

PAS 25

0-180°
3Nm

PAS 34

0-180°
12Nm

PAS 40

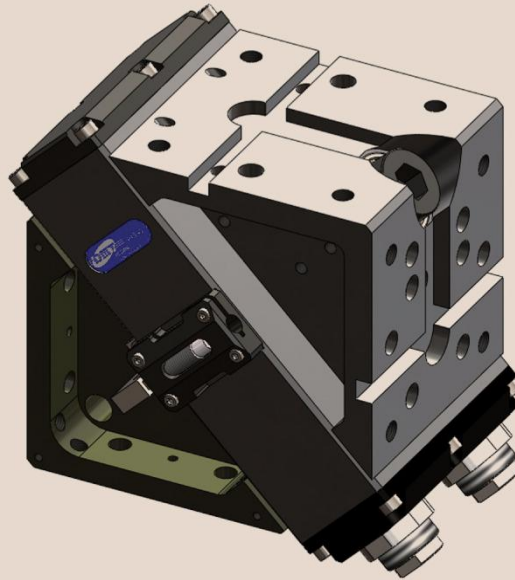
0-180°
22Nm

PAS 50

0-180°
45Nm

Swivel Head

TYPE : PAS



Distinction

- Compact design
- High payload
- Integrated shock absorption of the end positions
- Swivelling angle from 0 to 180°
- Integrated, patented 5-fold energy supply without hoses
- Integrated feeding for up to 4 signals for proximity switches
- 소형, 경량 구조
- Double power system으로 고Torque 실현
- 강력한 Shockabsorber내장
- Sensor cable 및 Air 공급용 Hole의 내장으로 외부에 돌출되지 않음.
- 회전각도 : 0° ~ 180° (조정가능)

- ▶ Principle of operation : drive via synchronized double rack and pinion
- ▶ Material : housing is made of high-tensile, hard-coated aluminium alloy ; functional parts are hardened steel
- ▶ Actuation : pneumatic, compressed air filtered(10 μ m), dry or lubricated
- ▶ Range of operating pressure : from 4.5 to 8bars
- ▶ Operating temperature : form 5° to 60 $^{\circ}$ C(41 $^{\circ}$ F to 140 $^{\circ}$ F)
- ▶ Accessories : proximity switches, adapter plates for gripper attachment without hoses
- ▶ 재질 : 몸체 AL(Hard-Coated)
작동부위 Hardened Steel
- ▶ 구동원 : Pneumatic
- ▶ 사용압력 : 4.5~8bars
- ▶ 사용온도 : 5 $^{\circ}$ C~60 $^{\circ}$ C



