



# PSE PSE/K

Guarnizioni per STELO  
ROD seals

**TECNOTEX**

| Versione standard                 |                 | Standard version        |                      |
|-----------------------------------|-----------------|-------------------------|----------------------|
| Elemento di tenuta                | NBR             | Sealing Ring            | NBR                  |
| Base                              | Gommatela       | Support Ring            | NBR/Cotton Fabric    |
| Rondella Al                       | POM             | Anti-extrusion Ring     | POM                  |
| Versioni Alternative              |                 | Alternative Versions    |                      |
| Base                              | TPE             | Support Ring            | TPE                  |
| Base                              | Gommatela FKM   | Support Ring            | Cotton Fabric FKM    |
| Elemento di Tenuta                | NBR FKM         | Sealing Ring            | NBR FKM              |
| Elemento di Tenuta                | NBR Basse Temp. | Sealing Ring            | NBR Low Temp.        |
| Pressione fino a / Pressure up to |                 |                         |                      |
| 70 MPa                            |                 |                         |                      |
| Velocità fino a / Speed up to     |                 |                         |                      |
| 0.5 m/s                           |                 |                         |                      |
| Temperatura / Temperature         |                 |                         |                      |
| -30°C +110°C                      |                 | -20°C +200°C FKM        | -50°C +110°C TDS 108 |
| Applicazioni                      |                 | Applications            |                      |
| Cilindri idraulici                |                 | Hydraulic cylinders     |                      |
| Cilindri per miniere              |                 | Mining Cyinders         |                      |
| Macchine movimento terra          |                 | Earth moving machinery  |                      |
| Cilindri per piattaforme aeree    |                 | Hydraulic scissor lifts |                      |
|                                   |                 | Lift platforms          |                      |

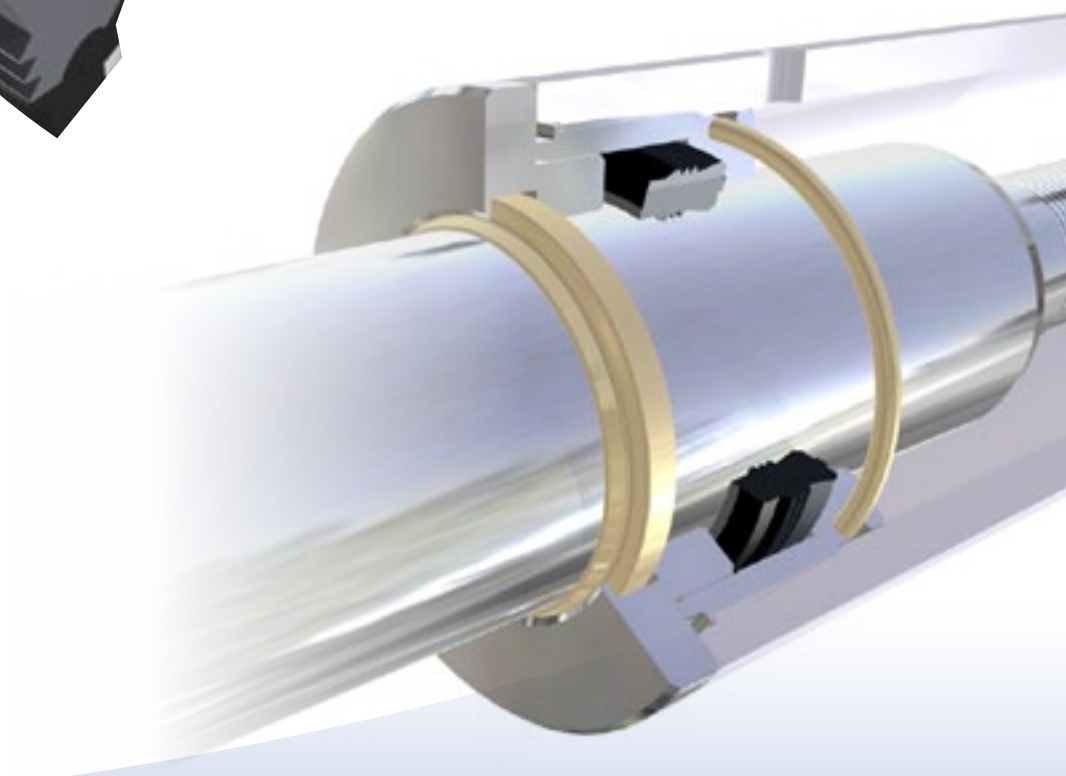
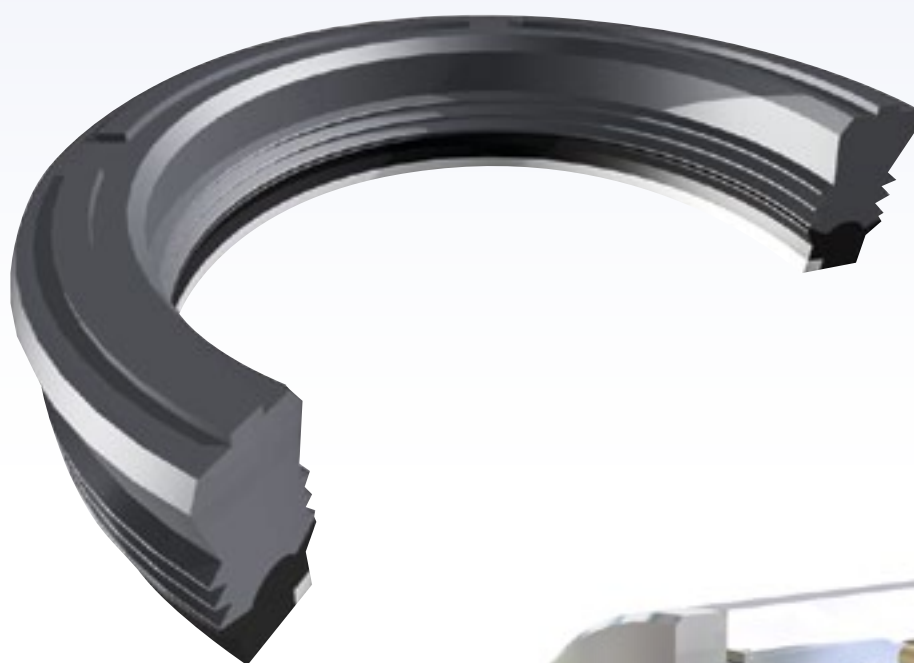


