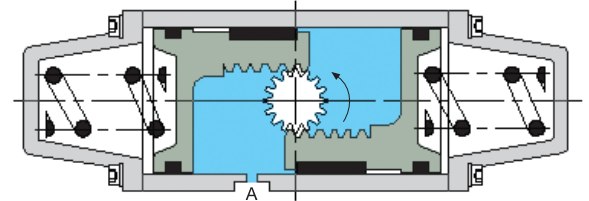


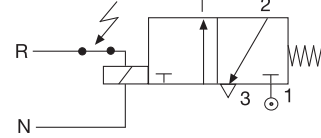


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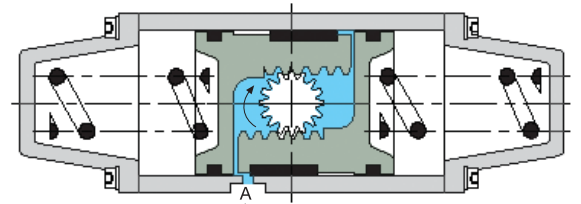
Çalışma prensibi / Principle of Operation



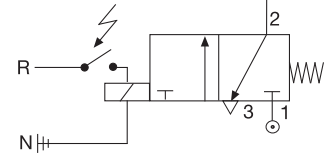
Şekil / Figure :3



Tek etkili aktüatörlerde 3/2 valfi uygulaması
 Application of 3/2 valve in pneumatic actuators



Şekil / Figure :4



Besleme basıncı A'dan verildiğinde pistonlar aktüatör kapağına doğru hareket eder, yayı sıkıştırarak aktüatör milini 90° döndürür. (Şekil 3)

Basıncılı hava kesildiğinde yaylar pistonları iter ve aktüatör milini normal konuma getirir. (Şekil 4)

When the compressed air is applied to port A, the pistons will move to the end cap. Springs will be pressed between end cap and pistons. Pistons make the pinion rotate 90° (Figure 3)

