump	Discharge volume	20mL/min	
Use viscosity range NLGI No. 00. 0.1 Discosition Recommended grease MP0, FS2, NS2 (2). LFL180, etc. 200mL, 400mL, 700mL Cap. Cartridge 400mL, 700mL 200mL, 400mL, 700mL Use temperature 0°40°C (PDI) 0°50°C (PDI) Grease level switch No (External level switch is available for only 700mL cartridge) 0ption available for only 700mL cartridge Manual override button N/A Option available for only 700mL cartridge) W179xD134xH267 Comparison in external dimension Pitch: 70mmZ5mm Installation holes: 4- 09 2.2Kg (without cartridge) (700mL cartridge) Bischarge port Weight 3.0Kg (without cartridge) 2.2Kg (without cartridge) (700mL cartridge) Voltage DC24V DC24V DC24V DC24V Voltage* AC100, AC200 N/A Starting current 8.1A 4 Reliability Direenanism Grank Eccentric cam Pure Viring type Lead wire DIN(Standard), Lead wire Circuit board 0utle check valve Ball check Reilef valve Ball check Reliability <td></td> <td rowspan="9"></td> <td>Discharge pressure</td> <td colspan="2"></td>			Discharge pressure		
Recommended grease MPD, FS2, NS2(2), LFL180, etc. Cap. Cartridge 400mL, 700mL 200mL, 400mL, 700mL Use temperature 0°40°c (PD1) 0°50°c (PD1) Grease level switch No (External level switch is available for only 700mL cartridg available for only 700mL cartridg 0°50°c (PD1) Grease level switch No (External level switch is available for only 700mL cartridg 0ption available for only 700mL cartridg Womparison in external dimension Wiring type W200xD135xH312 W179xD134xH267 Wouting dimension 0rtoin: 700mL cartridge) W200xD135xH312 W179xD134xH267 Woight 3.0Kg (without cartridge) V200xD135xH312 W179xD134xH267 Woight 3.0Kg (without cartridge) 2.2Kg (without cartridge) (700mL cartridge) Wing port Left side Right side 2.2Kg (without cartridge) (700mL cartridge) 3 Electricity Voltage DC24V DC24V DC24V 4 Reliability Voltage Action. Ac200 N/A M2 4 Reliability Drive mechanism Crank Eccentric cam Ecce			Restriction on operation time	Up to 7.5 minutes	No restriction
Cartridge 400mL 700mL 200mL 400mL 700mL Use temperature 0°40°C (PDI) 0°50°C (PDI) 0°50°C (PDI) 0°50°C (PDI) Grease level switch No (External level switch is available for specific tank) Option available for only 700mL cartridge Manual override button N/A Option available for only 700mL cartridge Option Cartridge W200xD135xH312 W179xD134xH267 W179xD134xH267 Mounting dimension Pitch: 70mmx25mm Installation holes: 4- \$9 \$2.0 Kg (without cartridge) (700mL cartridge) Weight 3.0 Kg (without cartridge) W200xD135xH312 W179xD134xH267 Weight 3.0 Kg (without cartridge) (700mL cartridge) (700mL cartridge) 0 bicharge port Front lower part Wiring port Left side Right side 3 Electricity Voltage DC24V DC24V DC24V Starting current 8.1A 2.1A XoV XoV Voltage* AC100, AC200 N/A N/A N/A Reliability Drive mechanism Grank <td< td=""><td></td><td>Use viscosity range</td><td></td><td>NLGI No. 00, 0, 1</td></td<>			Use viscosity range		NLGI No. 00, 0, 1
Cap. Reservoir 260mL 800mL Use temperature 0°40°C (PD1) 0°50°C (PD1) Grease level switch No (External level switch is available for specific tank) Option available for only 700mL cartridg Manual override button N/A Option Option Grease inlet filter N/A Option available for only 700mL cartridge Vomparison in external dimension Dimension (700mL cartridge) W200xD135xH312 W179xD134xH267 Voorparison in external dimension Dimension (700mL cartridge) Y200xD135xH312 W179xD134xH267 Voorparison in external dimension Dimension (700mL cartridge) Y200xD135xH312 W179xD134xH267 Voorparison in external dimension Discharge port Front lower part W179xD134xH267 Voorparison in external dimension Starting current 8.1A 3.0A 3 Electricity Voltage DC24V DC24V Starting current 8.1A 3.0A Starting current restricted board Voltage* AC100. AC200 N/A Starting current restricted board Voltage* AC100. AC200 N/A <td< td=""><td rowspan="5"></td><td>Recommended grease</td><td>MPO,</td><td>FS2, NS2(2), LFL180, etc.</td></td<>			Recommended grease	MPO,	FS2, NS2(2), LFL180, etc.