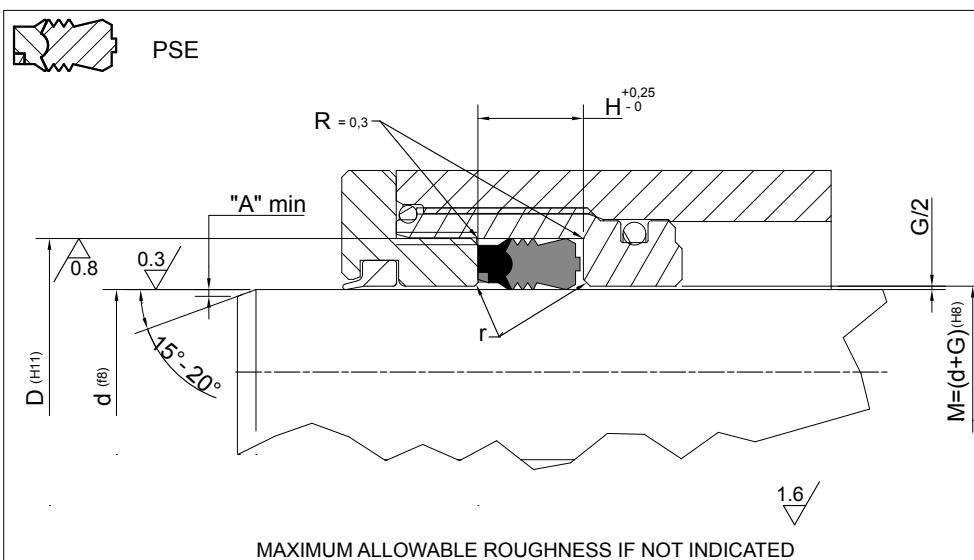
**GUARNITEC**

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ROD seals

# PSE • PSE/K

40÷45




**Rod Seal design guidelines**

|          | 0mm < d ≤ 50mm     | 50mm < d ≤ 100mm | 100mm < d ≤ 150mm | d ≥ 150mm       |
|----------|--------------------|------------------|-------------------|-----------------|
| <b>r</b> | remove sharp edges |                  |                   |                 |
| <b>A</b> | 1 mm               | 2 mm             | 3 mm              | 3 mm < A ≤ 5 mm |

