

2PG050
2×4mm
100N

2PG064
2×6mm
220N

2PG080
2×8mm
360N

2PG100
2×10mm
550N

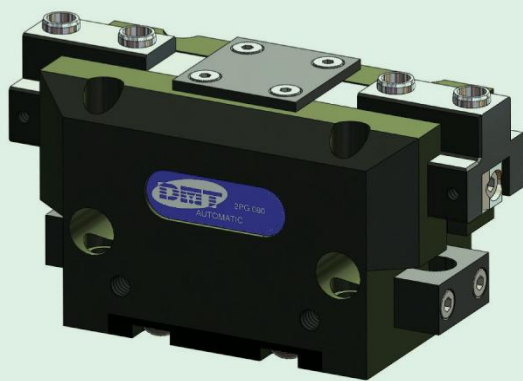
2PG125
2×13mm
800N

2PG160
2×16mm
1200N

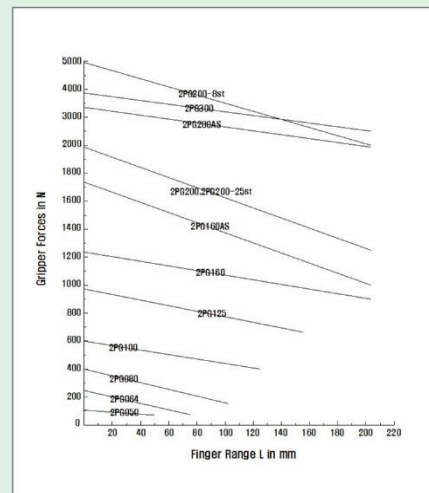
2PG200
2×20mm
1700N

2-Finger-Parallel-Gripper

TYPE : 2PG



〈 Gripper의 최대 파지력과 모멘트 〉



Distinction

- Compact Design
- Low Weight
- High Gripping Force
- High Reliability and Long Life

- 소형, 경량 구조
- 높은 파지력
- 높은 신뢰성과 긴 수명

- ▶ Principle of operation : Over Wedges Mechanically Restricted Guidance, Transmission of Force Through Surfaces
- ▶ Material : Housing is Made of High-tensile Hard-coated Aluminium Alloy ; Functional Parts are Made of Hardened Steel
- ▶ Actuation : Pneumatic, Compressed Air Filtered(10μm), Dry or Lubricated
- ▶ Range of Operating Pressure : From 2 to 8Bars
- ▶ Operating Temperature : From 5℃~60℃(41°F to 140°F)
- ▶ Accessories : Proximity Switches

- ▶ 작동원리 : 쐐기형, 평형개폐형
- ▶ 재질 : AL(Hard-Coated) Hardened Steel
- ▶ 구동원 : Pneumatic
- ▶ 사용압력 : 2~8bars
- ▶ 사용온도 : 5℃~60℃

2-Finger-Parallel-Grippers

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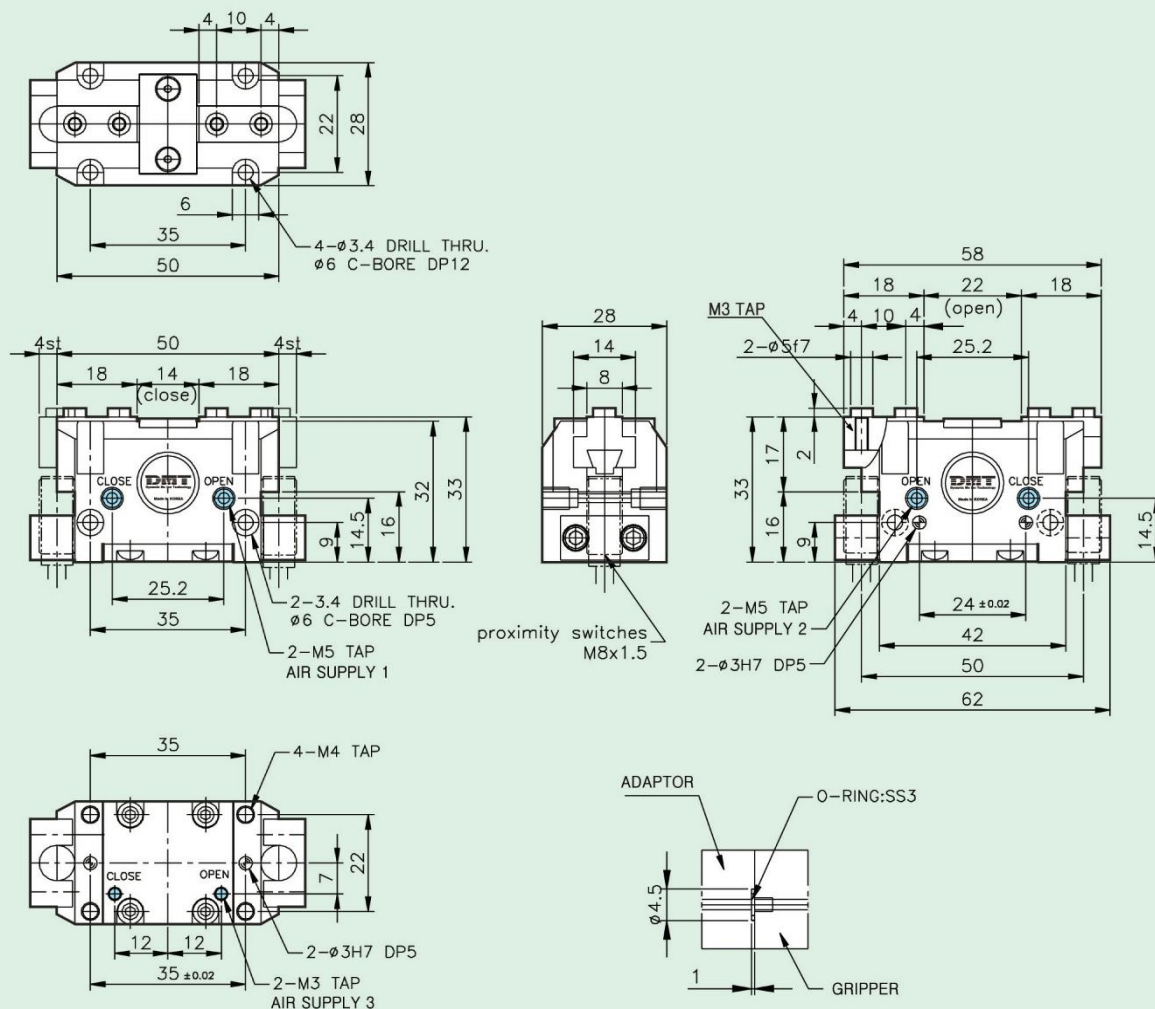
2PG200
2×20mm
1700N

2-Finger-Parallel-Gripper 2PG 050

Type	Stroke per finger	*Gripping force at 6 bars	*Workpiece weight (recom.)	Air consump. per doublestroke	Opening time	Closing time	Mass	Mass moment of inertia	Repeat ability	Max. Finger length
2PG050	4mm	100N	0.5kg	5cm ³	0.02s	0.02s	0.1kg	0.5kg cm ³	0.01mm	50mm

* Gripping force = arithmetic sum of the individual forces occurring at the fingers, distance "P" at 6 bars.

