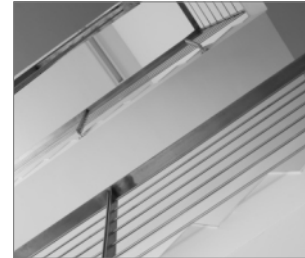


R-XPTII-A4 Stainless Steel Throughbolt

Stainless steel throughbolt for non-cracked concrete



Approvals and Reports

- ETA 17/0782



Product information

Features and benefits

- Stainless steel anchor for the highest corrosion resistance
- High performance in non-cracked concrete confirmed by ETA Option 7
- Highest quality ensures maximum load capability
- Suitable for reduced embedment to avoid contact with reinforcement
- Embedment depth markings help to ensure precise installation of the anchor
- Simple through-installation (drilling and installation through fixed material)

Applications

- Cladding restraint
- Curtain wall
- Balustrading
- Barriers
- Handrails
- Racking
- Structural steel
- Bollards

Base materials

Approved for use in:

- Non-cracked concrete C20/25-C50/60
- Unreinforced concrete
- Reinforced concrete

Also suitable for use in:

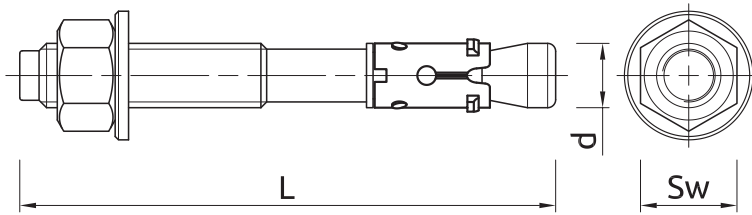
- Natural Stone (after site testing)

Installation guide



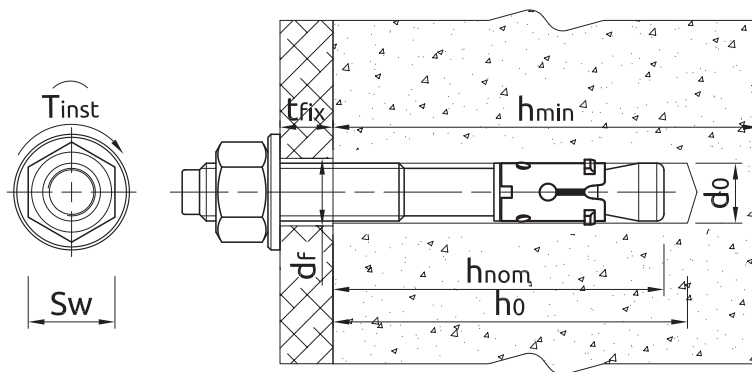
1. Drill a hole of required diameter and depth
2. Clear the hole of drilling dust and debris (using blowpump or equivalent method)
3. Lightly tap the throughbolt through the fixture into hole with a hammer, until fixing depth is reached
4. Insert bolt through fixture and tighten to the recommended torque