Image: Second constraints Constraints <thconstrain< td=""><td>Cartridge</td><td>400mL, 700mL</td><td>200mL, 400mL, 700mL</td></thconstrain<>			Cartridge	400mL, 700mL	200mL, 400mL, 700mL
Grease level switch No (External level switch is available for only 700mL cartridg available for specific tank) Option available for only 700mL cartridg 2 External *Comparison in external dimension Dimension(700mL cartridge) W200xD135xH312 W179xD134xH267 2 External *Comparison in external dimension Dimension(700mL cartridge) W200xD135xH312 W179xD134xH267 4 Reliability Voltage 00ctor external (700mL cartridge) C700mL cartridge) 3 Electricity Voltage D0244 D0244V 5 Environment Reliability **Page 5 Voltage* AC100, AC200 N/A 4 Reliability **Page 5 Drive mechanism Crank Eccentric cam 6 Muidtenents Solo hours 1,500 hours 5 Environment ReH32 Incompliant Compliant 6 Maintenent N/A IP54(D1N)			Reservoir		260mL, 800mL
Grease level switch No (External level switch is available for only 700mL cartridg available for specific tank) Option available for only 700mL cartridg 2 External +Comparison in external dimension Dimension(700mL cartridge) W200xD135xH312 W179xD134xH267 4 Relative Weight 3.0Kg(without cartridge) Pitch: 70mmx25mm Installation holes: 4- \$\phi 9 4 Reliability Voltage DC24V DC24V 5 Environment Cricuit board N/A Stanting current 5 Environment Reliability Crank Elever constance 6 Maintenance N/A Stanting current 6 Maintenance N/A			Use temperature	0~40°C (PDI)	0~50°C (PDI)
Instrument of the second sec			Grease level switch		
2 External *Comparison in external dimension Dimension (700mL cartridge) W200xD135xH312 W179xD134xH267 4 Mounting dimension Pitch: 70mmx25mm Installation holes: 4-\$\$9 3 Electricity Weight 3.0Kg (without cartridge) (700mL cartridge) 2.2Kg (without cartridge) (700mL cartridge) 3 Electricity Voltage DC24V DC24V 4 Reliability **Page 5 Voltage AC100, AC200 N/A 4 Reliability **Page 5 Drive mechanism Crank Eccentric cam 4 Reliability **Page 5 Drive mechanism Crank Eccentric cam 4 Reliability **Page 5 Drive mechanism Crank Eccentric cam 6 Maintenance 4.50 N/A Insertion only provide cartridge) 5 Environment RelS2 Incompliant Compliant 6 Maintenance 64dB 70dB			Manual override button	N/A	Option
 *Comparison in external dimension *Comparison in external dimension * Weight 3.0Kg (without cartridge) (700mL cartridge) * Front lower part * Electricity * Voltage * Voltage * Using current * Action Account <l< td=""><td></td><td></td><td>Grease inlet filter</td><td>N/A</td><td>Option available for only 700mL cartridge type</td></l<>			Grease inlet filter	N/A	Option available for only 700mL cartridge type
external dimension modulting dimension 11cdif: / found cartridge) 11cdif: / found cartridge) Weight 3.0Kg (without cartridge) 2.2Kg (without cartridge) Discharge port Front lower part Wiring port Left side Right side 3 Electricity Voltage DC24V DC24V Starting current 8.1A 3.0A Rated current 2.1A Voltage* AC100, AC200 N/A Wiring type Lead wire DIN(Standard), Lead wire Circuit board N/A Starting current restricted board 4 Reliability Prive mechanism Crank Veiter to hours Foot lower Ball check Reliability Prive mechanism Crank Pump life 500 hours 1,500 hours Vibration resistance 4.56 IP Standard N/A IP54(DIN) CE Marking Available for only standard pumps 5 Environment RoHS2 Incompliant 6 Waintenance Wedular parts for renlaging		*Comparison in external dimension	Dimension(700mL cartridge)		
