



Clean Room Series Compact Guide Cylinder

With air cushion

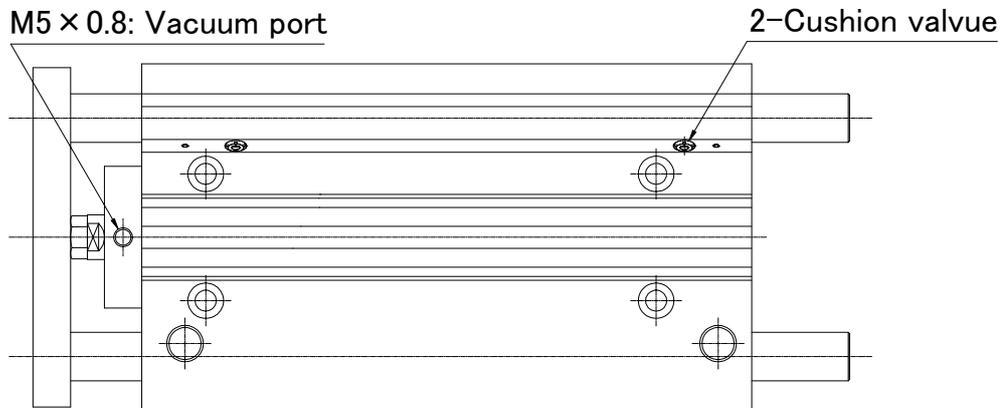
MGPL25-S2045

SMC CORPORATION
1-16-4 Shimbashi, Minato-ku
Tokyo 105-0004, JAPAN
URL: <http://www.smcworld.com>

Feature 1: With air cushion

Feature 2: Equivalent to clean room series 13-MGPL

Supplement: Equivalent to our clean series MGPL, vacuum type (Special treatment on sliding parts).
Please vacuum from a vacuum port with the reference suction flow of 5 L/min (ANR) for use.



Specifications

Action	Double acting type
Fluid	Air
Bore size	Ø25mm
Proof pressure	1.5MPa
Maximum operating pressure	1.0MPa
Minimum operating pressure	0.12MPa
Ambient and fluid temperature	-10 to 60°C (No freezing)
Piston speed	50 to 500mm/s
Cushion	Air cushion at both ends
Lubrication	Non-lube
Stroke length tolerance	+1.5 0 mm
Standard stroke [mm]	25, 50, 75, 100, 125, 150, 175, 200
Mounting bracket and accessory	Not available

How to Order

MGPL25-S2045-100

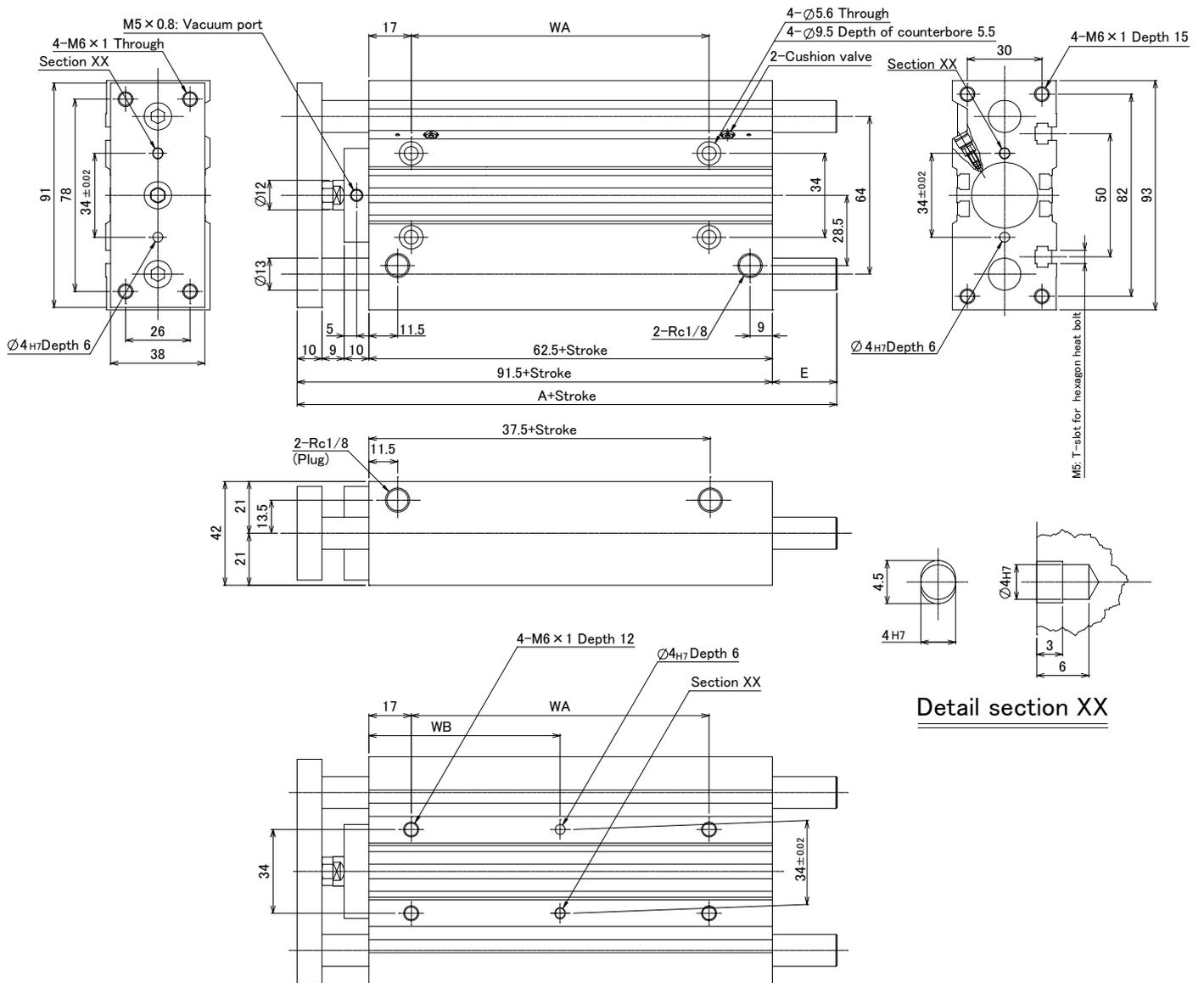
Ball bushing bearing

Standard stroke

25: 25mm, 50: 50mm, 75: 75mm, 100: 100mm
125: 125mm, 150: 150mm, 175: 175mm, 200: 200mm

Consult with our sales representative for stroke lengths other than those mentioned above.

Dimensions: mm



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	25 st	50, 75 st	Over 100 st
A	113.5	98.5	117.5
E	22	7	26

Dimensions: mm

	Under 75 st	100 to 175 st	Over 200 st
WA	44	120	200
WB	39	77	117

Note 1: This cylinder has a built-in magnet for auto switches.

Note 2: Auto switches applicable to this cylinder are the same as those for standard series MGP.

Please order auto switches separately.

Note 3: Please refer to our Best Pneumatics catalog 2 for part numbers, specifications and precautions of auto switches.



Caution

To ensure the safest possible operation of this product, please be sure to read thoroughly the "Safety Instructions" in our "Best Pneumatics" (general catalog) before use.