Dimension for 2PG050



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100N

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2PG080
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360N

2PG100
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550N

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2×13mm
800N

2PG160
2×16mm
1200N

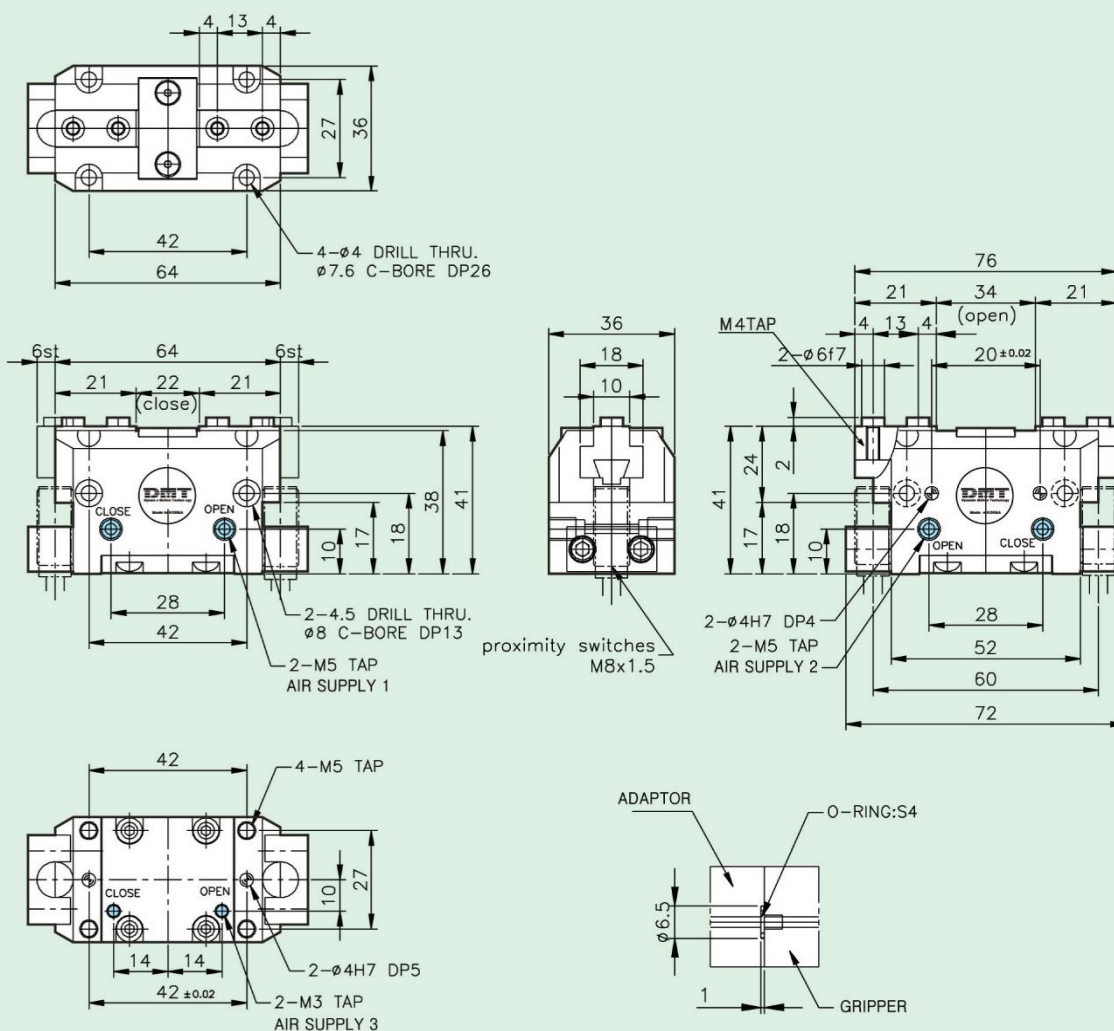
2PG200
2×20mm
1700N

2-Finger-Parallel-Gripper 2PG 064

Type	Stroke per finger	*Gripping force at 6 bars	*Workpiece weight (recom.)	Air consump. per doublestroke	Opening time	Closing time	Mass	Mass moment of inertia	Repeat ability	Max. Finger length
2PG064	6mm	220N	1.2kg	10cm ³	0.02s	0.02s	0.22kg	1.2kg cm ³	0.01mm	64mm

* Gripping force = arithmetic sum of the individual forces occurring at the fingers, distance "P" at 6 bars.

