



### Sipariş Kodu / Ordering Code

**KCL 40 R 90 S**

Manyetik / Magnet

Dönme Açısı / Swivel Angle

Dönüş Yönü / Rotation Way

Çap / Bore Size (mm)

Model / Model

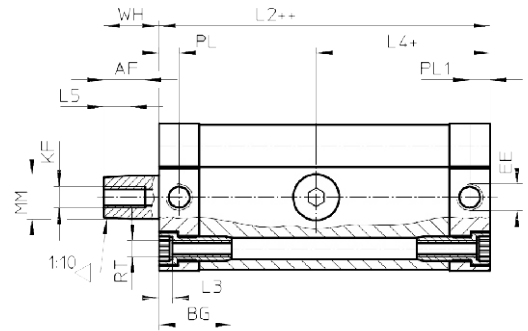
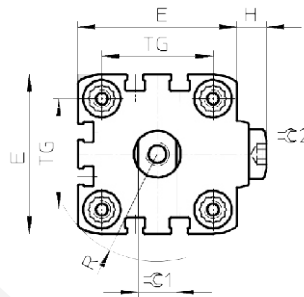
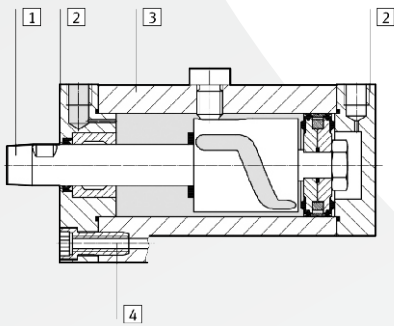
İşletme basıncı / Operating pressure [bar]

2 ... 10

Ortam Sıcaklığı<sup>1</sup> / Ambient temperature [°C]

-10 ... +80

| Çap / Bore (mm)                                                    | 12                                                                                                          | 16         | 20         | 25         | 32                                    | 40         | 50         | 63         |
|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|------------|------------|------------|---------------------------------------|------------|------------|------------|
| Pnömatik Bağlantı / Pneumatic Connection                           | M5                                                                                                          | M5         | M5         | M5         | G1/8                                  | G1/8       | G1/8       | G1/8       |
| Piston Mili Dişi / Piston Rod Thread                               | M3                                                                                                          | M4         | M6         | M6         | M8                                    | M8         | M10        | M10        |
| İşletim Ortamı / Operating medium                                  | ISO 8573-1: 2010 [7: 4: 4'e göre basınçlı hava / Compressed air to ISO 8573-1:2010 [7:4:4                   |            |            |            |                                       |            |            |            |
| İşletim / Pilot Ortamı / Operating/Pilot Medium                    | Yağlanmış operasyon mümkün. / Lubricated operation possible                                                 |            |            |            |                                       |            |            |            |
| Tasarım / Design                                                   | Piston, Piston Kolu, Silindir Namlu / Piston, Piston Rod, Cylinder barrel                                   |            |            |            |                                       |            |            |            |
| Yastıklama / Cushioning                                            | Her iki uçta elastik yastıklama halkaları / pedleri. / Elastic cushioning rings/pads at both ends.          |            |            |            |                                       |            |            |            |
| Konum Algılama / Position Sensing                                  | Yakınlık sensörü için / For proximity sensor                                                                |            |            |            |                                       |            |            |            |
| Montaj Türü / Type Of Mounting                                     | Açık delikli, Dişi dişli, Aksesuarlar aracılığıyla / With through-hole, With female thread, Via accessories |            |            |            |                                       |            |            |            |
| Montaj Konumu / Mounting position                                  | Hiç / Any                                                                                                   |            |            |            |                                       |            |            |            |
| Clamping range / Sıkıştırma aralığı                                | Son konuma ulaşılmadan önce $\geq 2$ mm / $\geq 2$ mm before the end position is reached                    |            |            |            |                                       |            |            |            |
| Sıkıştırma Stroku <sup>1</sup> / Clamping stroke <sup>1</sup> [mm] | 10                                                                                                          | 20         | 10         | 20         | 10                                    | 20         | 10         | 20         |
| Toplam Strok / Total stroke <sup>2</sup> [mm]                      | 19                                                                                                          | 29         | 20         | 30         | 22                                    | 32         | 23         | 33         |
| Dönme yönü / Swivel Direction                                      | Sağ - Sol / Right - Left                                                                                    |            |            |            | Sağ - Sol - Düz / Right-Left-Straight |            |            |            |
| Dönme Açısı/ Swivel Angle [°]                                      | 90 $\pm$ 4                                                                                                  | 90 $\pm$ 4 | 90 $\pm$ 3 | 90 $\pm$ 3 | 90 $\pm$ 2                            | 90 $\pm$ 2 | 90 $\pm$ 2 | 90 $\pm$ 2 |



| Çap Bore (mm) | AF | BG   | B    | E    | EE   | H     | KF  | L1   | L2    | L3  | L4    | L5   | MmØ | PL  | PI1  | R    | RT  | TG   | WH   | K11-R8 | Ø1 | Ø2 |
|---------------|----|------|------|------|------|-------|-----|------|-------|-----|-------|------|-----|-----|------|------|-----|------|------|--------|----|----|
| 12            | 10 | 17   | -    | 27.5 | M5   | 3.25  | M3  | -    | 60.6  | 3.5 | 21.8  | 4.9  | 6   | 6   | 15.1 | 18.2 | M4  | 16   | 10.9 | -      | 5  | 3  |
| 16            | 12 | 17   | -    | 29   | M5   | 3.25  | M4  | -    | 62.5  | 3.5 | 23.5  | 4.9  | 8   | 6.5 | 15   | 19.3 | M4  | 18   | 10.9 | -      | 7  | 3  |
| 20            | 15 | 19.5 | -    | 35.5 | M5   | 4.75  | M6  | -    | 79.5  | 4.6 | 43.8  | 7.4  | 12  | 6   | 6    | 23.7 | M5  | 22   | 16.4 | -      | 10 | 5  |
| 25            | 15 | 19.5 | 28.4 | 39.5 | M5   | 4.75  | M6  | 8.1  | 82.5  | 4.6 | 46.55 | 7.4  | 12  | 6   | 6    | 26.3 | M50 | 26   | 16.4 | 24.5   | 10 | 5  |
| 32            | 15 | 26   | 32.2 | 47   | G1/8 | 8.9   | M8  | 8.1  | 101   | 4.6 | 53.05 | 9.9  | 16  | 7.5 | 7.5  | 31.5 | M6  | 32.5 | 20.4 | 28.5   | 13 | 6  |
| 40            | 15 | 26   | 32.2 | 54.5 | G1/8 | 10.15 | M8  | 8.1  | 102.5 | 4.6 | 54.3  | 9.9  | 16  | 7.5 | 7.5  | 36.7 | M6  | 38   | 20.4 | 28.5   | 13 | 6  |
| 50            | 15 | 27   | 38.2 | 65.5 | G1/8 | 12.7  | M10 | 7.65 | 117.9 | 4.6 | 58.8  | 10.3 | 20  | 7.5 | 7.5  | 44.3 | M8  | 46.5 | 20.8 | 28.5   | 17 | 8  |
| 63            | 15 | 27   | 38.2 | 75.5 | G1/8 | 14.2  | M10 | 7.65 | 124.9 | 4.6 | 62.75 | 10.3 | 20  | 7.5 | 7.5  | 51.5 | M8  | 56.5 | 20.8 | 28.5   | 17 | 8  |