

外露骨架油封



| 代号 | 名称 | 截面图 | 材料 | 压力 | 温度 | 圆周速度 | 特点 |
|----|---------|-----|----------|-------|-------------|------|-------------------------------------|
| SB | 外露单唇油封 | | 橡胶+骨架+弹簧 | ≤0.05 | NBR -40至100 | ≤12 | 外圆周面为精加工骨架, 可装配硬基座, 无防尘唇 |
| | | | | | FKM -20至200 | ≤35 | |
| TB | 外露双唇油封 | | 橡胶+骨架+弹簧 | ≤0.05 | NBR -40至100 | ≤12 | 外圆周面为精加工骨架, 可装配硬基座, 有防尘唇 |
| | | | | | FKM -20至200 | ≤35 | |
| SA | 组合式单唇油封 | | 橡胶+骨架+弹簧 | ≤0.05 | NBR -40至100 | ≤12 | 外圆周面为精加工骨架, 可装配硬基座, 装配紧凑防油封脱出, 无防尘唇 |
| | | | | | FKM -20至200 | ≤35 | |
| TA | 组合式双唇油封 | | 橡胶+骨架+弹簧 | ≤0.05 | NBR -40至100 | ≤12 | 外圆周面为精加工骨架, 可装配硬基座, 装配紧凑防油封脱出, 有防尘唇 |
| | | | | | FKM -20至200 | ≤35 | |

| d | D | H | d | D | H | d | D | H | d | D | H | d | D | H |
|----|----|-----|-------|-------|------|-------|-------|------|-------|-------|------|-------|-------|-------|
| 6 | 14 | 4 | 12 | 32 | 7 | 16 | 22 | 4 | 19.05 | 44.45 | 6.35 | 22 | 40 | 10 |
| 6 | 16 | 7 | 12.7 | 28.58 | 6.35 | 16 | 24 | 6 | 20 | 28 | 7 | 22 | 42 | 10 |
| 7 | 16 | 7 | 12.7 | 34.92 | 6.35 | 16 | 24 | 7 | 20 | 30 | 5 | 22 | 45 | 8 |
| 8 | 16 | 5 | 13 | 20 | 4 | 16 | 30 | 7 | 20 | 30 | 7 | 22 | 47 | 10 |
| 8 | 16 | 7 | 13 | 21 | 4 | 16 | 32 | 7 | 20 | 31 | 7 | 22.23 | 34.92 | 5.16 |
| 8 | 22 | 7 | 13.44 | 25.4 | 9.65 | 16 | 32 | 10 | 20 | 32 | 5 | 22.23 | 36.12 | 6.35 |
| 8 | 22 | 8 | 14 | 22 | 5 | 16 | 35 | 7 | 20 | 33 | 7 | 22.23 | 41.28 | 11.13 |
| 8 | 24 | 7 | 14 | 24 | 6 | 16 | 40 | 7 | 20 | 33 | 10 | 22.23 | 46.43 | 6.35 |
| 9 | 17 | 4 | 14 | 24 | 7 | 16 | 52 | 7 | 20 | 35 | 7 | 22.23 | 47.68 | 6.35 |
| 9 | 17 | 4.5 | 14 | 28 | 7 | 17 | 28 | 6 | 20 | 35 | 8 | 22.23 | 50.8 | 6.35 |
| 10 | 16 | 6 | 14 | 30 | 8 | 17 | 28 | 7 | 20 | 35 | 10 | 23 | 32 | 5 |
| 10 | 17 | 5 | 14 | 32 | 7 | 17 | 32 | 10 | 20 | 40 | 7 | 23.83 | 38.1 | 6.35 |
| 10 | 19 | 7 | 14 | 35 | 10 | 17 | 34 | 4 | 20 | 40 | 10 | 23.83 | 41.28 | 6.35 |
| 10 | 22 | 8 | 14.3 | 25.4 | 6.35 | 17 | 35 | 7 | 20 | 42 | 10 | 24 | 32 | 7 |
| 10 | 30 | 10 | 14.3 | 27 | 4.78 | 17 | 35 | 8 | 20 | 47 | 7 | 24 | 35 | 5 |
