

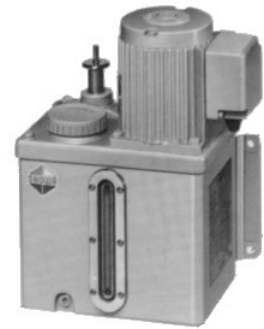
Showa Centralized Lubricating Systems

YMAS type (motor driven)

- Intermittent discharge accumulating pressure by an electric motor.
- A variety of cycle times can be chosen.
- Discharge volume can be adjusted by scale at the instant feed plunger.

Model	Cycle time (min)	Discharge volume (cc/cy)	Max. discharge pressure (kg/cm ²)	Reservoir capacity (l)
YMSA3*	1, 5, 15	1 ~ 3 Adjustable	5	2
YMAS6*	1, 5, 15, 30, 60, 120	3 ~ 6 Adjustable	4.5	2

*Motor voltage: 200/220V, Motor power: 10Wx4P



LA type (lever pump)

- Simple operation.
- Just pull and release the lever to lubricate.

Model	Discharge volume (cc/st)	Max. discharge pressure (kg/cm ²)	Reservoir capacity (cc)	Effective capacity (cc)
LA3	3	15	255	200
LA6	6	15	350	250
LA8(D)	8	15	600	400

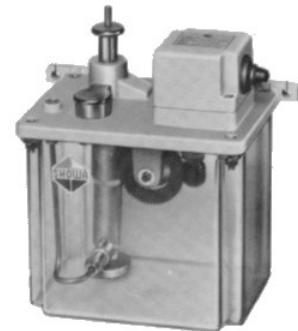


SMA type (motor driven)

- Intermittent discharge accumulating pressure by an electric motor.
- Cycle time variable.
- Optional float switch.

Model	Cycle time (min)	Discharge volume (cc/cy)	Max. discharge pressure (kg/cm ²)	Reservoir capacity (l)
SMA 3*	5, 10, 15, 30, 60, 120	1 ~ 3 Adjustable	2	2
SMA 6*	5, 10, 15, 30, 60, 120	3 ~ 6 Adjustable	3	2

*Motor voltage: 100, 110, 220V Motor power: 4W



SMD type (motor driven)

- SMD type similar to SMA type.
- Motor and pump spec.'s as per SMA type.
- Options available:
 - Terminal block
 - Chain
 - Float switch
 - Oil filter
 - Instant feed plunger cover

Model	Cycle time (min.)	Discharge volume (cc/cy)	Max. discharge pressure (kg/cm ²)	Reservoir capacity (l)
SMD 3*	5, 10, 15, 30, 60, 120	1 ~ 3 Adjustable	2	2
SMD 6*	5, 10, 15, 30, 60, 120	3 ~ 6 Adjustable	3	2

*Motor voltage: 100, 110, 220V Motor power: 4W