Dimension for 2PG064



2PG050
2×4mm
100N

2PG064
2×6mm
220N

2PG080
2×8mm
360N

2PG100
2×10mm
550N

2PG125
2×13mm
800N

2PG160
2×16mm
1200N

2PG200
2×20mm
1700N

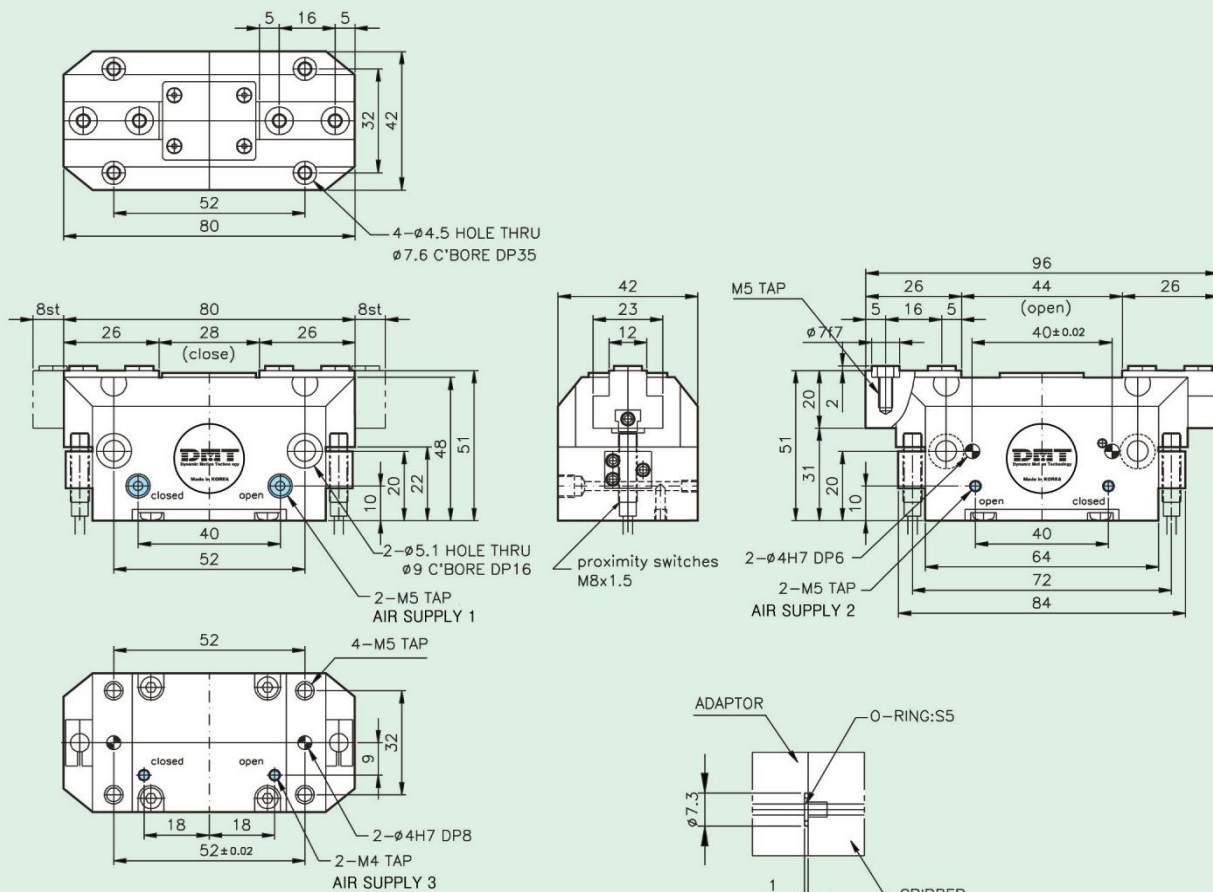
2-Finger-Parallel-Gripper 2PG 080

Type	Stroke per finger	*Gripping force at 6 bars	*Workpiece weight (recom.)	Air consump. per doublestroke	Opening time	Closing time	Mass	Mass moment of inertia	Repeat ability	Max. Finger length
2PG080	8mm	360N	1.8kg	20cm ³	0.03s	0.03s	0.46kg	2kg cm ³	0.01mm	80mm

* Gripping force = arithmetic sum of the individual forces occurring at the fingers, distance "P" at 6 bars.

Dimension for 2PG080

2
F
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2-Finger-Parallel-Grippers

2PG050
2×4mm
100N

2PG064
2 × 6mm
220N

2PG080
2 × 8mm
360N

2PG100
2 × 10mm
550N

2PG125
2 × 13mm
800N

2PG160
2×16mm
1200N

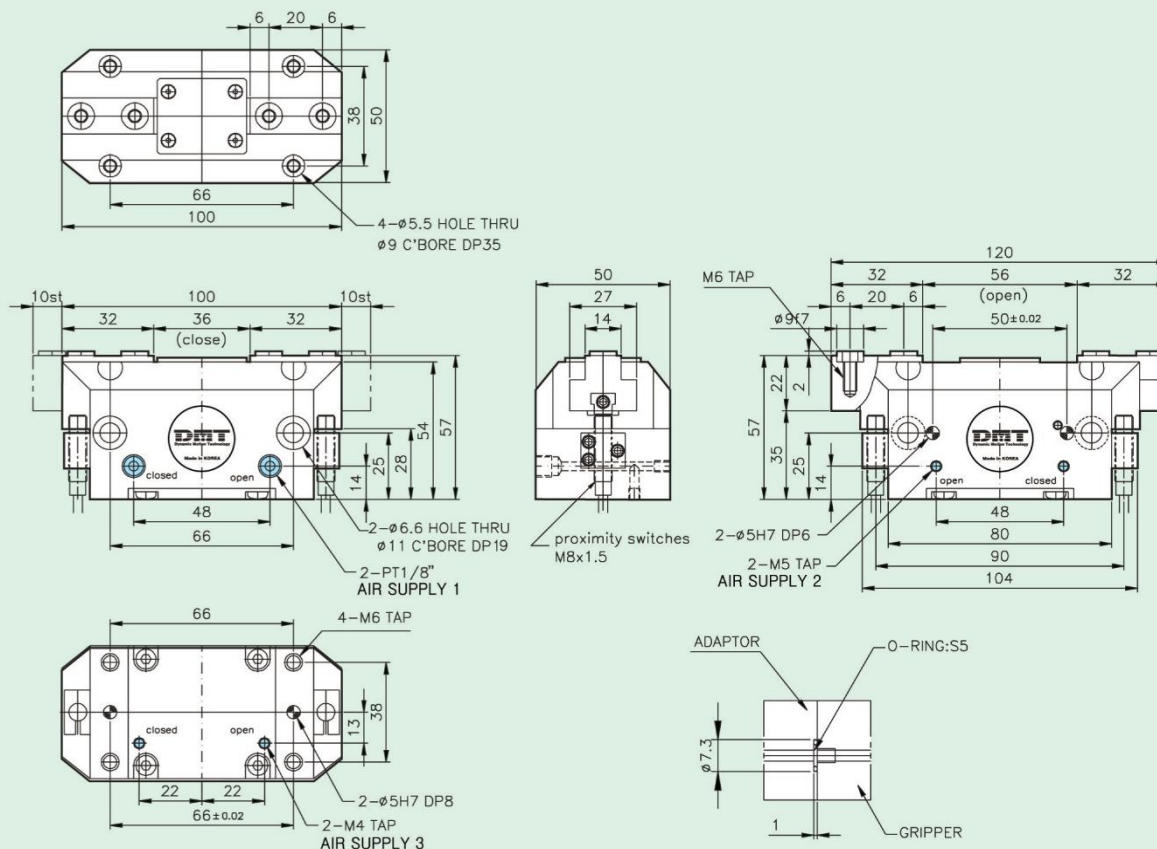
2PG200
2×20mm
1700N

2-Finger-Parallel-Gripper 2PG 100

Type	Stroke per finger	*Gripping force at 6 bars	*Workpiece weight (recom.)	Air consump. per doublestroke	Opening time	Closing time	Mass	Mass moment of inertia	Repeat ability	Max. Finger length
2PG100	10mm	550N	2.8kg	40cm³	0.05s	0.05s	0.76kg	10kg cm³	0.01mm	100mm

* Gripping force = arithmetic sum of the individual forces occurring at the fingers, distance "P" at 6 bars.

