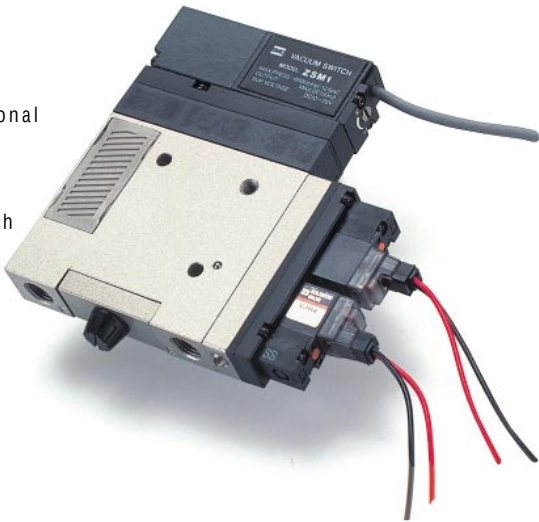




VACUUM EJECTOR
SERIES ZM

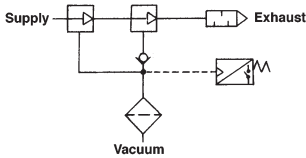
- ✓ All in one vacuum system
- ✓ Two stage nozzle design
- ✓ Suction flow rate 40% higher than traditional designs
- ✓ Silencer and suction filter
- ✓ Optional air supply and vacuum release valve
- ✓ Optional diaphragm or solid state vacuum switch
- ✓ Manifold mountable version



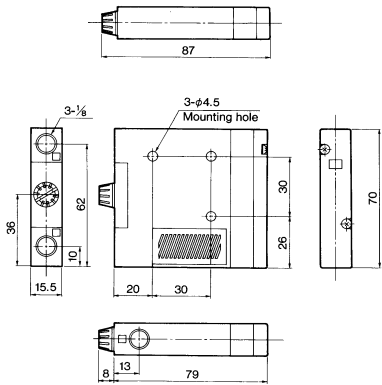
TECHNICAL
SPECIFICATIONS

Fluid	Air
Max. operating pressure	0.7MPa
Operating pressure	0.2~0.55MPa
Operating temperature	5 ~ 50°C (with valve) 5 ~ 60°C (without valve)
Operating valve (air supply and release valve)	Main: Poppet valve Pilot: VJ114
Switch	Solid state type ZSE1-0... Diaphragm state type ZSM1-0...
Suction filter	30µm PE (polyethylene)
Lubrication	Forbidden
Solenoid Supply	24V dc

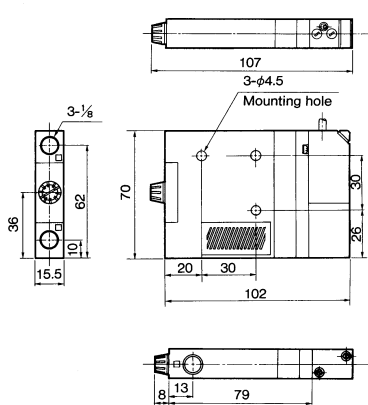
SYMBOLS



DIMENSIONS
BASIC TYPE



DIMENSIONS
WITH VACUUM SWITCH



HOW TO
ORDER

ZM VACUUM EJECTOR AND SWITCH

ZM — — — — Q

NOZZLE DIAMETER
05 ...0.5mm
07 ...0.7mm
10 ...1.0mm
13 ...1.3mm

TYPE
2Body ported
4Manifold type

SUPPLY PRESSURE
H0.5MPa
M0.35MPa

SWITCHES
Nil ...Without
E15L Solid State (NPN)
E55L Solid State (PNP)
M21L Reed
M15L Non-contact

Model	Standard Supply Pressure	Max. Vacuum Pressure	Max. Suction Flow	Air Consumption (l/min)
ZM05•H	5Kgf/cm ²	-630mmHg	18	12
ZM07•H	5Kgf/cm ²	-630mmHg	24	23
ZM10•H	5Kgf/cm ²	-630mmHg	36	46
ZM13•H	5Kgf/cm ²	-630mmHg	40	95
ZM07•M	3.5Kgf/cm ²	-630mmHg	20	16
ZM10•M	3.5Kgf/cm ²	-630mmHg	26	32
ZM13•M	3.5Kgf/cm ²	-630mmHg	36	70