Product information



| Size | Product Code | Approval type | Anchor | | Fixture | | | |
|------|--------------------|---------------|----------|--------|-------------------------------|---------------|---------------|------|
| | | | Diameter | Length | Max. thickness t_{fix} for: | | Hole diameter | |
| | | | d | L | $h_{nom,red}$ | $h_{nom,std}$ | d_f | |
| | | - | [mm] | [mm] | [mm] | [mm] | [mm] | [mm] |
| M6 | R-XPTIIA4-06050/10 | AT-15-7370/16 | 6 | 50 | 10 | - | 7 | |
| | R-XPTIIA4-06085/25 | AT-15-7370/16 | 6 | 85 | 45 | 25 | 7 | |
| M8 | R-XPTIIA4-08060/10 | ETA 17/0782 | 8 | 60 | 10 | - | 9 | |
| | R-XPTIIA4-08075/10 | ETA 17/0782 | 8 | 75 | 25 | 10 | 9 | |
| | R-XPTIIA4-08085/20 | ETA 17/0782 | 8 | 85 | 35 | 20 | 9 | |
| | R-XPTIIA4-08095/30 | ETA 17/0782 | 8 | 95 | 45 | 30 | 9 | |
| | R-XPTIIA4-08105/40 | ETA 17/0782 | 8 | 105 | 55 | 40 | 9 | |
| | R-XPTIIA4-08115/50 | ETA 17/0782 | 8 | 115 | 65 | 50 | 9 | |
| M10 | R-XPTIIA4-10065/5 | ETA 17/0782 | 10 | 65 | 5 | - | 11 | |
| | R-XPTIIA4-10080/20 | ETA 17/0782 | 10 | 80 | 20 | - | 11 | |
| | R-XPTIIA4-10095/15 | ETA 17/0782 | 10 | 95 | 35 | 15 | 11 | |
| | R-XPTIIA4-10115/35 | ETA 17/0782 | 10 | 115 | 55 | 35 | 11 | |
| | R-XPTIIA4-10130/50 | ETA 17/0782 | 10 | 130 | 70 | 50 | 11 | |
| | R-XPTIIA4-10140/60 | ETA 17/0782 | 10 | 140 | 80 | 60 | 11 | |
| M12 | R-XPTIIA4-12080/5 | ETA 17/0782 | 12 | 80 | 5 | - | 13 | |
| | R-XPTIIA4-12100/5 | ETA 17/0782 | 12 | 100 | 25 | 5 | 13 | |
| | R-XPTIIA4-12115/20 | ETA 17/0782 | 12 | 115 | 40 | 20 | 13 | |
| | R-XPTIIA4-12125/30 | ETA 17/0782 | 12 | 125 | 50 | 30 | 13 | |
| | R-XPTIIA4-12150/55 | ETA 17/0782 | 12 | 150 | 75 | 55 | 13 | |
| | R-XPTIIA4-12180/85 | ETA 17/0782 | 12 | 180 | 105 | 85 | 13 | |
| M16 | R-XPTIIA4-16125/5 | ETA 17/0782 | 16 | 125 | 25 | 5 | 18 | |
| | R-XPTIIA4-16140/20 | ETA 17/0782 | 16 | 140 | 40 | 20 | 18 | |
| | R-XPTIIA4-16150/30 | ETA 17/0782 | 16 | 150 | 50 | 30 | 18 | |
| | R-XPTIIA4-16180/60 | ETA 17/0782 | 16 | 180 | 80 | 60 | 18 | |
| M20 | R-XPTIIA4-20125/5 | AT-15-7370/16 | 20 | 125 | 5 | - | 22 | |
| | R-XPTIIA4-20160/20 | AT-15-7370/16 | 20 | 160 | 40 | 20 | 22 | |
| | R-XPTIIA4-20200/60 | AT-15-7370/16 | 20 | 200 | 80 | 60 | 22 | |
| | R-XPTIIA4-20300/16 | AT-15-7370/16 | 20 | 300 | 180 | 160 | 22 | |
| M24 | R-XPTIIA4-24260/10 | AT-15-7370/16 | 24 | 260 | 115 | 100 | 26 | |