Dimension for 2PG100



2PG050
2×4mm
100N

2PG064
2×6mm
220N

2PG080
2×8mm
360N

2PG100
2×10mm
550N

2PG125
2×13mm
800N

2PG160
2×16mm
1200N

2PG200
2×20mm
1700N

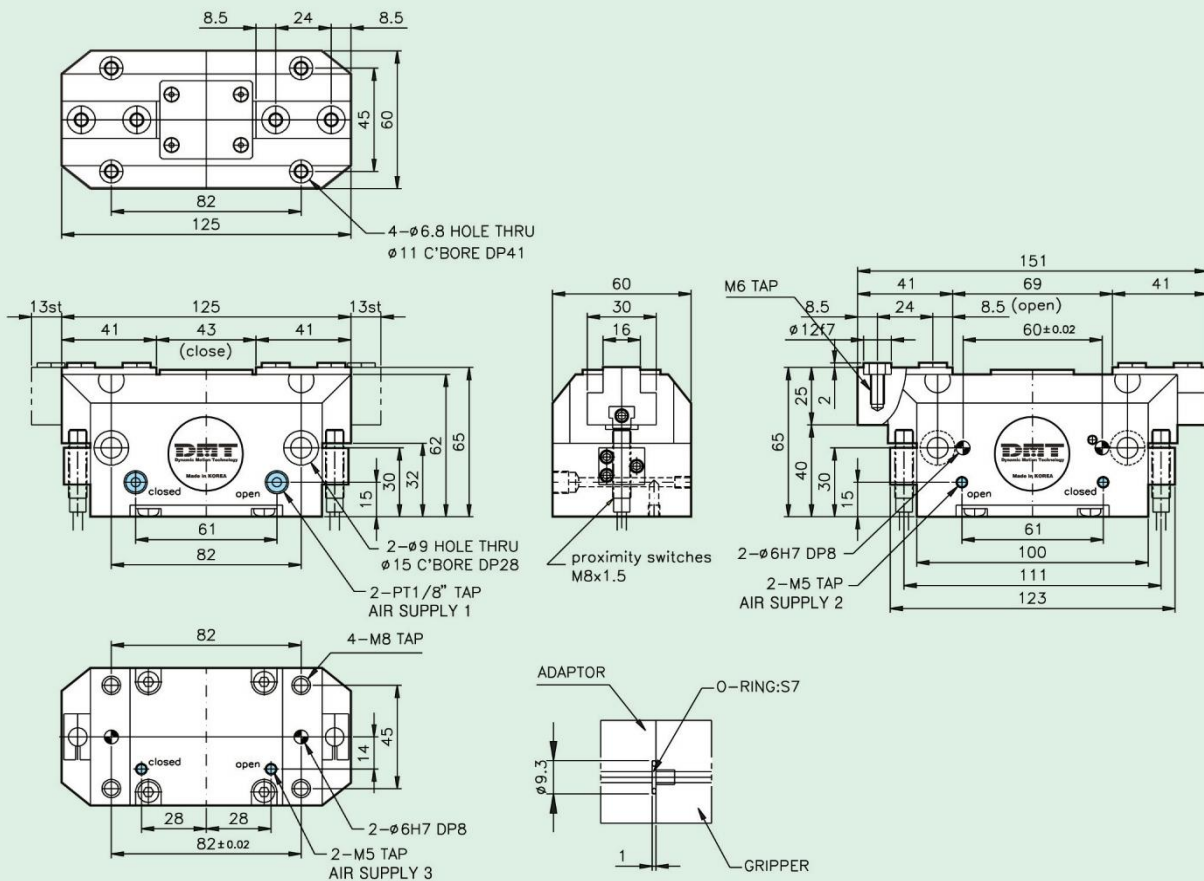
2-Finger-Parallel-Gripper 2PG 125

Type	Stroke per finger	*Gripping force at 6 bars	*Workpiece weight (recom.)	Air consump. per doublestroke	Opening time	Closing time	Mass	Mass moment of inertia	Repeat ability	Max. Finger length
2PG125	13mm	800N	4.5kg	70cm ³	0.08s	0.08s	1.22kg	21kg cm ³	0.02mm	125mm

* Gripping force = arithmetic sum of the individual forces occurring at the fingers, distance "P" at 6 bars.