| 12 | 18 | 6 | 15 | 24 | 7 | 17 | 40 | 9 | 20 | 47 | 10 | 24 | 35 | 7 |
| 12 | 19 | 5 | 15 | 25 | 6 | 17 | 40 | 10 | 20.65 | 28.58 | 6.35 | 24 | 37 | 7 |
| 12 | 20 | 4.5 | 15 | 25 | 7 | 17.48 | 28.58 | 6.35 | 20.65 | 31.75 | 4.76 | 24 | 40 | 7 |
| 12 | 20 | 5 | 15 | 25 | 10 | 17.48 | 30.18 | 4.78 | 20.65 | 34.92 | 9.53 | 24 | 42 | 10 |
| 12 | 22 | 4 | 15 | 26 | 7 | 18 | 24 | 4 | 21 | 30 | 6.5 | 25 | 32 | 5 |
| 12 | 22 | 7 | 15 | 30 | 7 | 18 | 25 | 6 | 21 | 32 | 5 | 25 | 32 | 7 |
| 12 | 24 | 7 | 15 | 30 | 10 | 18 | 30 | 7 | 22 | 28 | 4 | 25 | 34 | 5 |
| 12 | 25 | 5 | 15 | 35 | 7 | 18 | 32 | 7 | 22 | 30 | 7 | 25 | 35 | 5 |
| 12 | 25 | 6 | 15 | 40 | 10 | 18 | 35 | 10 | 22 | 32 | 6 | 25 | 35 | 7 |
| 12 | 28 | 7 | 15 | 42 | 10 | 19 | 27 | 6 | 22 | 32 | 7 | 25 | 35 | 8 |
| 12 | 30 | 5 | 15.88 | 28.58 | 7.95 | 19 | 32 | 7 | 22 | 32 | 10 | 25 | 36 | 7 |
| 12 | 30 | 7 | 15.88 | 34.92 | 6.35 | 19 | 37 | 10 | 22 | 35 | 7 | 25 | 38 | 6 |
| 12 | 32 | 5 | 15.88 | 34.92 | 9.53 | 19.05 | 25.4 | 3.18 | 22 | 40 | 7 | 25 | 40 | 5 |

外露骨架油封



| d | D | H | d | D | H | d | D | H | d | D | H | d | D | H |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 25 | 40 | 7 | 28 | 48 | 8 | 30 | 60 | 12 | 34 | 72 | 10 | 35 | 70 | 12 |
| 25 | 40 | 8 | 28 | 52 | 12 | 30 | 62 | 6 | 34 | 72 | 12 | 35 | 72 | 10 |
| 25 | 40 | 10 | 28 | 55 | 9 | 30 | 62 | 7 | 34.59 | 55.65 | 6.35 | 35 | 72 | 12 |
| 25 | 42 | 7 | 28 | 58 | 7 | 30 | 62 | 10 | 34.59 | 55.65 | 11.89 | 35 | 80 | 12 |
| 25 | 42 | 10 | 28 | 72 | 12 | 30 | 62 | 12 | 34.92 | 47.63 | 6.35 | 35 | 80 | 13 |
| 25 | 42.9 | 9.5 | 28.57 | 41.27 | 9.52 | 30 | 62 | 13 | 34.92 | 53.97 | 7.95 | 35.53 | 58.22 | 11.7 |
| 25 | 45 | 5 | 28.58 | 38.1 | 6.35 | 30 | 72 | 10 | 34.92 | 62 | 7.95 | 35.8 | 68 | 10 |
| 25 | 45 | 10 | 28.58 | 39.7 | 9.53 | 30 | 72 | 12 | 34.92 | 63.5 | 12.7 | 36 | 46 | 9 |
| 25 | 47 | 7 | 28.58 | 41.28 | 6.35 | 30 | 80 | 7 | 34.93 | 47.63 | 9.53 | 36 | 47 | 7 |
| 25 | 47 | 8 | 28.58 | 44.45 | 9.53 | 30.18 | 44.45 | 9 | 35 | 42 | 4 | 36 | 54 | 7.4 |
