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Oil lubrication system

Resistance method

Automatic intermittent piston pump MMXL-III



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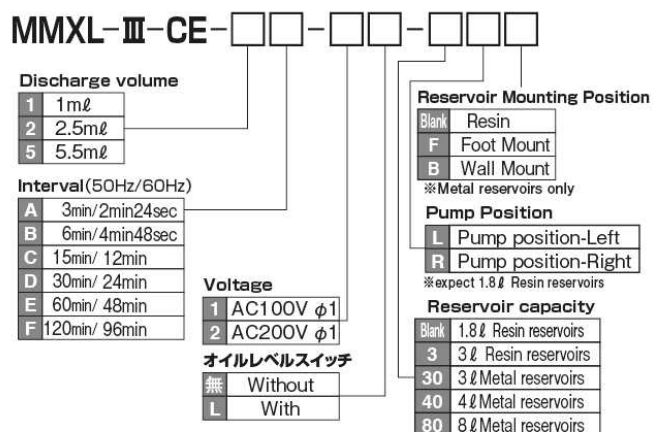


STEP drawing data browse

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Model indication method

Part Number	Part Number	Part Number	Part Number
MMXL-Ⅲ CE-1A-1	367001	MMXL-Ⅲ CE-2D-1	367022
MMXL-Ⅲ CE-1A-1L	367055	MMXL-Ⅲ CE-2D-1L	367076
MMXL-Ⅲ CE-1A-2	367007	MMXL-Ⅲ CE-2D-2	367028



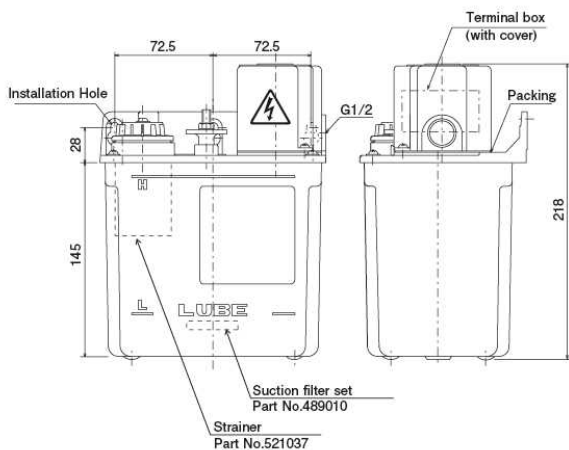
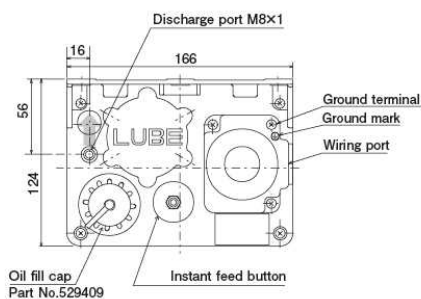
Specifications

Pump	Discharge Volume	0.2~1.0m ℓ /stroke
		1.5~2.5m ℓ /stroke
		2.5~5.5m ℓ /stroke
Motor	Discharge Pressure	0.3MPa
Emergency Detection	Oil Level Switch	AC100Vφ1/50mA
		AC200Vφ1/25mA (50Hz)
		AC100Vφ1/42mA
		AC200Vφ1/18mA (60Hz)
Operation Rating	Continuous	3W Synchronous Motor
Working Viscosity Range	32~1300mm ² /s	Contact Type A Contact (NO)
		ON at low level
		Contact capacity 0.5A,AC
		DC200V/30W smaller
Reservoir Capacity	1.8ℓ、3ℓ (plastic) 3ℓ、4ℓ、8ℓ (sheet metal)	
Weight	1.8ℓ with Reservoirs1.8kg	
Protection class	IP54 (CE Approved type)	