Dimension for 2PG125

2
F
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G
E
R



2-Finger-Parallel-Grippers

2PG050
2×4mm
100N

2PG064
2×6mm
220N

2PG080
2×8mm
360N

2PG100
2×10mm
550N

2PG125
2×13mm
800N

2PG160
2×16mm
1200N

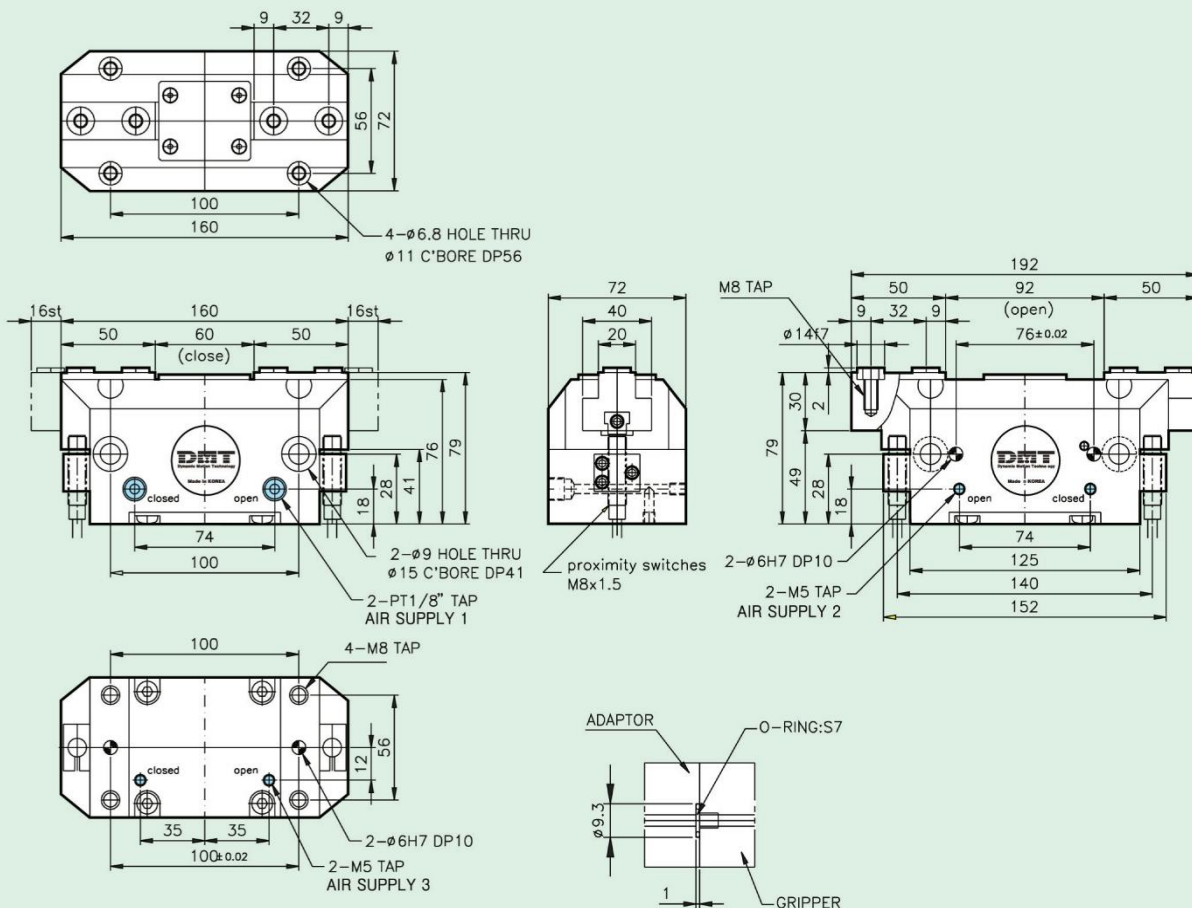
2PG200
2×20mm
1700N

2-Finger-Parallel-Gripper 2PG 160

Type	Stroke per finger	*Gripping force at 6 bars	*Workpiece weight (recom.)	Air consump. per doublestroke	Opening time	Closing time	Mass	Mass moment of inertia	Repeat ability	Max. Finger length
2PG160	16mm	1200N	6.5kg	140cm ³	0.1s	0.1s	2.36kg	64kg cm ³	0.02mm	160mm

* Gripping force = arithmetic sum of the individual forces occurring at the fingers, distance "P" at 6 bars.

Dimension for 2PG160



2PG050
2×4mm
100N

2PG064
2×6mm
220N

2PG080
2×8mm
360N

2PG100
2×10mm
550N

2PG125
2×13mm
800N

2PG160
2×16mm
1200N

2PG200
2×20mm
1700N

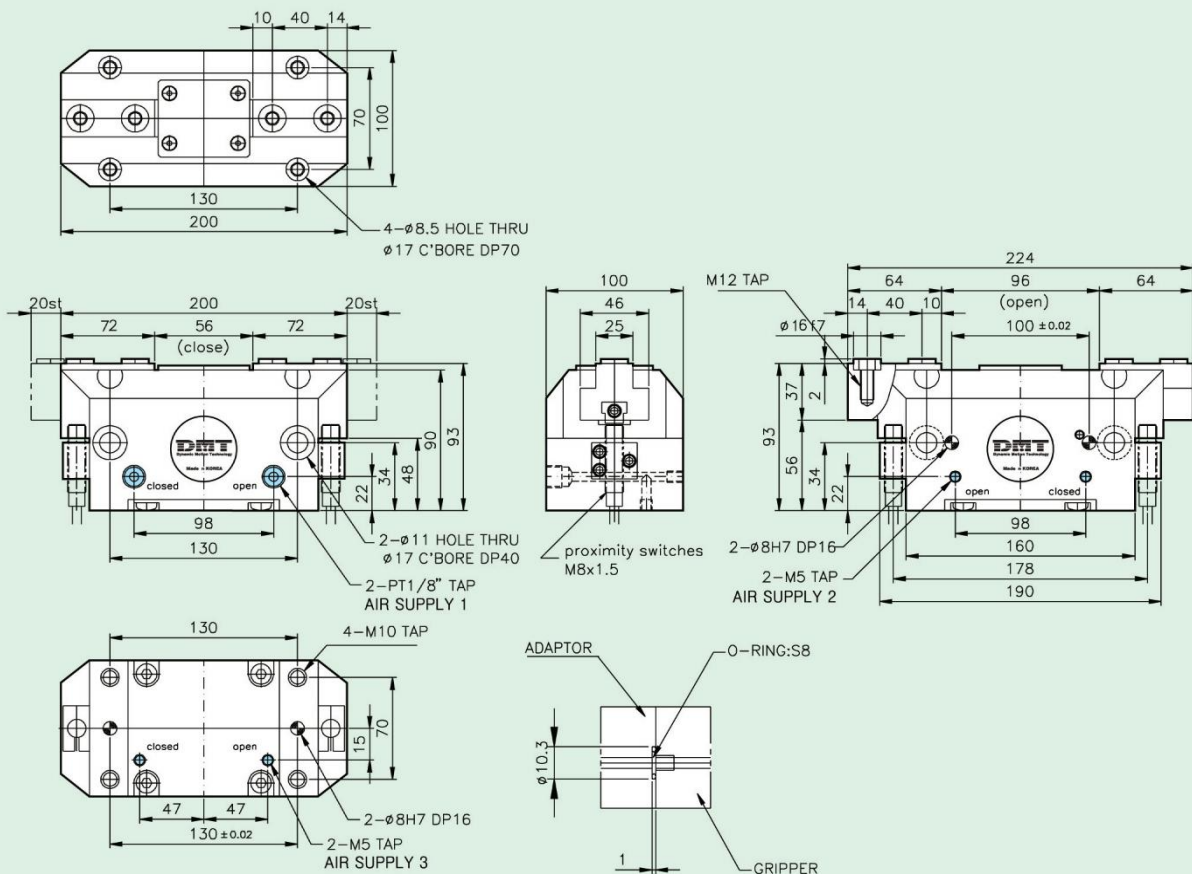
2-Finger-Parallel-Gripper 2PG 200

Type	Stroke per finger	*Gripping force at 6 bars	*Workpiece weight (recom.)	Air consump. per doublestroke	Opening time	Closing time	Mass	Mass moment of inertia	Repeat ability	Max. Finger length
2PG200	20mm	1700N	8.5kg	306cm ³	0.03s	0.03s	4.67kg	230kg cm ³	0.02mm	200mm

* Gripping force = arithmetic sum of the individual forces occurring at the fingers, distance "P" at 6 bars.