Installation data



| Size | | | M6 | M8 | M10 | M12 | M16 | M20 | M24 |
|---|--------------------|------|-----|-----|-----|-----|-----|-----|-----|
| Thread diameter | d | [mm] | 6 | 8 | 10 | 12 | 16 | 20 | 24 |
| Hole diameter in substrate | d _o | [mm] | 6 | 8 | 10 | 12 | 16 | 20 | 24 |
| Installation torque | T _{inst} | [Nm] | 5 | 15 | 30 | 50 | 100 | 180 | 320 |
| Wrench size | Sw | [mm] | 10 | 13 | 17 | 19 | 24 | 30 | 36 |
| STANDARD EMBEDMENT DEPTH | | | | | | | | | |
| Min. hole depth in substrate | h _{o,s} | [mm] | 55 | 65 | 79 | 90 | 110 | 140 | 155 |
| Min. installation depth | h _{nom,s} | [mm] | 50 | 55 | 69 | 80 | 100 | 120 | 135 |
| Min. substrate thickness | h _{min,s} | [mm] | 100 | 100 | 120 | 140 | 170 | 210 | 230 |
| Min. spacing (Non-cracked concrete) | s _{min,s} | [mm] | 45 | 65 | 90 | 110 | 170 | 170 | 180 |
| Min. edge distance (Non-cracked concrete) | c _{min,s} | [mm] | 50 | 50 | 60 | 85 | 90 | 160 | 200 |
| REDUCED EMBEDMENT DEPTH | | | | | | | | | |
| Min. hole depth in substrate | h _{o,r} | [mm] | 40 | 50 | 59 | 70 | 90 | 120 | 140 |
| Min. installation depth | h _{nom,r} | [mm] | 30 | 40 | 49 | 60 | 80 | 100 | 120 |
| Min. substrate thickness | h _{min,r} | [mm] | 100 | 100 | 100 | 100 | 130 | 210 | 230 |
| Min. spacing (Non-cracked concrete) | s _{min,r} | [mm] | 40 | 65 | 115 | 150 | 190 | 160 | 190 |
| Min. edge distance (Non-cracked concrete) | c _{min,r} | [mm] | 45 | 50 | 80 | 100 | 120 | 125 | 160 |

Mechanical properties

| Size | | | M6 | M8 | M10 | M12 | M16 | M20 | M24 |
|---|--------------------------------|----------------------|-------|------|------|------|-------|--------|--------|
| Nominal ultimate tensile strength - tension | f _{uk} | [N/mm ²] | 800 | 600 | 600 | 550 | 550 | 500 | 500 |
| Nominal yield strength - tension | f _{yk} | [N/mm ²] | 600 | 480 | 480 | 440 | 440 | 210 | 210 |
| Cross sectional area - tension | A _s | [mm ²] | 14.25 | 25.5 | 40.7 | 60.1 | 106.6 | 162.9 | 234.52 |
| Elastic section modulus | W _{el} | [mm ³] | 13.15 | 31.2 | 62.3 | 109 | 276.4 | 539.9 | 940.9 |
| Characteristic bending resistance | M ⁰ _{Rk,s} | [Nm] | 12.62 | 22 | 45 | 72 | 180 | 323.9 | 564.54 |
| Design bending resistance | M | [Nm] | 9.49 | 17.6 | 36 | 57.6 | 144 | 136.11 | 237.2 |

Basic performance data

Performance data for single anchor without influence of edge distance and spacing - ETAG 001

| Size | | M6 | M8 | M10 | M12 | M16 | M20 | M24 |
|--------------------------------------|------|------|-------|-------|-------|-------|-------|-------|
| MEAN ULTIMATE LOAD | | | | | | | | |
| TENSION LOAD N_{Ru,m} | | | | | | | | |
| Standard embedment depth | [kN] | 9.80 | 15.40 | 22.80 | 30.39 | 55.80 | 24.00 | 30.00 |
| Reduced embedment depth | [kN] | 1.90 | 10.40 | 16.00 | 22.10 | 37.90 | 14.40 | 19.20 |
| SHEAR LOAD V_{Ru,m} | | | | | | | | |
| Standard embedment depth | [kN] | 9.80 | 14.00 | 22.20 | 29.60 | 54.50 | 48.00 | 60.00 |
| Reduced embedment depth | [kN] | 1.90 | 14.00 | 22.20 | 29.60 | 54.50 | 28.80 | 38.40 |