MMXL-ⅢCE-1A-2L	367061	MMXL-ⅢCE-2D-2L	367082
MMXL-ⅢCE-1B-1	367002	MMXL-ⅢCE-2E-1	367023
MMXL-ⅢCE-1B-1L	367056	MMXL-ⅢCE-2E-1L	367077
MMXL-ⅢCE-1B-2	367008	MMXL-ⅢCE-2E-2	367029
MMXL-ⅢCE-1B-2L	367062	MMXL-ⅢCE-2E-2L	367083
MMXL-ⅢCE-1C-1	367003	MMXL-ⅢCE-2F-1	367024
MMXL-ⅢCE-1C-1L	367057	MMXL-ⅢCE-2F-1L	367078
MMXL-ⅢCE-1C-2	367009	MMXL-ⅢCE-2F-2	367030
MMXL-ⅢCE-1C-2L	367063	MMXL-ⅢCE-2F-2L	367084
MMXL-ⅢCE-1D-1	367004	MMXL-ⅢCE-5A-1	367037
MMXL-ⅢCE-1D-1L	367058	MMXL-ⅢCE-5A-1L	367091
MMXL-ⅢCE-1D-2	367010	MMXL-ⅢCE-5A-2	367043
MMXL-ⅢCE-1D-2L	367064	MMXL-ⅢCE-5A-2L	367097
MMXL-ⅢCE-1E-1	367005	MMXL-ⅢCE-5B-1	367038
MMXL-ⅢCE-1E-1L	367059	MMXL-ⅢCE-5B-1L	367092
MMXL-ⅢCE-1E-2	367011	MMXL-ⅢCE-5B-2	367044
MMXL-ⅢCE-1E-2L	367065	MMXL-ⅢCE-5B-2L	367098
MMXL-ⅢCE-1F-1	367006	MMXL-ⅢCE-5C-1	367039
MMXL-ⅢCE-1F-1L	367060	MMXL-ⅢCE-5C-1L	367093
MMXL-ⅢCE-1F-2	367012	MMXL-ⅢCE-5C-2	367045
MMXL-ⅢCE-1F-2L	367066	MMXL-ⅢCE-5C-2L	367099
MMXL-ⅢCE-2A-1	367019	MMXL-ⅢCE-5D-1	367040
MMXL-ⅢCE-2A-1L	367073	MMXL-ⅢCE-5D-1L	367094
MMXL-ⅢCE-2A-2	367025	MMXL-ⅢCE-5D-2	367046
MMXL-ⅢCE-2A-2L	367079	MMXL-ⅢCE-5D-2L	367100
MMXL-ⅢCE-2B-1	367020	MMXL-ⅢCE-5E-1	367041
MMXL-ⅢCE-2B-1L	367074	MMXL-ⅢCE-5E-1L	367095
MMXL-ⅢCE-2B-2	367026	MMXL-ⅢCE-5E-2	367047
MMXL-ⅢCE-2B-2L	367080	MMXL-ⅢCE-5E-2L	367101
MMXL-ⅢCE-2C-1	367021	MMXL-ⅢCE-5F-1	367042
MMXL-ⅢCE-2C-1L	367075	MMXL-ⅢCE-5F-1L	367096
MMXL-ⅢCE-2C-2	367027	MMXL-ⅢCE-5F-2	367048
MMXL-ⅢCE-2C-2L	367081	MMXL-ⅢCE-5F-2L	367102

Dimensional Drawing

Directions for use



- Do not remove the oil strainer. It may cause contamination.
 - Replace or clean the suction filter once a year.
- Please see the adaptation table.
- Since oil changes its viscosity depending on the oil temperature in summer and winter, be careful to use it within the Working Viscosity Range. Please see the viscosity table.
 - Do not use special additive oil, water-soluble oil or solvent.
 - Regularly inspect the oil in use for contamination, etc. If any are found, immediately flush the tank and replace it with new oil.
 - Please be careful about mistakes such as voltage.
 - Do not overtighten the outlet fitting. Please refer to the tightening torque chart.
 - Do not forcibly depress the oil level adjustment knob.
 - Do not adjust the oil level when the oil level adjustment knob is raised. Please adjust at the lowest limit.