**Operating pressure to determinate Maximum Gap Allowance: G/2**

| <b>G</b> | Profile Dimension | > 16 MPa | > 26 MPa | > 32 MPa | > 40 MPa |
|----------|-------------------|----------|----------|----------|----------|
|          | ≤ 5               | 0.50 mm  | 0.40 mm  | 0.35 mm  |          |
|          | > 5.0 – 7.5       | 0.55 mm  | 0.45 mm  | 0.40 mm  | 0.35 mm  |
|          | > 7.5 – 12.5      | 0.60 mm  | 0.50 mm  | 0.45 mm  | 0.40 mm  |
|          | 15                | 0.65 mm  | 0.55 mm  | 0.45 mm  | 0.40 mm  |

| PART NR   |           | DIMENSIONI SEDI / Housing dimensions |       |       |
|-----------|-----------|--------------------------------------|-------|-------|
|           |           | d                                    | D     | H     |
| PSE 701   | 106059/1  | 15,00                                | 27,00 | 20,00 |
| PSE 702   | 129078/1  | 20,00                                | 33,00 | 20,00 |
| PSE 703   | 137086/1  | 22,00                                | 35,00 | 20,00 |
| PSE 704   | 149098/1  | 25,00                                | 38,00 | 20,00 |
| PSE 705   | 161110/1  | 28,00                                | 41,00 | 20,00 |
| PSE 706   | 169118/1  | 30,00                                | 43,00 | 20,00 |
| PSE 707   | 185125/1  | 32,00                                | 47,00 | 22,50 |
| PSE 708   | 177137/1  | 35,00                                | 45,00 | 25,59 |
| PSE 709   | 185137/1  | 35,00                                | 47,00 | 22,50 |
| PSE 710   | 196137/1  | 35,00                                | 50,00 | 22,50 |
| PSE 711   | 196157/1  | 40,00                                | 50,00 | 17,50 |
| PSE 712   | 200141/1  | 36,00                                | 51,00 | 22,50 |
| PSE 713   | 204157/1  | 40,00                                | 52,00 | 22,50 |
| PSE 714   | 216157/1  | 40,00                                | 55,00 | 22,62 |
| PSE 715   | 236157/1  | 40,00                                | 60,00 | 30,00 |
| PSE 716   | 236177/1  | 45,00                                | 60,00 | 22,50 |
| PSE 717   | 255177/1  | 45,00                                | 65,00 | 28,00 |
| PSE 718   | 248196/1  | 50,00                                | 63,00 | 20,00 |
| PSE 719   | 255196/1A | 50,00                                | 65,00 | 24,50 |
| PSE 720   | 255196/1C | 50,00                                | 65,00 | 22,50 |
| PSE 721   | 275196/1B | 50,00                                | 70,00 | 30,00 |
| PSE 722   | 275196/1A | 50,00                                | 70,00 | 31,90 |
| PSE 723   | 275216/1  | 55,00                                | 70,00 | 25,00 |
| PSE 724   | 275216/2  | 55,00                                | 70,00 | 22,50 |
| PSE 725   | 295216/1  | 55,00                                | 75,00 | 32,00 |
| PSE 726   | 295216/2  | 55,00                                | 75,00 | 30,00 |
| PSE 726/1 | 279220    | 56,00                                | 71,00 | 22,50 |