Basic performance data

| Size | | M6 | M8 | M10 | M12 | M16 | M20 | M24 |
|---|------|------|-------|-------|-------|-------|-------|-------|
| CHARACTERISTIC LOAD | | | | | | | | |
| TENSION LOAD N_{Rk} | | | | | | | | |
| Standard embedment depth | [kN] | 7.50 | 9.00 | 16.00 | 25.00 | 39.57 | 20.00 | 25.00 |
| Reduced embedment depth | [kN] | 1.50 | 7.50 | 12.00 | 16.79 | 26.46 | 12.00 | 16.00 |
| SHEAR LOAD V_{Rk} | | | | | | | | |
| Standard embedment depth | [kN] | 7.50 | 11.70 | 18.50 | 24.60 | 45.40 | 40.00 | 50.00 |
| Reduced embedment depth | [kN] | 1.50 | 9.14 | 12.30 | 16.79 | 45.40 | 24.00 | 32.00 |
| DESIGN LOAD | | | | | | | | |
| TENSION LOAD N_{Rd} | | | | | | | | |
| Standard embedment depth | [kN] | 2.97 | 5.00 | 10.67 | 16.67 | 26.38 | 7.94 | 9.92 |
| Reduced embedment depth | [kN] | 0.59 | 4.17 | 6.67 | 11.20 | 17.64 | 4.76 | 6.35 |
| SHEAR LOAD V_{Rd} | | | | | | | | |
| Standard embedment depth | [kN] | 6.00 | 9.36 | 14.80 | 19.68 | 36.32 | 32.00 | 40.00 |
| Reduced embedment depth | [kN] | 1.20 | 6.09 | 8.20 | 11.20 | 35.29 | 19.20 | 25.60 |

Design performance data

Standard embedment depth

(-) failure is not decisive

| Size | | | M6 | M8 | M10 | M12 | M16 | M20 | M24 |
|--|---------------|------|--------|--------|--------|--------|--------|--------|--------|
| Effective embedment depth | h_{ef} | [mm] | 42.00 | 47.00 | 59.00 | 68.00 | 85.00 | 105.00 | 112.00 |
| TENSION LOAD | | | | | | | | | |
| STEEL FAILURE | | | | | | | | | |
| Characteristic resistance | $N_{Rk,s}$ | [kN] | 11.83 | 21.20 | 36.60 | 44.80 | 82.60 | 114.03 | 164.16 |
| Partial safety factor | γ_{Ms} | - | 1.60 | 1.50 | 1.50 | 1.50 | 1.50 | 2.86 | 2.86 |
| PULL-OUT FAILURE; NON-CRACKED CONCRETE C20/25 | | | | | | | | | |
| Characteristic resistance | $N_{Rk,p}$ | [kN] | 7.50 | 9.00 | 16.00 | 25.00 | - | 20.00 | 25.00 |
| PULL-OUT FAILURE | | | | | | | | | |
| Installation safety factor | γ_2 | - | 1.68 | 1.20 | 1.00 | 1.00 | 1.00 | 1.68 | 1.68 |
| Increasing factors for $N_{Rd,p}$ - C30/37 | ψ_c | - | 1.22 | 1.22 | 1.22 | 1.22 | 1.22 | 1.22 | 1.22 |
| Increasing factors for $N_{Rd,p}$ - C40/50 | ψ_c | - | 1.41 | 1.41 | 1.41 | 1.41 | 1.41 | 1.41 | 1.41 |
| Increasing factors for $N_{Rd,p}$ - C50/60 | ψ_c | - | 1.55 | 1.55 | 1.55 | 1.55 | 1.55 | 1.55 | 1.55 |
| CONCRETE CONE FAILURE | | | | | | | | | |
| Factor for non-cracked concrete | k | - | 10.10 | 10.10 | 10.10 | 10.10 | 10.10 | 10.10 | 10.10 |
| Factor for non-cracked concrete | $k_{ucr,N}$ | - | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 |
| Installation safety factor | γ_2 | - | 1.68 | 1.20 | 1.00 | 1.00 | 1.00 | 1.68 | 1.68 |
| Spacing | $s_{cr,N}$ | [mm] | 126.00 | 141.00 | 177.00 | 204.00 | 255.00 | 315.00 | 336.00 |
| Edge distance | $c_{cr,N}$ | [mm] | 63.00 | 71.00 | 89.00 | 102.00 | 128.00 | 168.00 | 168.00 |
| CONCRETE SPLITTING FAILURE | | | | | | | | | |
| Spacing | $s_{cr,sp}$ | [mm] | 210.00 | 240.00 | 300.00 | 340.00 | 430.00 | 560.00 | 580.00 |
| Edge distance | $c_{cr,sp}$ | [mm] | 105.00 | 120.00 | 150.00 | 170.00 | 215.00 | 280.00 | 290.00 |
| Installation safety factor | γ_2 | - | 1.68 | 1.20 | 1.00 | 1.00 | 1.00 | 1.68 | 1.68 |