Angle Swivel Unit

PAS 25
0-180°
3Nm

PAS 34
0-180°
12Nm

PAS 40
0-180°
22Nm

PAS 50
0-180°
45Nm

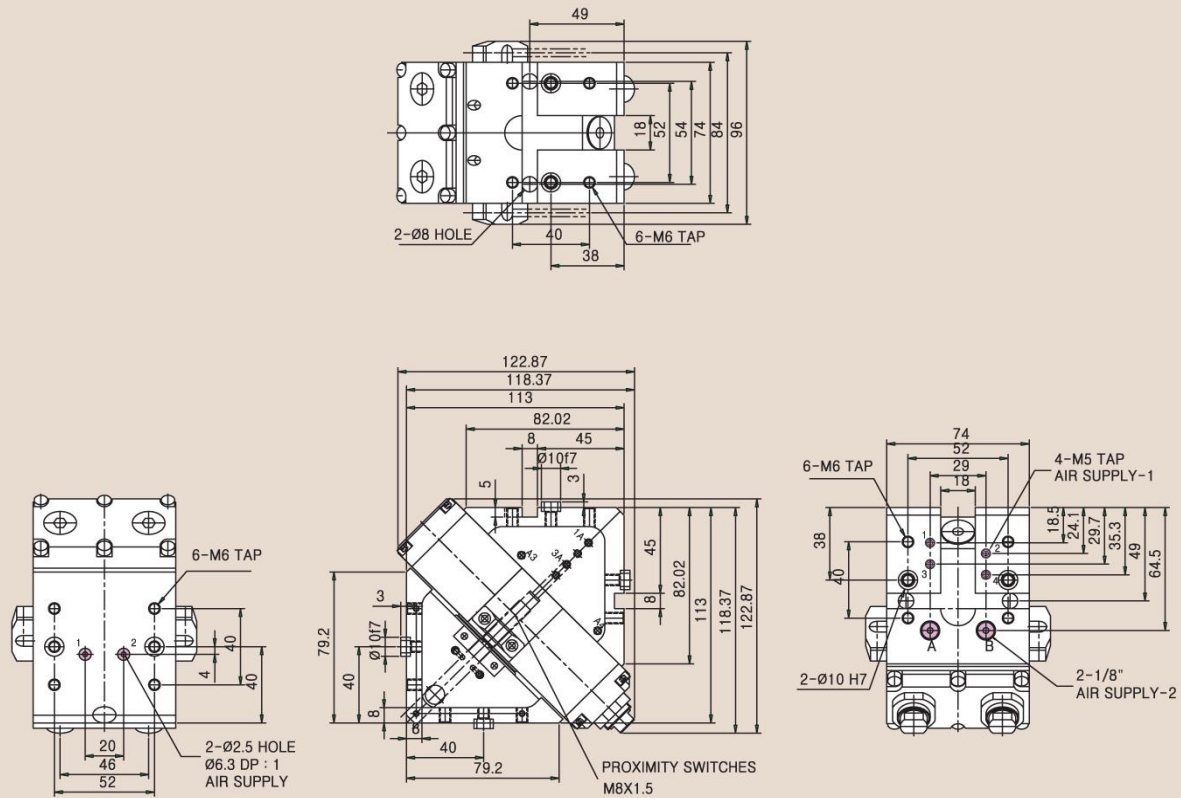
Angled Swivel Units PAS 25

Type	**Torque	No. of air feed ports	Axial bearing load	Radial bearing load	Air consumption for 1×180°	Cycle time (1×180° without load)	Mass	Mass moment of inertia	*Repeat ability
PAS 25	3Nm	4	600N	10.4Nm	22cm ³	0.3s	2.5kg	45kg	0.1°

* Control of end positions, in relation to the base body, after 100 consecutive swivelling cycles.

** Actuation piston double-acting.

Dimension for PAS 25



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PAS 40
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22Nm

PAS 50
0-180°
45Nm

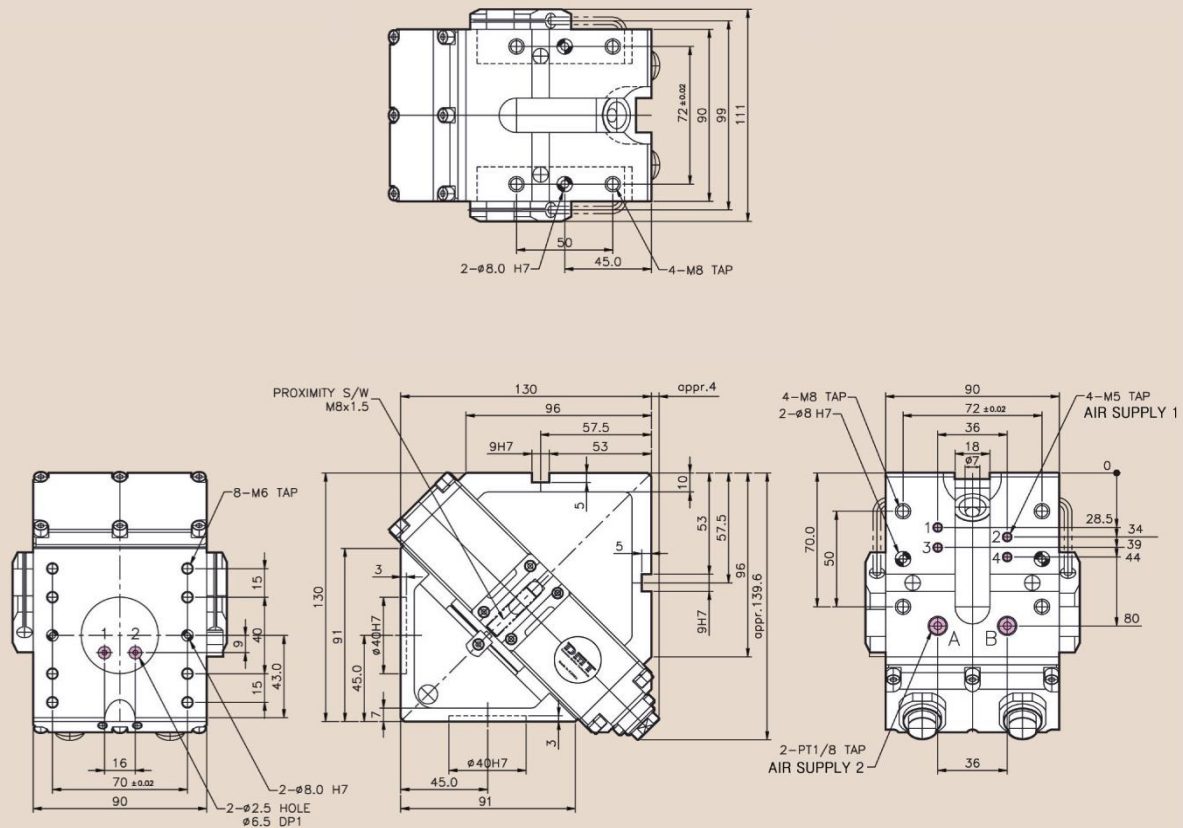
Angled Swivel Units PFS 34

Type	**Torque	No. of air feed ports	Axial bearing load	Radial bearing load	Air consumption for 1×180°	Cycle time (1×180° without load)	Mass	Mass moment of inertia	*Repeat ability
PAS 34	12 Nm	5	750 N	15.4 Nm	35 cm ³	0.4s	3.8kg	155kg cm ³	0.1°

* Control of end positions, in relation to the base body, after 100 consecutive swivelling cycles.