Dimension for 2PG200

2
F
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G
E
R



2-Finger-Parallel-Grippers

2PG200-8ST
2 × 8mm
3800N

2PG200-25ST
2 × 25mm
1873N

2PG300
2 × 35mm
4800N

2PG160AS
2 × 16mm
1700N

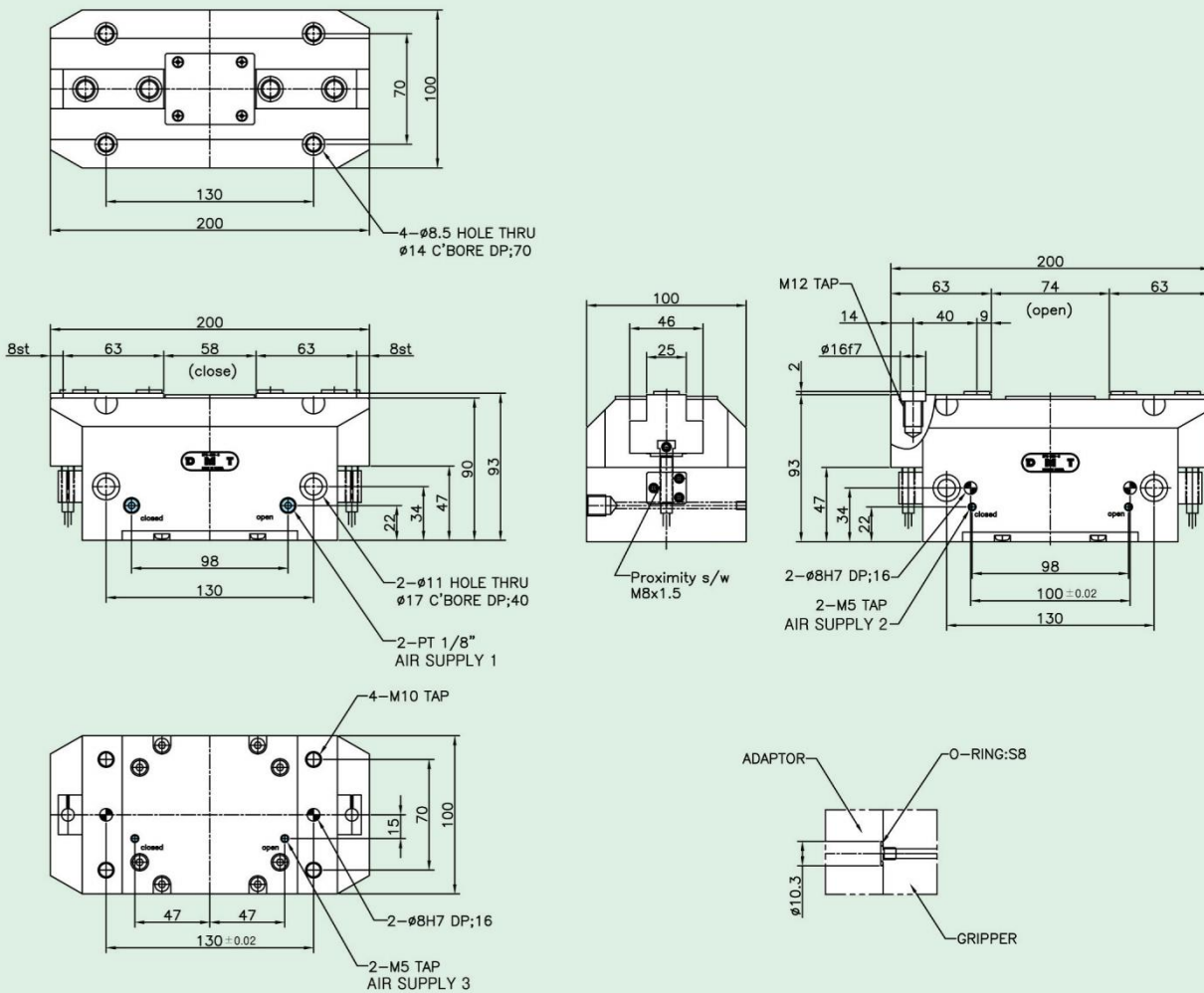
2PG200AS
2 × 25mm
3200N

2-Finger-Parallel-Gripper 2PG 200-8ST

Type	Stroke per finger	*Gripping force at 6 bars	*Workpiece weight (recom.)	Air consump. per doublestroke	Opening time	Closing time	Mass	Mass moment of inertia	Repeat ability	Max. Finger length
2PG200-8	8mm	3800N	19kg	306cm ³	0.5s	0.5s	4.78kg	230kg cm ³	0.04mm	200mm

* Gripping force = arithmetic sum of the individual forces occurring at the fingers, distance "P" at 6 bars.