| 25 | 47 | 9 | 28.58 | 47.02 | 7.95 | 30.18 | 47.63 | 6.35 | 35 | 45 | 7 | 36 | 54 | 10 |
| 25 | 47 | 10 | 28.58 | 47.63 | 6.35 | 30.18 | 47.63 | 8.89 | 35 | 47 | 5 | 36 | 56 | 10 |
| 25 | 50 | 10 | 28.58 | 52.4 | 7.95 | 31.75 | 44.5 | 6.35 | 35 | 47 | 7 | 36 | 62 | 10 |
| 25 | 52 | 7 | 28.58 | 57.15 | 6.35 | 31.75 | 47.63 | 6.35 | 35 | 47 | 10 | 36 | 68 | 10 |
| 25 | 52 | 9 | 29 | 48 | 8 | 31.75 | 50.39 | 12.7 | 35 | 49 | 7 | 36.53 | 57.15 | 7.95 |
| 25 | 52 | 10 | 29.36 | 42.88 | 6.35 | 31.75 | 50.8 | 12.7 | 35 | 50 | 4.5 | 37 | 52 | 8 |
| 25 | 52 | 12 | 29.36 | 46.43 | 11.13 | 31.75 | 53.97 | 6.35 | 35 | 50 | 6 | 37 | 62 | 8 |
| 25 | 55 | 8 | 29.36 | 47.63 | 6.35 | 31.75 | 57.15 | 12.7 | 35 | 50 | 7 | 37 | 80 | 13 |
| 25 | 62 | 10 | 29.36 | 50.8 | 11.13 | 32 | 45 | 8 | 35 | 50 | 8 | 37.31 | 47 | 10 |
| 25.4 | 34.93 | 6.35 | 30 | 37 | 4 | 32 | 46 | 8 | 35 | 50 | 9 | 38 | 47 | 10 |
| 25.4 | 36.53 | 6.35 | 30 | 38 | 5 | 32 | 47 | 7 | 35 | 50 | 10 | 38 | 50 | 7 |
| 25.4 | 44.45 | 4.78 | 30 | 40 | 6 | 32 | 47 | 10 | 35 | 50 | 12 | 38 | 52 | 7 |
| 25.4 | 47.02 | 6.35 | 30 | 40 | 7 | 32 | 50 | 7 | 35 | 52 | 7 | 38 | 52 | 10 |
| 25.4 | 50.8 | 11.13 | 30 | 42 | 7 | 32 | 50 | 12 | 35 | 52 | 8.8 | 38 | 53 | 8 |
| 26 | 32 | 5 | 30 | 42 | 8 | 32 | 52 | 6.5 | 35 | 52 | 9 | 38 | 55 | 7 |
| 26 | 36 | 8 | 30 | 43 | 8 | 32 | 52 | 7 | 35 | 52 | 10 | 38 | 55 | 8 |
| 26 | 37 | 7 | 30 | 45 | 7 | 32 | 52 | 9 | 35 | 52 | 12 | 38 | 55 | 9 |
| 26 | 42 | 10 | 30 | 45 | 8 | 32 | 52 | 10 | 35 | 55 | 8 | 38 | 55 | 10 |
| 26 | 47 | 10 | 30 | 47 | 7 | 32 | 52 | 12 | 35 | 55 | 10 | 38 | 55 | 12 |
| 26.98 | 42.86 | 7 | 30 | 47 | 8 | 32 | 55 | 10 | 35 | 55 | 12 | 38 | 55.5 | 9 |
| 27 | 42 | 10 | 30 | 47 | 10 | 32 | 56 | 10 | 35 | 56 | 10 | 38 | 56 | 10 |
| 27 | 47 | 7 | 30 | 48 | 10 | 32 | 60 | 10 | 35 | 56 | 12 | 38 | 56 | 12 |
| 27 | 52 | 8 | 30 | 50 | 7 | 32 | 60 | 12 | 35 | 58 | 10 | 38 | 57 | 9 |
| 27 | 52.4 | 11.13 | 30 | 50 | 10 | 32 | 62 | 10 | 35 | 58 | 12 | 38 | 58 | 10 |