** Actuation piston double-acting.

Dimension for PAS 34



PAS 25
0-180°
3Nm

PAS 34
0-180°
12Nm

PAS 40
0-180°
22Nm

PAS 50
0-180°
45Nm

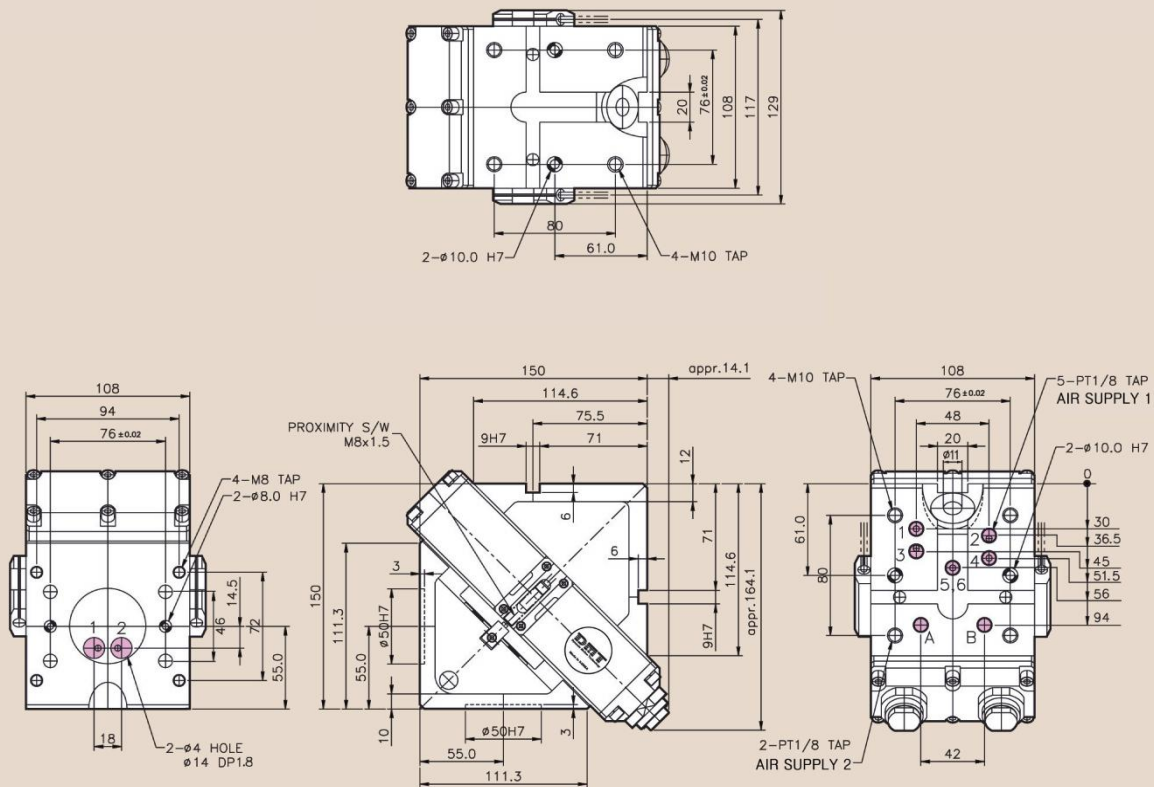
Angled Swivel Units PFS 40

Type	**Torque	No. of air feed ports	Axial bearing load	Radial bearing load	Air consumption for 1×180°	Cycle time (1×180° without load)	Mass	Mass moment of inertia	*Repeat ability
PAS40	22 Nm	4	2900 N	38.8 Nm	252 cm ³	0.8s	6.4kg	240kg cm ³	0.1°

* Control of end positions, in relation to the base body, after 100 consecutive swivelling cycles.

** Actuation piston double-acting.

Dimension for PAS 40





Angle Swivel Unit

PAS 25
0-180°
3Nm

PAS 34
0-180°
12Nm

PAS 40
0-180°
22Nm

PAS 50
0-180°
45Nm

Angled Swivel Units PFS 50

Type	**Torque	No. of air feed ports	Axial bearing load	Radial bearing load	Air consumption for 1×180°	Cycle time (1×180° without load)	Mass	Mass moment of inertia	*Repeat ability
PAS50	45 Nm	5	9000 N	340 Nm	768 cm ³	1.2s	15.4kg	1850kg cm ³	0.1°

* Control of end positions, in relation to the base body, after 100 consecutive swivelling cycles.

** Actuation piston double-acting.

Dimension for PAS 50