Dimension for 2PG200-8ST



2-Finger-Parallel-Grippers

2PG200-8ST
2×8mm
3800N

2PG200-25ST
2×25mm
1873N

2PG300
2×35mm
4800N

2PG160AS
2×16mm
1700N

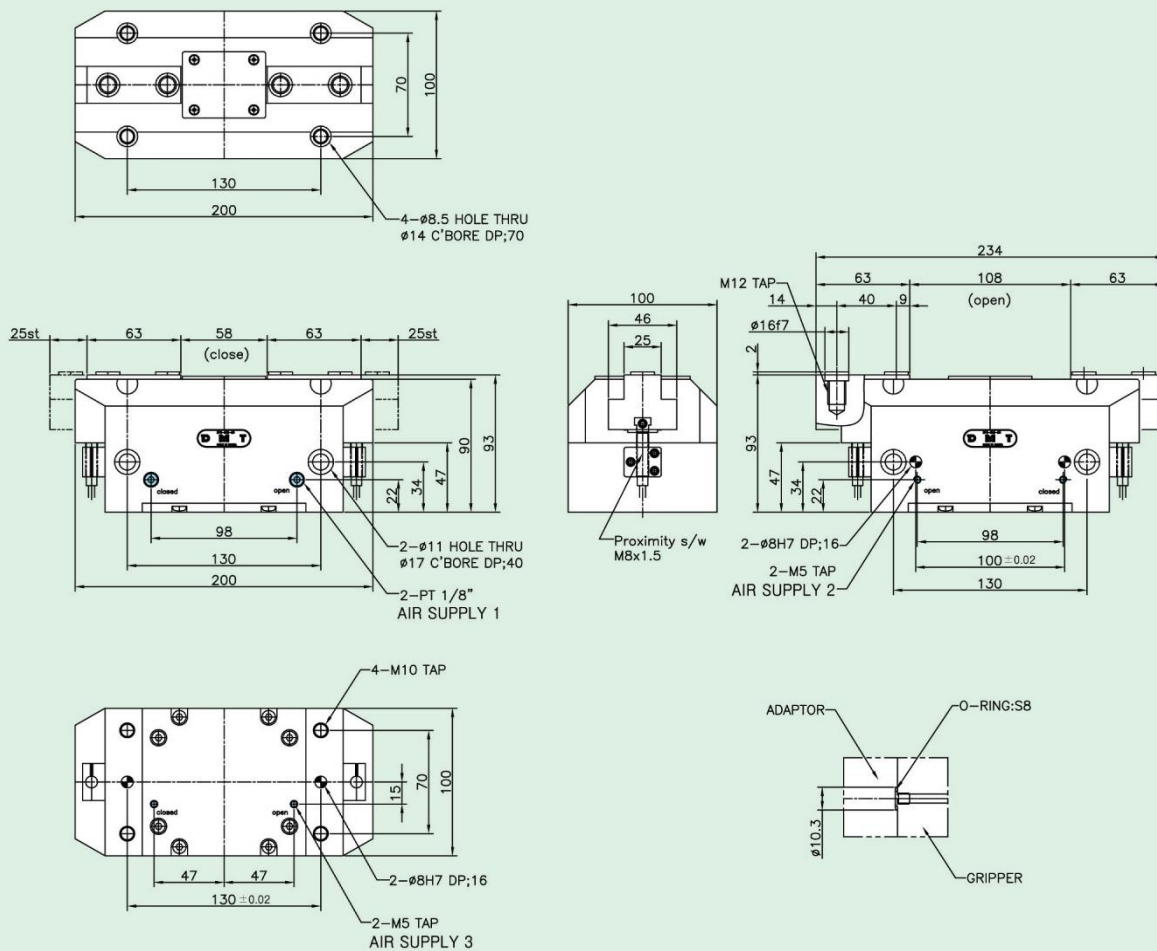
2PG200AS
2×25mm
3200N

2-Finger-Parallel-Gripper 2PG 200-25ST

Type	Stroke per finger	*Gripping force at 6 bars	*Workpiece weight (recom.)	Air consump. per doublestroke	Opening time	Closing time	Mass	Mass moment of inertia	Repeat ability	Max. Finger length
2PG200-25	25mm	1873N	9.5kg	306cm ³	0.9s	0.9s	4.78kg	230kg cm ³	0.04mm	200mm

* Gripping force = arithmetic sum of the individual forces occurring at the fingers, distance "P" at 6 bars.

