



Notation: ETP-CLASSIC R-XX

Technical Specification ETP-CLASSIC® R

| ETP-CLASSIC® | Dimensions | | | | | | | Transmittable torque | | | Screws**) DIN 933, A4 | | | Polar moment of inertia J kgm ² · 10 ⁻³ | Weight kg |
|--------------|------------|---------|----------------------|----------------------|---------|------------------------|------------------------|----------------------|----------------------|----------------------|-----------------------|------|----------|---|--------------|
| | d mm | D mm | D ₁ mm | D ₂ mm | L mm | L ₁ * mm | L ₂ * mm | T Nm | F _A kN | F _R kN | Ant. | Dim. | Tt Nm | | |
| R-15 | 15 | 23 | 38 | 28,5 | 17 | 30 | 34 | 45 | 6,0 | 2,5 | 4 | M5 | 4,5 | 0,019 | 0,10 |
| R-20 | 20 | 28 | 45 | 35 | 22 | 37 | 41 | 100 | 10,0 | 6,6 | 5 | M5 | 4,5 | 0,044 | 0,16 |
| R-25 | 25 | 34 | 49 | 40 | 27 | 43 | 47 | 210 | 16,8 | 10,6 | 7 | M5 | 4,5 | 0,070 | 0,21 |
| R-30 | 30 | 41 | 57 | 47,5 | 32 | 47 | 51 | 350 | 23,3 | 14,7 | 7 | M5 | 4,5 | 0,137 | 0,30 |
| R-35 | 35 | 47 | 63 | 53,5 | 37 | 55 | 59 | 500 | 28,5 | 18,8 | 9 | M5 | 4,5 | 0,234 | 0,41 |
| R-40 | 40 | 53 | 70 | 60,5 | 43 | 63 | 67 | 750 | 37,5 | 22,8 | 9 | M5 | 4,5 | 0,414 | 0,58 |
| R-45 | 45 | 59 | 77 | 66,5 | 49 | 69 | 73 | 1100 | 48,8 | 26,9 | 9 | M6 | 7,8 | 0,647 | 0,74 |
| R-50 | 50 | 65 | 83 | 72,5 | 53 | 76 | 80 | 1550 | 62,0 | 30,9 | 9 | M6 | 7,8 | 0,957 | 0,92 |

T= Transmittable torque when axial force is 0.
 F_A=Transmittable axial force when torque is 0.
 F_R=Max transmittable radial force at continuous operation.
 Max allowed bending torque: 15% of transmittable torque T.

Tt= Recommended tightening torque for the screws.
 *) The dimensions are valid before mounting.

Dimensions subject to alterations without notice.

TOLERANCES

Shaft h8 (size R-15 only h7)

Hub H7.

Material

Euronorm 1.4568, stainless steel,
 X7CrNiAl17-7.

**)Screws: coated for a low and even
 friction in the threads.

Mounting advice

Make sure the screw thread is well
 lubricated before each mounting. We
 recommend the use of Omega 58.

For further information see section Technical information/Design tips, page 52-55.

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