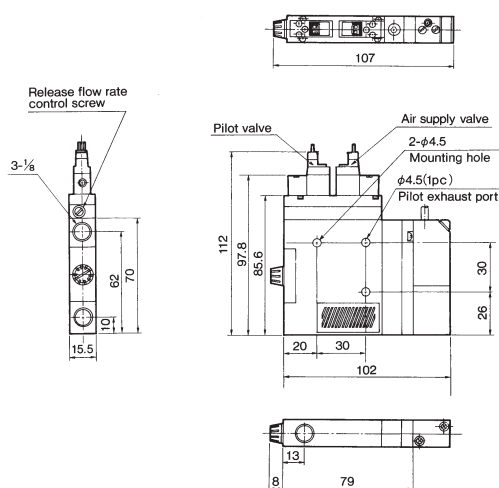
STOCKED PRODUCTS
FOR A LIST OF STOCKED PRODUCTS,
PLEASE SEE THE CURRENT SMC PRICE LIST



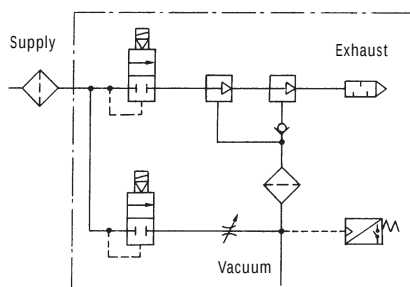
FOR FURTHER TECHNICAL
DETAILS ON THIS
PRODUCT REQUEST
CATALOGUE REFERENCE
E801

DIMENSIONS

WITH VALVE AND VACUUM SWITCH

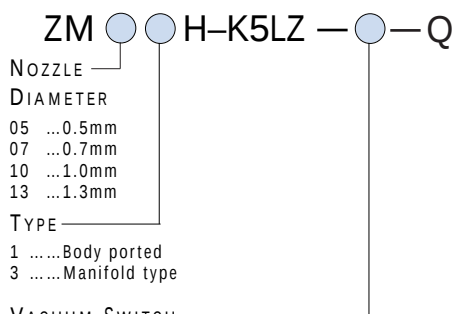


SYSTEM CIRCUIT



How To Order

ZM VACUUM EJECTOR WITH VALVES AND SWITCH



VACUUM SWITCH:

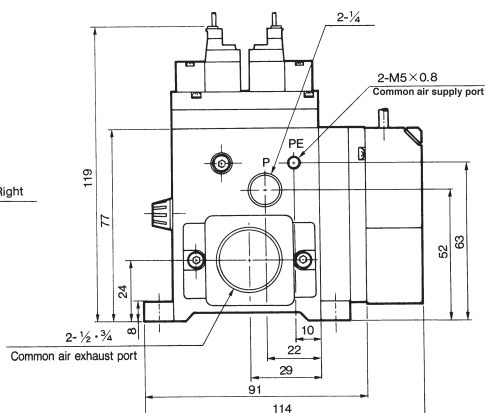
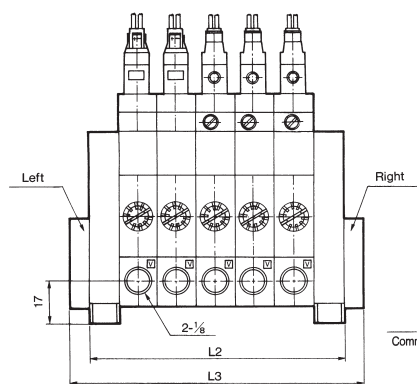
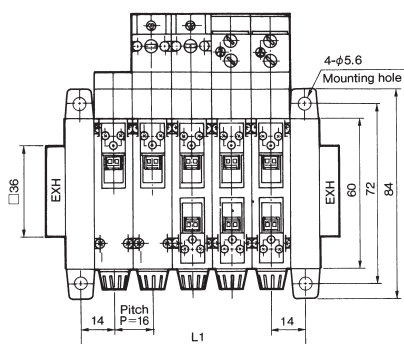
Nil ...Without
E15L Solid State (NPN)
E55L Solid State (PNP)
M21L Reed
M15L Non-contact

STOCKED PRODUCTS

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DIMENSIONS

ZM VACUUM EJECTOR MANIFOLD



SERIES ZM VACUUM EJECTOR MANIFOLD

- ✓ 1 – 10 Stations
- ✓ Common supply and exhaust
- ✓ Maintenance and adjustment is possible without disassembly of the manifold

Fitted with an optional silencer Series AN:
see section Air Preparation Accessories

n	1	2	3	4	5	6	7	8	9	10
L1	28	44	60	76	92	108	124	140	156	172
L2	40	56	72	88	104	120	136	152	168	184
L3	50	72	88	104	120	136	168	168	184	200



How To Order

ZM VACUUM EJECTOR MANIFOLD



NUMBER OF STATIONS

```
01 ...1 station
02 ...2 stations
to
10 ...10 stations
```

EXHAUST PORT

04 ... $\frac{7}{2}$
06 ... $\frac{3}{4}$

STOCKED PRODUCTS

FOR A LIST OF STOCKED PRODUCTS,
PLEASE SEE THE CURRENT SMC PRICE LIST



SEE INSIDE FRONT COVER FOR
DETAILS OF YOUR LOCAL SALES OFFICE



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E801