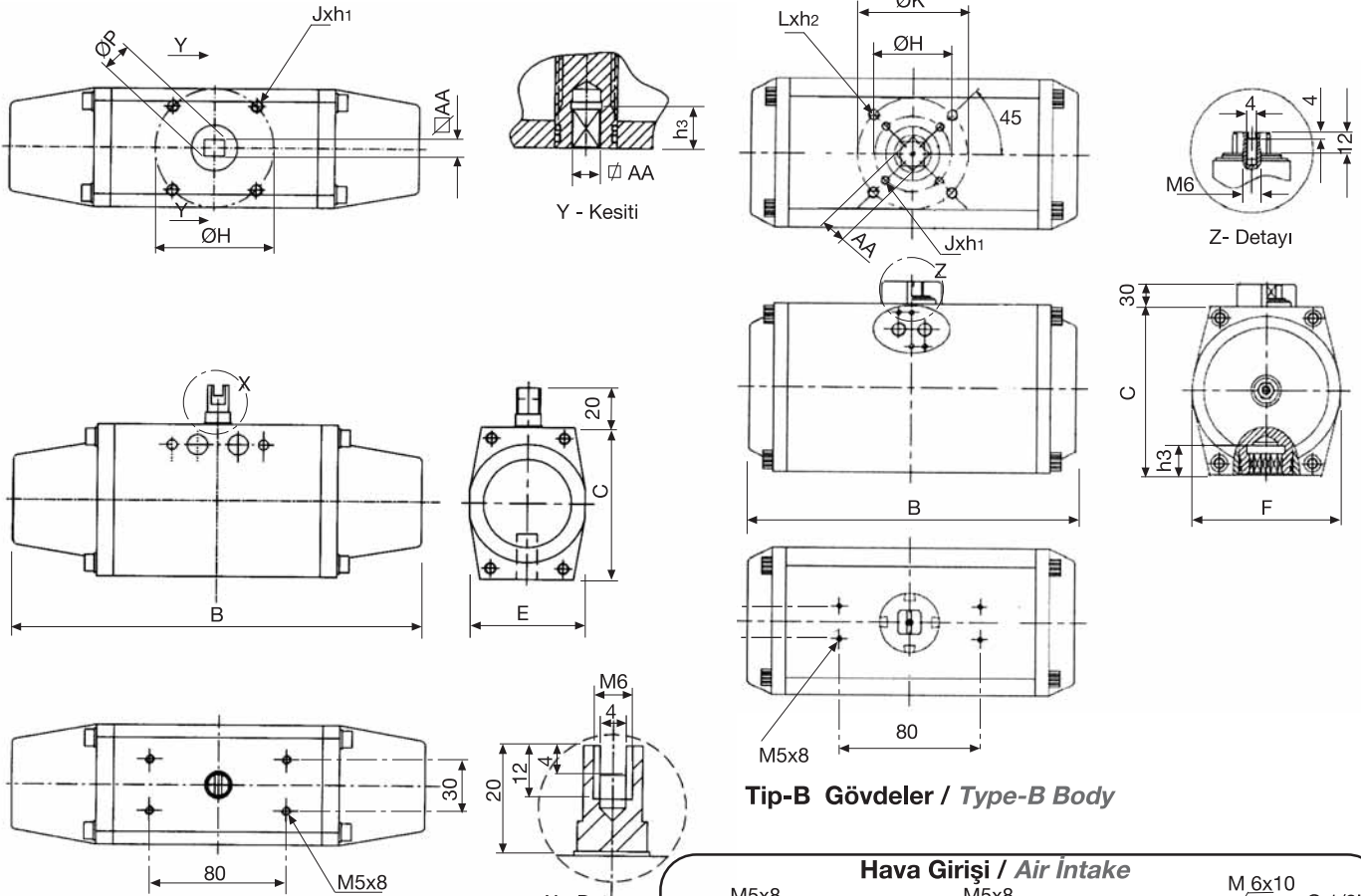
When the compressed air failed the rotation will be in reverse direction because of the time force of springs. At this time A port is exhaust. (Figure 4)

Moment Değerleri / Moment Values
 (Nm)

| Model | Basınç Pressure (Bar) 6 |
|---------------|-------------------------|
| T - PA 40 TE | 4 |
| T - PA 50 TE | 7 |
| T - PA 60 TE | 13 |
| T - PA 70 TE | 21 |
| T - PA 80 TE | 32 |
| T - PA 90 TE | 44 |
| T - PA 100 TE | 62 |
| T - PA 125 TE | 143 |
| T - PA 140 TE | 254 |
| T - PA 160 TE | 363 |
| T - PA 210 TE | 780 |
| T - PA 270 TE | 1868 |
| T - PA 300 TE | 2221 |
| T - PA 350 TE | 3071 |

6 Bar için / For 6 Bar.

| Model | Hava tüketimi Air consumption (lt) |
|---------------|------------------------------------|
| T - PA 40 TE | 0.3 |
| T - PA 50 TE | 0.7 |
| T - PA 60 TE | 1.0 |
| T - PA 70 TE | 1.5 |
| T - PA 80 TE | 2.2 |
| T - PA 90 TE | 3.2 |
| T - PA 100 TE | 4.3 |
| T - PA 125 TE | 1.85 |
| T - PA 140 TE | 3.2 |
| T - PA 160 TE | 5.1 |
| T - PA 210 TE | 9.8 |
| T - PA 270 TE | 30 |
| T - PA 300 TE | 46 |
| T - PA 350 TE | 53 |