dimension Weight 3.0Kg (without cartridge) (700mL cartridge) (7			Mounting dimension	Pitch: 70mm	
Wiring port Left side Right side 3 Electricity Voltage DC24V DC24V 3 Electricity Starting current 8.1A 3.0A Rated current 2.1A Voltage* AC100, AC200 N/A Voltage* AC100, AC200 N/A Starting current restricted board 4 Reliability Drive mechanism Crank Starting current restricted board 4 Reliability Prive mechanism Crank Eccentric cam 0utlet check valve Ball check Rubber and metal Relief valve Ball check Ball check Depressurizing mechanism Linear type: Solenoid directly pulls spool Leverage type: Solenoid to spool Pump life 500 hours 1,500 hours 1,500 hours Vibration resistance 4.5G 4.5G IP Standard N/A IP54(DIN) CE Marking Available for only standard pumps 5 Environment RoHS2 Incompliant Compliant Coudness volume 64dB			Weight		
3 Electricity Voltage DC24V DC24V 3 Electricity Starting current 8.1A 3.0A Rated current 2.1A Voltage* AC100, AC200 N/A Wiring type Lead wire DIN(Standard), Lead wire Circuit board N/A Starting current restricted board 4 Reliability Drive mechanism Crank Eccentric cam 0utlet check valve Ball check Rubber and metal Relief valve Ball check Ball check Depressurizing mechanism Linear type: Solenoid directly pulls spool Leverage type: Solenoid pulls lever con to spool Pump life 500 hours 1,500 hours 1,500 hours Vibration resistance 4.56 1P54(DIN) CE Marking 5 Environment RelS2 Incompliant Compliant 6 Maintenance 64dB 70dB			Discharge port		Front lower part
4 Reliability **Page 5 Drive mechanism Crank 2.1A 4 Reliability **Page 5 Drive mechanism Crank Eccentric cam 0ullet check valve Ball check Rubber and metal 0ullet check valve Ball check Rubber and metal 0ullet check valve Ball check Rubber and metal 0ullet check valve Ball check Ball check 0ullet check valve Ball check 1,500 hours 0up life 500 hours 1,500 hours 1 Vibration resistance 4.5G 1 P Standard N/A 0 CE Marking Available for only standard pumps 5 Environment RoHS2 Incompliant 6 Maintenance Model 70dB			Wiring port	Left side	Right side
A Rated current 2.1A Voltage* AC100, AC200 N/A Wiring type Lead wire DIN(Standard), Lead wire Circuit board N/A Starting current restricted board 4 Reliability Drive mechanism Crank Eccentric cam 0utlet check valve Ball check Rubber and metal Relief valve Ball check Rubber and metal Pepressurizing mechanism Linear type: Solenoid directly pulls spool Leverage type: Solenoid pulls lever con to spool Pump life 500 hours 1,500 hours 1,500 hours 5 Environment RoHS2 Incompliant Compliant 6 Maintenance Modular parts for replacing 64dB 70dB	3		Voltage	DC24V	DC24V
Voltage* AC100, AC200 N/A Wiring type Lead wire DIN(Standard), Lead wire Circuit board N/A Starting current restricted board A Reliability **Page 5 Drive mechanism Crank Eccentric cam Outlet check valve Ball check Rubber and metal Relief valve Ball check Rubber and metal Pump life 500 hours 1,500 hours Pump life 500 hours 1,500 hours Vibration resistance 4.56 IP Standard N/A IP54 (DIN) CE Marking Available for only standard pumps 5 Environment Compliant 6 Maintenance Mcdular parts for replacing			Starting current	8. 1A	
Wiring type Lead wire DIN(Standard), Lead wire 4 Reliability **Page 5 Drive mechanism Crank Starting current restricted board 4 Reliability ***Page 5 Drive mechanism Crank Eccentric cam 0utlet check valve Ball check Rubber and metal Relief valve Ball check Ball check Depressurizing mechanism Linear type: Solenoid directly pulls spool Leverage type: Solenoid pulls lever con to spool Pump life 500 hours 1,500 hours Vibration resistance 4.56 IP Standard N/A IP54 (DIN) CE Marking Available for only standard pumps 5 Environment RoHS2 Incompliant 6 Maintenance Modular parts for replacing 64dB			Rated current		2. 1A