| PART NR   |           | DIMENSIONI SEDI / Housing dimensions |        |       |
|-----------|-----------|--------------------------------------|--------|-------|
|           |           | d                                    | D      | H     |
| PSE 727   | 279220/1  | 56,00                                | 71,00  | 25,00 |
| PSE 728   | 299220/1  | 56,00                                | 76,00  | 28,00 |
| PSE 729   | 295236/1  | 60,00                                | 75,00  | 25,00 |
| PSE 730   | 295236/2  | 60,00                                | 75,00  | 22,50 |
| PSE 731   | 303236/1  | 60,00                                | 77,00  | 27,00 |
| PSE 731/1 | 314236/1E | 60,00                                | 80,00  | 27,00 |
| PSE 731/2 | 314236/1  | 60,00                                | 80,00  | 30,00 |
| PSE 732   | 314236/1A | 60,00                                | 80,00  | 34,90 |
| PSE 733   | 314236/1B | 60,00                                | 80,00  | 32,00 |
| PSE 734   | 326248    | 63,00                                | 83,00  | 30,00 |
| PSE 735   | 326248/1A | 63,00                                | 83,00  | 29,00 |
| PSE 736   | 326248/1E | 63,00                                | 83,00  | 27,00 |
| PSE 737   | 334255/1  | 65,00                                | 85,00  | 29,00 |
| PSE 738   | 334275/1  | 70,00                                | 85,00  | 22,50 |
| PSE 739   | 334275/1B | 70,00                                | 85,00  | 25,00 |
| PSE 739/1 | 354275/1  | 70,00                                | 90,00  | 30,00 |
| PSE 740   | 354275/2  | 70,00                                | 90,00  | 31,90 |
| PSE 741   | 374295/2A | 75,00                                | 95,00  | 28,00 |
| PSE 742   | 374295/2C | 75,00                                | 95,00  | 30,00 |
| PSE 743   | 379301/1  | 76,50                                | 96,50  | 32,50 |
| PSE 744   | 393314/1  | 80,00                                | 100,00 | 30,00 |
| PSE 744/1 | 413334    | 85,00                                | 105,00 | 22,00 |
| PSE 745   | 413334/1  | 85,00                                | 105,00 | 30,00 |
| PSE 745/1 | 413354    | 90,00                                | 105,00 | 22,50 |
| PSE 746   | 413354/1A | 90,00                                | 105,00 | 25,00 |
| PSE 747   | 413354/1B | 90,00                                | 105,00 | 33,53 |
| PSE 748   | 433354/1A | 90,00                                | 110,00 | 30,00 |
| PSE 749   | 433354/2B | 90,00                                | 110,00 | 32,50 |
| PSE 750   | 452374/1  | 95,00                                | 115,00 | 28,00 |
| PSE 751   | 450393/1  | 100,00                               | 114,30 | 24,21 |
| PSE 752   | 472393/1  | 100,00                               | 120,00 | 30,00 |
| PSE 753   | 464413/1  | 105,00                               | 118,00 | 25,00 |
| PSE 754   | 472413/1  | 105,00                               | 120,00 | 34,00 |
| PSE 755   | 492413/1  | 105,00                               | 125,00 | 30,00 |
| PSE 756   | 511433/1  | 110,00                               | 130,00 | 32,50 |
| PSE 756/1 | 519433/1  | 110,00                               | 132,00 | 36,50 |
| PSE 757   | 511452/1  | 115,00                               | 130,00 | 30,00 |
| PSE 758   | 551472/1  | 120,00                               | 140,00 | 30,00 |
| PSE 759   | 570492/1  | 125,00                               | 145,00 | 29,62 |
| PSE 760   | 590511/1  | 130,00                               | 150,00 | 28,00 |
| PSE 761   | 610531/1  | 135,00                               | 155,00 | 28,00 |
| PSE 761/1 | 629551    | 140,00                               | 160,00 | 19,00 |
| PSE 762   | 629551/1  | 140,00                               | 160,00 | 28,00 |
| PSE 763   | 629551/2  | 140,00                               | 160,00 | 30,00 |
| PSE 764   | 669590/1  | 150,00                               | 170,00 | 28,00 |
| PSE 765   | 688610/1  | 155,00                               | 175,00 | 28,00 |
| PSE 766   | 708629/1  | 160,00                               | 180,00 | 28,00 |
| PSE 767   | 729649/1  | 165,00                               | 185,00 | 30,00 |
| PSE 768   | 767669/1  | 170,00                               | 195,00 | 35,00 |
| PSE 768/1 | 787688/1  | 175,00                               | 200,00 | 35,00 |
| PSE 769   | 807708/1  | 180,00                               | 205,00 | 35,00 |
| PSE 770   | 826728/1  | 185,00                               | 210,00 | 35,00 |