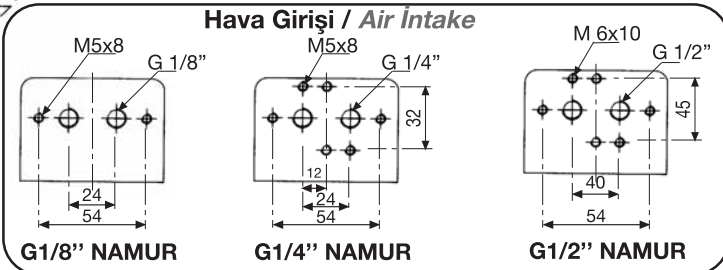


Tip-A Gövdeler / Type-A Body

Tip-B Gövdeler / Type-B Body

Not :
 1. Vana bağlantı kısmı ISO 52211
 2. T-PA 90...210 direk 1/4" NAMUR standartlarındadır.
 3. T-PA 270...350 direk 1/2" NAMUR standartlarındadır.
 4. Diğer modeller PLEYT kullanılarak 1/4" NAMUR bağlanabilir

Note:
 1. Valve Connection Port ISO 52211
 2. T-PA 90 ... 210 Standard is 1/4" NAMUR
 3. T-PA 270 ... 350 Standard is 1/2" NAMUR
 4. Other modelb can be connected 1/4" NAMUR by using PLATE



| Model | Ölçüler / Dimension (mm) | | | | | | | | | | | Hava Girişi Air Intake | Ağırlık Weight (Kg) |
|---------------|--------------------------|-----|-----|-------|------------|----------------|---------|--------|------------------|-----|-------------------|---------------------------|------------------------|
| | Tip | B | C | E / F | AA | h ₃ | ØP | ØH | Jxh ₁ | ØK | ØLxh ₂ | | |
| T - PA 40 TE | A | 143 | 70 | 53 | 9 | 10 | 12.4 | 36-42 | M5 x 8 | - | - | G1/8" | 0.95 |
| T - PA 50 TE | A | 198 | 80 | 63 | *9/11 | 10/12 | 14.6 | *42-50 | M6 x 9 | - | - | G1/8" | 1.49 |
| T - PA 60 TE | A | 243 | 90 | 75 | *9/11/*14 | 10/12/16 | 14.6/18 | 50-70 | M6 x 9 | - | - | G1/8" | 2.56 |
| T - PA 70 TE | A | 277 | 100 | 85 | *11/14 | 12/16 | 18 | 50-70 | M8 x 12 | - | - | G1/8" | 3.50 |
| T - PA 80 TE | A | 285 | 117 | 96 | *11/14/*17 | 12/16/19 | 18 | 50-70 | M8 x 12 | - | - | G1/8" | 4.67 |
| T - PA 90 TE | A | 312 | 128 | 108 | *14/17 | 16/19 | 22.6 | 70 | M8 x 12 | - | - | G1/4" | 6.25 |
| T - PA 100 TE | A | 385 | 140 | 120 | *14/17 | 16/19 | 22.6 | 70 | M8 x 12 | 102 | M10 x 15 | G1/4" | 9.15 |
| T - PA 125 TE | B | 306 | 160 | 137 | *17/22 | 26 | - | 70 | M8 x 13 | 102 | M10 x 16 | G1/4" | 10.40 |
| T - PA 140 TE | B | 400 | 170 | 150 | *22/27 | 31 | - | 102 | M10 x 16 | 125 | M12 x 30 | G1/4" | 14.70 |
| T - PA 160 TE | B | 465 | 197 | 172 | *22/27 | 31 | - | 102 | M10 x 16 | 125 | M12 x 30 | G1/4" | 21.90 |
| T - PA 210 TE | B | 536 | 260 | 226 | *27/36 | 40 | - | - | - | 140 | M16 x 25 | G1/4" | 43.90 |
| T - PA 270 TE | B | 715 | 320 | 294 | *36/46 | 50 | - | - | - | 165 | M20 x 25 | G1/2" | 62.00 |
| T - PA 300 TE | B | 765 | 350 | 324 | *36/46 | 60 | - | - | - | 165 | M20 x 25 | G1/2" | 118.00 |
| T - PA 350 TE | B | 860 | 408 | 380 | *36/46 | 60 | - | - | - | 165 | M20 x 25 | G1/2" | 234.40 |