Gircuit board N/A Starting current restricted board 4 Reliability **Page 5 Drive mechanism Crank Eccentric cam 0utlet check valve Ball check Rubber and metal Reliability **Page 5 Drive mechanism Crank Ball check Relief valve Ball check Ball check Pepressurizing mechanism Linear type: Solenoid directly pulls spool Leverage type: Solenoid pulls lever con to spool Pump life 500 hours 1,500 hours Vibration resistance 4.5G IP Standard N/A IP54(DIN) CE Marking Incompliant Compliant 5 Environment RoHS2 Incompliant Loudness volume 64dB 70dB			Voltage*	AC100, AC200	-4
4 Reliability **Page 5 Drive mechanism Crank Eccentric cam 0utlet check valve Ball check Rubber and metal Relief valve Ball check Ball check Depressurizing mechanism Linear type: Solenoid directly pulls spool Leverage type: Solenoid pulls lever con 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 6 Maintenance Medular parts for replacing 64dB 70dB			Wiring type		
**Page 5 Outlet check valve Ball check Rubber and metal Relief valve Ball check Ball check Depressurizing mechanism Linear type: Solenoid directly pulls spool Leverage type: Solenoid pulls lever con 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 Loudness volume 64dB 70dB			Circuit board	N/A	Starting current restricted board
Image: Solution of verve Description of verve Description of verve Relief valve Ball check Depressurizing mechanism Linear type: Solenoid directly pulls spool Leverage type: Solenoid pulls lever con 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 Loudness volume 64dB 70dB	4	**Page 5	Drive mechanism	Crank	Eccentric cam
Image: Solution of the second directly pulls spool Linear type: Solenoid directly pulls spool Leverage type: Solenoid pulls lever con 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 6 Maintenance Medular parts for replacing 64dB 70dB	:			Ball check	Rubber and metal
Depressurizing mechanism directly pulls spool 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 Coudness volume 64dB 70dB			Relief valve		Ball check
Vibration resistance 4.5G IP Standard N/A IP54 (DIN) CE Marking Available for only standard pumps 5 Environment RoHS2 Incompliant Compliant 6 Maintenance Modular parts for replacing 64dB 70dB			Depressurizing mechanism		Leverage type: Solenoid pulls lever connected to spool
IP Standard N/A IP54 (DIN) IP Standard N/A IP54 (DIN) CE Marking Available for only standard pumps 5 Environment RoHS2 Loudness volume 64dB 70dB			Pump life	500 hours	1,500 hours
CE Marking Available for only standard pumps 5 Environment RoHS2 Incompliant Compliant 6 Maintenance Modular parts for replacing 64dB 70dB			Vibration resistance		4. 5G
5 Environment RoHS2 Incompliant Compliant 6 Maintenance Modular parts for replacing 64dB 70dB			IP Standard	N/A	IP54 (DIN)
Initial complete Notice Initial complete Initial complete Initial complete Initial complete			0	Availa	ble for only standard pumps
6 Maintenance Nedular parts for replacing	5	Environment	RoHS2	Incompliant	Compliant
6 Maintenance Modular parts for replacing			Loudness volume	64dB	70dB
**Page 8 contaminated check part N/A Available	-		Modular parts for replacing contaminated check part	N/A	Available
Air bleeding Push button plug Hex plug			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