| 28 | 38 | 7 | 30 | 50 | 11 | 32 | 65 | 10 | 35 | 58 | 13 | 38 | 58 | 12 |
| 28 | 40 | 7 | 30 | 50 | 12 | 33.35 | 52.4 | 7.95 | 35 | 60 | 10 | 38 | 60 | 10 |
| 28 | 40 | 10 | 30 | 51 | 6 | 33.35 | 60.33 | 12.7 | 35 | 60 | 12 | 38 | 62 | 7 |
| 28 | 42 | 6 | 30 | 52 | 10 | 33.73 | 58.75 | 11.13 | 35 | 62 | 5 | 38 | 62 | 10 |
| 28 | 42 | 7 | 30 | 52 | 12 | 34 | 46 | 8 | 35 | 62 | 7 | 38 | 62 | 12 |
| 28 | 43 | 10 | 30 | 55 | 10 | 34 | 50 | 10 | 35 | 62 | 8 | 38 | 65 | 10 |
| 28 | 47 | 7 | 30 | 55 | 12 | 34 | 52 | 7 | 35 | 62 | 10 | 38 | 72 | 10 |
| 28 | 47 | 8 | 30 | 56 | 12 | 34 | 52 | 10 | 35 | 62 | 12 | 38 | 72 | 12 |
| 28 | 47 | 10 | 30 | 57 | 10 | 34 | 58 | 13 | 35 | 65 | 10 | 38.1 | 47.63 | 4.78 |
| 28 | 48 | 7 | 30 | 60 | 10 | 34 | 62 | 10 | 35 | 70 | 8 | 38.1 | 50.8 | 6.35 |

外露骨架油封



| d | D | H | d | D | H | d | D | H | d | D | H | d | D | H |
|-------|-------|------|-------|-------|-------|-------|-------|------|-------|-------|------|-------|-------|-------|
| 38.1 | 57.2 | 12.7 | 40 | 72 | 12 | 44.45 | 61.93 | 9.52 | 48 | 62 | 7 | 50 | 90 | 10 |
| 38.1 | 63.5 | 7.14 | 40 | 80 | 10 | 44.45 | 69.85 | 12.7 | 48 | 62 | 8 | 50 | 90 | 13 |
| 38.1 | 63.5 | 12.7 | 40 | 80 | 12 | 44.45 | 76.2 | 9.53 | 48 | 62 | 10 | 50.01 | 68.22 | 12.7 |
| 38.1 | 63.55 | 7.95 | 40 | 80 | 13 | 45 | 55 | 7 | 48 | 65 | 10 | 50.8 | 65.1 | 13.5 |
| 38.1 | 65.05 | 12.7 | 40 | 90 | 12 | 45 | 55 | 8 | 48 | 65 | 12 | 50.8 | 69.06 | 11.91 |
| 38.1 | 70 | 12.7 | 40.49 | 70.05 | 7.95 | 45 | 60 | 7 | 48 | 65 | 14 | 50.8 | 76.2 | 9.53 |
| 38.1 | 72 | 7.95 | 41 | 53 | 7 | 45 | 60 | 8 | 48 | 68 | 10 | 51 | 62 | 7 |
| 38.89 | 60.33 | 9.53 | 41 | 56 | 7 | 45 | 60 | 10 | 48 | 68 | 12 | 52 | 68 | 8 |
| 39.7 | 52.4 | 6.5 | 41 | 65 | 9 | 45 | 60 | 12 | 48 | 72 | 10 | 52 | 68 | 10 |
| 39.7 | 53.97 | 7.95 | 41.27 | 52.38 | 6.98 | 45 | 61 | 9 | 48 | 72 | 12 | 52 | 68 | 12 |
| 39.7 | 60.33 | 12.7 | 41.27 | 57.15 | 9.52 | 45 | 62 | 7 | 48 | 80 | 13 | 52 | 70 | 10 |
| 39.7 | 62 | 6.35 | 41.27 | 61.91 | 9.52 | 45 | 62 | 8 | 48 | 90 | 8 | 52 | 72 | 10 |