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| PART NR   |            | DIMENSIONI SEDI / Housing dimensions |        |       |
|-----------|------------|--------------------------------------|--------|-------|
|           |            | d                                    | D      | H     |
| PSE 771   | 846748/1   | 190,00                               | 215,00 | 35,00 |
| PSE 771/1 | 866767/1   | 195,00                               | 220,00 | 35,00 |
| PSE 772   | 885787/1   | 200,00                               | 225,00 | 35,00 |
| PSE 772/1 | 925728     | 210,00                               | 235,00 | 30,00 |
| PSE 773   | 944846/1   | 215,00                               | 240,00 | 35,00 |
| PSE 774   | 964866/1   | 220,00                               | 245,00 | 35,00 |
| PSE 775   | 984886/1   | 225,00                               | 250,00 | 35,00 |
| PSE 776   | 1003905/1  | 230,00                               | 255,00 | 35,00 |
| PSE 777   | 1043945/1  | 240,00                               | 265,00 | 35,00 |
| PSE 778   | 1082984/1  | 250,00                               | 275,00 | 35,00 |
| PSE 778/1 | 11021024   | 260,00                               | 280,00 | 30,00 |
| PSE 779   | 11411043/1 | 265,00                               | 290,00 | 35,00 |
| PSE 780   | 11811082/1 | 275,00                               | 300,00 | 35,00 |
| PSE 781   | 12011102/1 | 280,00                               | 305,00 | 35,00 |
| PSE 782   | 12791181/1 | 300,00                               | 325,00 | 35,00 |
| PSE 783   | 14171318/1 | 335,00                               | 360,00 | 35,00 |

| PART NR     |          | DIMENSIONI SEDI / Housing dimensions |        |       |
|-------------|----------|--------------------------------------|--------|-------|
|             |          | d                                    | D      | H     |
| PSE-K 901   | 118071   | 18,00                                | 30,00  | 22,50 |
| PSE-K 902   | 146093   | 25,00                                | 37,00  | 22,50 |
| PSE-K 903   | 334275   | 70,00                                | 85,00  | 22,50 |
| PSE-K 904   | 366307   | 78,00                                | 93,00  | 19,00 |
| PSE-K 905   | 374314   | 80,00                                | 95,00  | 22,50 |
| PSE-K 906   | 386326   | 83,00                                | 98,00  | 22,50 |
| PSE-K 907   | 393334   | 85,00                                | 100,00 | 22,50 |
| PSE-K 908   | 393346   | 88,00                                | 100,00 | 20,00 |
| PSE-K 908/1 | 413354   | 90,00                                | 105,00 | 22,50 |
| PSE-K 909   | 433374   | 95,00                                | 110,00 | 22,50 |
| PSE-K 909/1 | 452393   | 100,00                               | 115,00 | 22,50 |
| PSE-K 910   | 492433   | 110,00                               | 125,00 | 22,50 |
| PSE-K 911   | 511452   | 115,00                               | 130,00 | 22,50 |
| PSE-K 912   | 523464   | 118,00                               | 133,00 | 22,50 |
| PSE-K 912/1 | 543464   | 118,00                               | 138,00 | 22,50 |
| PSE-K 913   | 531472   | 120,00                               | 135,00 | 22,50 |
| PSE-K 914   | 539480   | 122,00                               | 137,00 | 22,50 |
| PSE-K 915   | 551492   | 125,00                               | 140,00 | 22,50 |
| PSE-K 915/1 | 554500   | 127,00                               | 142,00 | 22,50 |
| PSE-K 916   | 567519   | 132,00                               | 144,00 | 20,00 |
| PSE-K 917   | 590531   | 135,00                               | 150,00 | 22,50 |
| PSE-K 918   | 610551   | 140,00                               | 155,00 | 22,50 |
| PSE-K 919   | 529551   | 140,00                               | 160,00 | 22,50 |
| PSE-K 919/1 | 629570   | 145,00                               | 160,00 | 28,50 |
| PSE-K 920   | 649570   | 145,00                               | 165,00 | 22,50 |
| PSE-K 921   | 649590   | 150,00                               | 165,00 | 22,50 |
| PSE-K 922   | 657593   | 152,00                               | 167,00 | 22,50 |
| PSE-K 923   | 688610   | 155,00                               | 175,00 | 22,50 |
| PSE-K 924   | 708624   | 158,50                               | 180,00 | 28,00 |
| PSE-K 925   | 728669   | 170,00                               | 185,00 | 22,50 |
| PSE-K 926   | 756677   | 172,00                               | 192,00 | 22,50 |
| PSE-K 927   | 767688   | 175,00                               | 195,00 | 22,50 |
| PSE-K 928   | 767688/1 | 175,00                               | 195,00 | 30,00 |