Dimension for 2PG200-25ST



2
F
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2-Finger-Parallel-Grippers

2PG200-8ST
2 × 8mm
3800N

2PG200-25ST
2 × 25mm
1873N

2PG300
2 × 35mm
4800N

2PG160AS
2 × 16mm
1700N

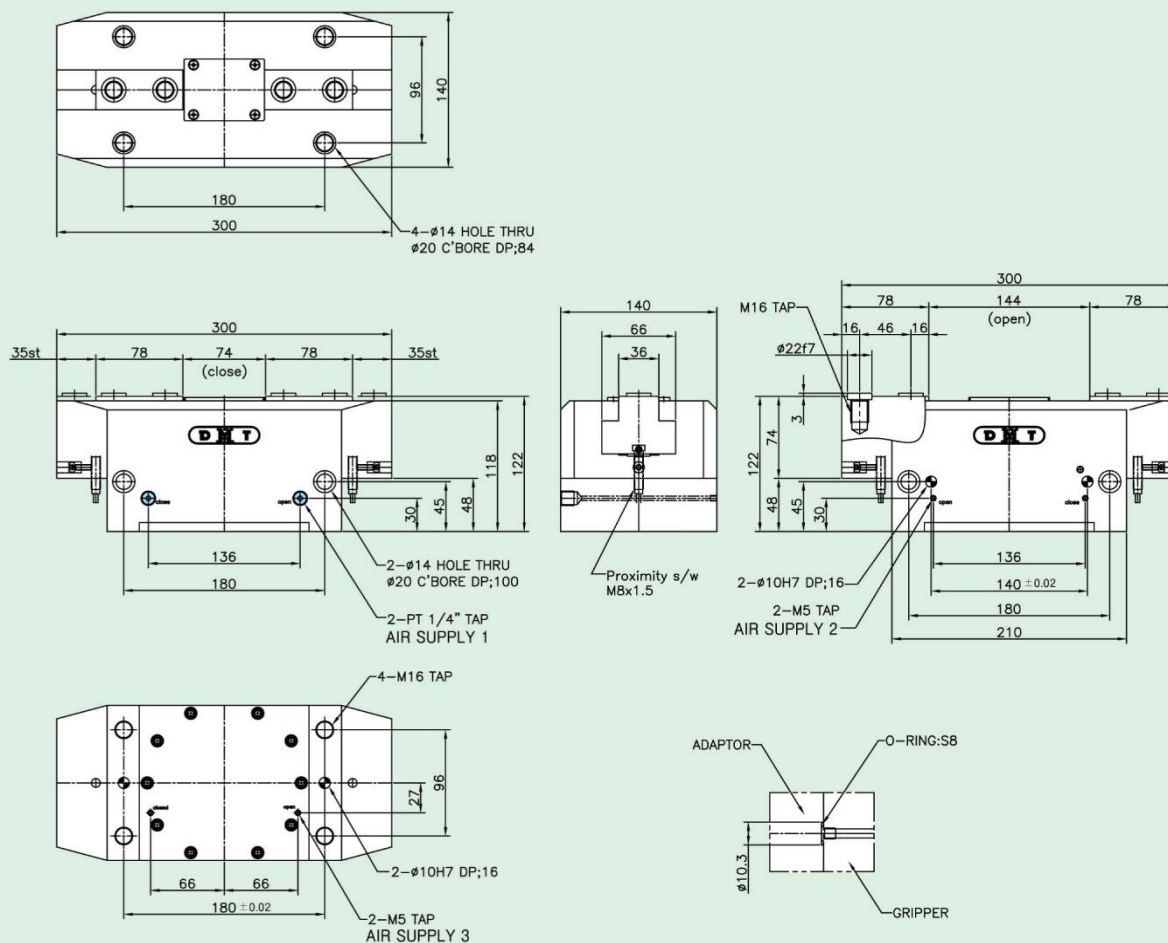
2PG200AS
2 × 25mm
3200N

2-Finger-Parallel-Gripper 2PG 300

Type	Stroke per finger	*Gripping force at 6 bars	*Workpiece weight (recom.)	Air consump. per doublestroke	Opening time	Closing time	Mass	Mass moment of inertia	Repeat ability	Max. Finger length
2PG300	35mm	4800N	24kg	810cm ³	0.7s	0.7s	12.1kg	1110kg cm ³	0.04mm	300mm

* Gripping force = arithmetic sum of the individual forces occurring at the fingers, distance "P" at 6 bars.

Dimension for 2PG300



2-Finger-Parallel-Grippers

2PG200-8ST
2 × 8mm
3800N

2PG200-25ST
2 × 25mm
1873N

2PG300
2 × 35mm
4800N

2PG160AS
2 × 16mm
1700N

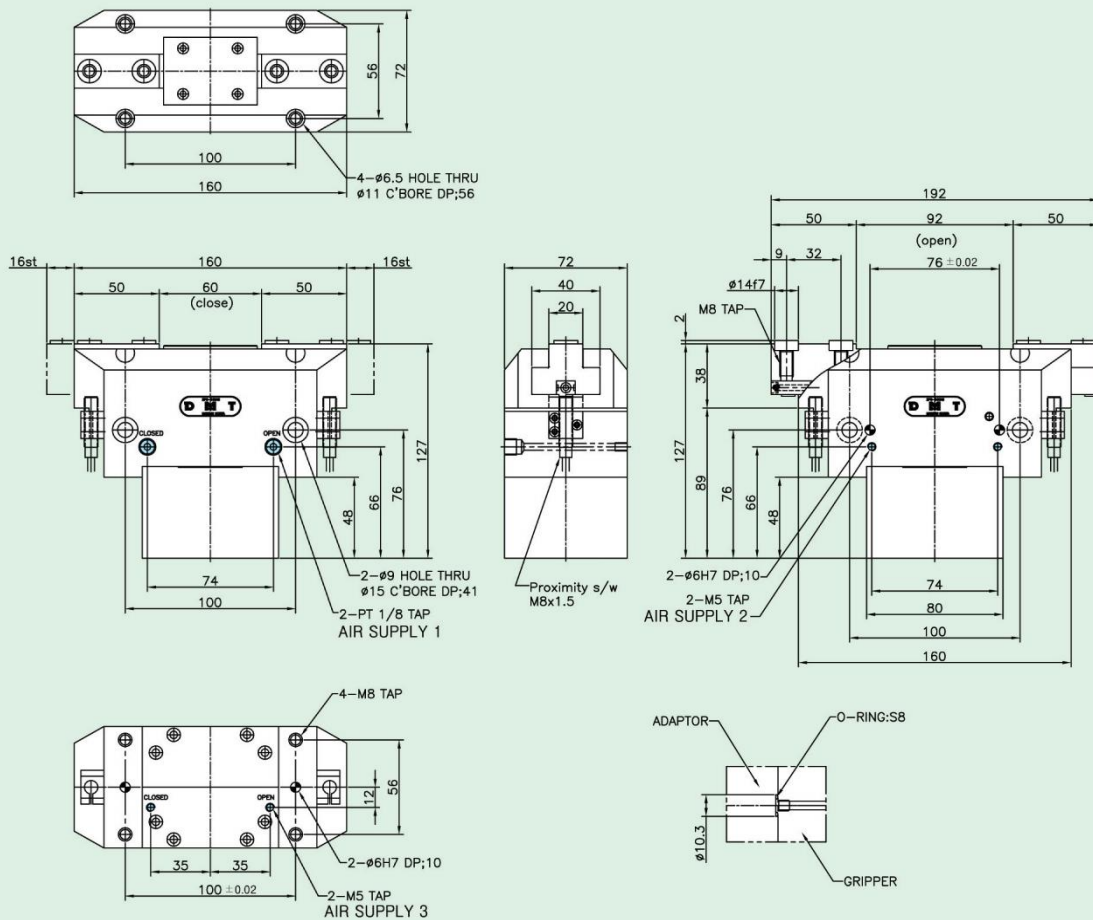
2PG200AS
2 × 25mm
3200N

2-Finger-Parallel-Gripper 2PG 160AS

Type	Stroke per finger	*Gripping force at 6 bars	*Workpiece weight (recom.)	Air consump. per doublestroke	Opening time	Closing time	Mass	Mass moment of inertia	Repeat ability	Max. Finger length
2PG160AS	16mm	1700N	6kg	140cm ³	0.3s	0.2s	3.12kg	64kg cm ³	0.02mm	160mm

* Gripping force = arithmetic sum of the individual forces occurring at the fingers, distance "P" at 6 bars.

Dimension for 2PG-160AS



2
F
I
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R

2-Finger-Parallel-Grippers

2PG200-8ST
2 × 8mm
3800N

2PG200-25ST
2 × 25mm
1873N

2PG300
2 × 35mm
4800N

2PG160AS
2 × 16mm
1700N

2PG200AS
2 × 25mm
3200N

2-Finger-Parallel-Gripper 2PG 200AS

Type	Stroke per finger	*Gripping force at 6 bars	*Workpiece weight (recom.)	Air consump. per doublestroke	Opening time	Closing time	Mass	Mass moment of inertia	Repeat ability	Max. Finger length
2PG200AS	25mm	3200N	8.5kg	306cm ³	0.7s	0.3s	5.9kg	290kg cm ³	0.02mm	200mm

* Gripping force = arithmetic sum of the individual forces occurring at the fingers, distance "P" at 6 bars.

Dimension for 2PG-200AS