Design performance data

| Size | | | M6 | M8 | M10 | M12 | M16 | M20 | M24 |
|---|---------------|------|-------|-------|-------|-------|--------|--------|--------|
| SHEAR LOAD | | | | | | | | | |
| STEEL FAILURE | | | | | | | | | |
| Characteristic resistance without lever arm | $V_{Rk,s}$ | [kN] | 8.04 | 11.70 | 18.50 | 24.60 | 45.40 | 61.25 | 88.25 |
| Ductility factor | k_{γ} | - | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 |
| Characteristic resistance with lever arm | $M_{Rk,s}$ | [Nm] | 12.62 | 22.00 | 45.00 | 72.00 | 180.00 | 323.94 | 564.54 |
| Partial safety factor | γ_{Ms} | - | 1.33 | 1.25 | 1.25 | 1.25 | 1.25 | 2.38 | 2.38 |
| CONCRETE PRY-OUT FAILURE | | | | | | | | | |
| Factor | k | - | 1.00 | 1.00 | 1.00 | 2.00 | 2.00 | 2.00 | 2.00 |
| Installation safety factor | γ_2 | - | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| CONCRETE EDGE FAILURE | | | | | | | | | |
| Effective length of anchor | ℓ_f | [mm] | 42.00 | 47.00 | 59.00 | 68.00 | 85.00 | 105.00 | 112.00 |
| Anchor diameter | d_{nom} | [mm] | 6.00 | 8.00 | 10.00 | 12.00 | 16.00 | 20.00 | 24.00 |
| Installation safety factor | γ_2 | - | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |

Reduced embedment depth

(-) failure is not decisive

| Size | | | M6 | M8 | M10 | M12 | M16 | M20 | M24 |
|--|---------------|------|--------|--------|--------|--------|--------|--------|--------|
| Effective embedment depth | h_{ef} | [mm] | 22.00 | 32.00 | 39.00 | 48.00 | 65.00 | 85.00 | 97.00 |
| TENSION LOAD | | | | | | | | | |
| STEEL FAILURE | | | | | | | | | |
| Characteristic resistance | $N_{Rk,s}$ | [kN] | 11.83 | 21.20 | 33.60 | 44.80 | 82.60 | 114.03 | 164.10 |
| Partial safety factor | γ_{Ms} | - | 1.60 | 1.50 | 1.50 | 1.50 | 1.50 | 2.86 | 2.86 |
| PULL-OUT FAILURE; NON-CRACKED CONCRETE C20/25 | | | | | | | | | |
| Characteristic resistance | $N_{Rk,p}$ | [kN] | 1.50 | 7.50 | 12.00 | - | - | 12.00 | 16.00 |
| PULL-OUT FAILURE | | | | | | | | | |
| Installation safety factor | γ_2 | - | 1.68 | 1.20 | 1.20 | 1.00 | 1.00 | 1.68 | 1.68 |
| Increasing factors for $N_{Rd,p}$ - C30/37 | ψ_c | - | 1.22 | 1.17 | 1.22 | 1.22 | 1.22 | 1.22 | 1.22 |
| Increasing factors for $N_{Rd,p}$ - C40/50 | ψ_c | - | 1.41 | 1.32 | 1.41 | 1.41 | 1.41 | 1.41 | 1.41 |
| Increasing factors for $N_{Rd,p}$ - C50/60 | ψ_c | - | 1.55 | 1.42 | 1.55 | 1.55 | 1.55 | 1.55 | 1.55 |
| CONCRETE CONE FAILURE | | | | | | | | | |
| Factor for non-cracked concrete | k | - | 10.10 | 10.10 | 10.10 | 10.10 | 10.10 | 10.10 | 10.10 |
| Factor for non-cracked concrete | $k_{ucr,N}$ | - | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 | 11.00 |
| Installation safety factor | γ_2 | - | 1.68 | 1.20 | 1.20 | 1.00 | 1.00 | 1.68 | 1.68 |
| Spacing | $s_{cr,N}$ | [mm] | 66.00 | 96.00 | 117.00 | 144.00 | 195.00 | 255.00 | 291.00 |
| Edge distance | $c_{cr,N}$ | [mm] | 33.00 | 48.00 | 59.00 | 72.00 | 98.00 | 128.00 | 146.00 |
| CONCRETE SPLITTING FAILURE | | | | | | | | | |
| Spacing | $s_{cr,sp}$ | [mm] | 100.00 | 160.00 | 200.00 | 250.00 | 320.00 | 430.00 | 500.00 |
| Edge distance | $c_{cr,sp}$ | [mm] | 55.00 | 80.00 | 100.00 | 125.00 | 160.00 | 215.00 | 250.00 |
| Installation safety factor | γ_2 | - | 1.68 | 1.20 | 1.20 | 1.00 | 1.00 | 1.68 | 1.68 |
| SHEAR LOAD | | | | | | | | | |
| STEEL FAILURE | | | | | | | | | |
| Characteristic resistance without lever arm | $V_{Rk,s}$ | [kN] | 8.04 | 11.70 | 18.50 | 24.60 | 45.40 | 61.25 | 88.25 |
| Ductility factor | k_{γ} | - | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 |
| Characteristic resistance with lever arm | $M_{Rk,s}$ | [Nm] | 12.62 | 22.00 | 45.00 | 72.00 | 180.00 | 323.94 | 564.54 |
| Partial safety factor | γ_{Ms} | - | 1.33 | 1.25 | 1.25 | 1.25 | 1.25 | 2.38 | 2.38 |
| CONCRETE PRY-OUT FAILURE | | | | | | | | | |
| Factor | k | - | 1.00 | 1.00 | 1.00 | 1.00 | 2.00 | 2.00 | 2.00 |
| Installation safety factor | γ_2 | - | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| CONCRETE EDGE FAILURE | | | | | | | | | |
| Effective length of anchor | ℓ_f | [mm] | 22.00 | 32.00 | 39.00 | 48.00 | 65.00 | 85.00 | 97.00 |
| Anchor diameter | d_{nom} | [mm] | 6.00 | 8.00 | 10.00 | 12.00 | 16.00 | 20.00 | 24.00 |
| Installation safety factor | γ_2 | - | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |

Product commercial data

| Product Code | Anchor | | Quantity [pcs] | | | Weight [kg] | | | Bar Codes |
|----------------------------------|---------------|-------------|----------------|-------|--------|-------------|-------|--------|---------------|
| | Diameter [mm] | Length [mm] | Box | Outer | Pallet | Box | Outer | Pallet | |
| R-XPTIIA4-06050/10 | 6 | 50 | 100 | 100 | 16000 | 1.27 | 1.27 | 233.0 | 5906675100081 |
| R-XPTIIA4-06085/25 | 6 | 85 | 100 | 100 | 16000 | 1.84 | 1.84 | 324.6 | 5906675100104 |
| R-XPTIIA4-08060/10 ¹⁾ | 8 | 60 | 100 | 100 | 16000 | 2.6 | 2.6 | 445.8 | 5906675047232 |
| R-XPTIIA4-08075/10 ¹⁾ | 8 | 75 | 100 | 100 | 16000 | 3.1 | 3.1 | 519.6 | 5906675047249 |
| R-XPTIIA4-08085/20 ¹⁾ | 8 | 85 | 100 | 100 | 16000 | 3.4 | 3.4 | 570.8 | 5906675047256 |
| R-XPTIIA4-08095/30 ¹⁾ | 8 | 95 | 100 | 100 | 12000 | 3.7 | 3.7 | 473.9 | 5906675047263 |
| R-XPTIIA4-08105/40 ¹⁾ | 8 | 105 | 100 | 100 | 16000 | 4.0 | 4.0 | 671.8 | 5906675047270 |
| R-XPTIIA4-08115/50 ¹⁾ | 8 | 115 | 100 | 100 | 16000 | 4.3 | 4.3 | 721.7 | 5906675047287 |
| R-XPTIIA4-10065/5 ¹⁾ | 10 | 65 | 50 | 50 | 8000 | 2.4 | 2.4 | 409.8 | 5906675047294 |
| R-XPTIIA4-10080/20 ¹⁾ | 10 | 80 | 50 | 50 | 8000 | 2.8 | 2.8 | 470.6 | 5906675047300 |
| R-XPTIIA4-10095/15 ¹⁾ | 10 | 95 | 50 | 50 | 8000 | 3.1 | 3.1 | 529.7 | 5906675047317 |
| R-XPTIIA4-10115/35 ¹⁾ | 10 | 115 | 50 | 50 | 6000 | 3.7 | 3.7 | 470.3 | 5906675047324 |
| R-XPTIIA4-10130/50 ¹⁾ | 10 | 130 | 50 | 50 | 6000 | 4.0 | 4.0 | 510.1 | 5906675047331 |
| R-XPTIIA4-10140/60 ¹⁾ | 10 | 140 | 50 | 50 | 8000 | 4.2 | 4.2 | 708.7 | 5906675047348 |
| R-XPTIIA4-12080/5 ¹⁾ | 12 | 80 | 50 | 50 | 8000 | 4.1 | 4.1 | 684.1 | 5906675047355 |
| R-XPTIIA4-12100/5 ¹⁾ | 12 | 100 | 50 | 50 | 8000 | 4.8 | 4.8 | 799.1 | 5906675047362 |
| R-XPTIIA4-12115/20 ¹⁾ | 12 | 115 | 50 | 50 | 6000 | 5.4 | 5.4 | 676.8 | 5906675324548 |
| R-XPTIIA4-12125/30 ¹⁾ | 12 | 125 | 50 | 50 | 6000 | 5.8 | 5.8 | 720.5 | 5906675047379 |
| R-XPTIIA4-12150/55 ¹⁾ | 12 | 150 | 50 | 50 | 4000 | 6.7 | 6.7 | 562.2 | 5906675047386 |
| R-XPTIIA4-12180/85 ¹⁾ | 12 | 180 | 50 | 50 | 4000 | 7.8 | 7.8 | 652.1 | 5906675047393 |
| R-XPTIIA4-16125/5 ¹⁾ | 16 | 125 | 25 | 25 | 4000 | 5.3 | 5.3 | 875.6 | 5906675047409 |
| R-XPTIIA4-16140/20 ¹⁾ | 16 | 140 | 25 | 25 | 4000 | 5.8 | 5.8 | 956.9 | 5906675047416 |
| R-XPTIIA4-16150/30 ¹⁾ | 16 | 150 | 25 | 25 | 4000 | 6.1 | 6.1 | 1009.8 | 5906675047430 |
| R-XPTIIA4-16180/60 ¹⁾ | 16 | 180 | 25 | 25 | 3000 | 7.1 | 7.1 | 886.1 | 5906675047447 |
| R-XPTIIA4-20125/5 | 20 | 125 | 25 | 25 | 3000 | 8.5 | 8.5 | 1048.7 | 5906675100241 |
| R-XPTIIA4-20160/20 | 20 | 160 | 25 | 25 | 3000 | 10.4 | 10.4 | 1271.9 | 5906675100364 |
| R-XPTIIA4-20200/60 | 20 | 200 | 10 | 10 | 1200 | 5.0 | 5.0 | 631.4 | 5906675100401 |
| R-XPTIIA4-20300/16 | 20 | 300 | 10 | 10 | 1200 | 7.1 | 7.1 | 884.4 | 5906675100418 |
| R-XPTIIA4-24260/10 | 24 | 260 | 10 | 10 | 1200 | 9.5 | 9.5 | 1168.6 | 5906675100432 |

1) ETA 17/0782