Warning

Improper handling can result in a death or serious injury.



Electrical shock may be received under certain conditions.

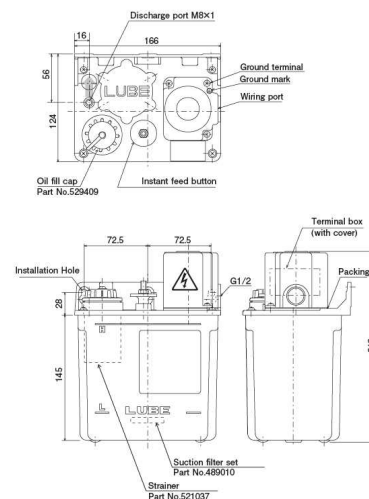


Be sure to ground.

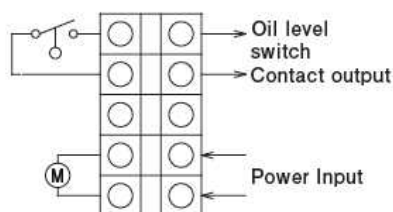
Replacement Motor Model

Interval			3分	6分	15分	30分	60分	120分
Motor speed rpm (50 Hz)			20	10	4	2	1	1/2
Replacement Motor Model	100V	Part Number	M-A1	M-B1	M-C1	M-D1	M-E1	M-F1
		Part Number	521210	521194	521193	520062	520061	520060
	200V	Part Number	M-A2	M-B2	M-C2	M-D2	M-E2	M-F2
		Part Number	521328	521196	521195	520067	520066	520065

Dimensional Drawing

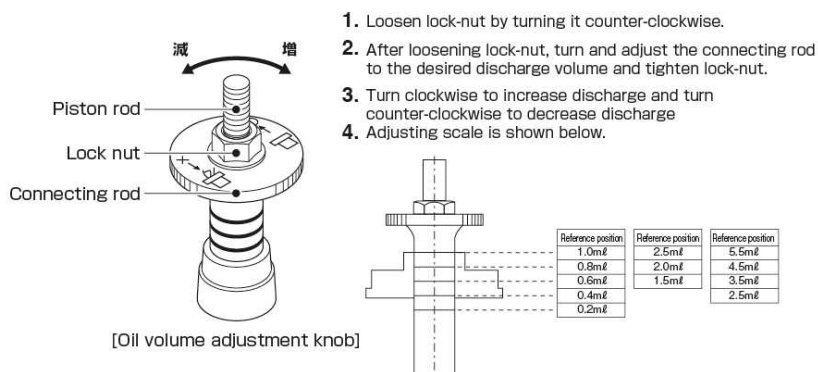


Wiring diagram



CE compliant

How to adjust the Discharge Volume



※ Since the balance of the amount of oil at each lubrication point changes when the amount of oil is adjusted, be sure to check with the machine manufacturer.

※ If you adjust the oil amount, the balance of the oil amount at each lubrication point will change, so be sure to check with the machine manufacturer.

Related product

HSA · HJB · HTU type(Flow unit) (https://lube-global.com/english/product.php?ItemID=131).	Junctions for Main Tubing PJ (https://lube-global.com/english/product.php?ItemID=136).	Tubing LineUp (https://lube-global.com/english/product.php?ItemID=166).	Pure pressure gauge (https://lube-global.com/english/product.php?ItemID=149).	Line Filter (https://lube-global.com/english/product.php?ItemID=147).
Pure pressure Switch (https://lube-global.com/english/product.php?ItemID=150).	CN · CB · CS · TI type(Compression · Parts) (https://lube-global.com/english/product.php?ItemID=187).	Adapters SA (https://lube-global.com/english/product.php?ItemID=21).	Resin reservoirs 0.8/1.8 l (https://lube-global.com/english/product.php?ItemID=140).	

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