| 40 | 47 | 4 | 41.28 | 60.33 | 9.53 | 45 | 62 | 10 | 48 | 90 | 10 | 52 | 72 | 12 |
| 40 | 52 | 4.5 | 41.28 | 63.5 | 12.7 | 45 | 62 | 12 | 49.21 | 69.85 | 12.7 | 52 | 75 | 10 |
| 40 | 52 | 7 | 42 | 52 | 8 | 45 | 65 | 8 | 49.21 | 76.2 | 14.7 | 52 | 75 | 12 |
| 40 | 52 | 8 | 42 | 52 | 10 | 45 | 65 | 10 | 49.23 | 61.93 | 6.35 | 52 | 76 | 10 |
| 40 | 55 | 8 | 42 | 55 | 7 | 45 | 70 | 10 | 49.23 | 68.22 | 12.7 | 52 | 80 | 10 |
| 40 | 55 | 9 | 42 | 55 | 8 | 45 | 70 | 12 | 49.23 | 68.28 | 9.53 | 52 | 80 | 13 |
| 40 | 55 | 10 | 42 | 55 | 9 | 45 | 72 | 10 | 49.23 | 69.58 | 9.53 | 52 | 85 | 10 |
| 40 | 55 | 12 | 42 | 56 | 7 | 45 | 72 | 12 | 49.99 | 68.22 | 12.7 | 52 | 90 | 13 |
| 40 | 56 | 7 | 42 | 56 | 8 | 45 | 75 | 6.35 | 50 | 62 | 7 | 53 | 68 | 10 |
| 40 | 56 | 10 | 42 | 57.15 | 10 | 45 | 75 | 12 | 50 | 62 | 10 | 53 | 70 | 8 |
| 40 | 57.15 | 10 | 42 | 58 | 7 | 45 | 78 | 8 | 50 | 65 | 8 | 53 | 90 | 13 |
| 40 | 58 | 9 | 42 | 60 | 10 | 45 | 80 | 10 | 50 | 65 | 10 | 53.98 | 69.85 | 7.95 |
| 40 | 58 | 10 | 42 | 62 | 7 | 45 | 80 | 13 | 50 | 65 | 12 | 54 | 70 | 10 |
| 40 | 60 | 10 | 42 | 62 | 8 | 45 | 85 | 8 | 50 | 68 | 10 | 54 | 72 | 12 |
| 40 | 60 | 12 | 42 | 62 | 10 | 45 | 85 | 10 | 50 | 68 | 12 | 54 | 74 | 8 |
| 40 | 62 | 6 | 42 | 62 | 12 | 45 | 85 | 13 | 50 | 68 | 14 | 54 | 74 | 10 |
| 40 | 62 | 7 | 42 | 65 | 10 | 45.95 | 59.97 | 9.65 | 50 | 70 | 8 | 54 | 80 | 10 |
| 40 | 62 | 8 | 42 | 65 | 12 | 46 | 56 | 7 | 50 | 70 | 10 | 54 | 80 | 12 |
| 40 | 62 | 9 | 42 | 72 | 10 | 46 | 56 | 9 | 50 | 70 | 12 | 54 | 85 | 10 |
| 40 | 62 | 10 | 42 | 72 | 12 | 46 | 60 | 7 | 50 | 70 | 14 | 54 | 90 | 13 |
| 40 | 62 | 12 | 42 | 80 | 13 | 46 | 78 | 10 | 50 | 72 | 8 | 55 | 68 | 8 |
| 40 | 65 | 9 | 42.88 | 55.58 | 4.78 | 46.05 | 66.62 | 7.95 | 50 | 72 | 10 | 55 | 70 | 8 |
| 40 | 65 | 10 | 43 | 58 | 13.5 | 47 | 62 | 9 | 50 | 72 | 12 | 55 | 70 | 10 |
| 40 | 65 | 12 | 44 | 56 | 7 | 47 | 72 | 8 | 50 | 75 | 10 | 55 | 72 | 8 |
| 40 | 67 | 8 | 44 | 58 | 7 | 47 | 72 | 10 | 50 | 75 | 12 | 55 | 72 | 10 |
| 40 | 67 | 10 | 44 | 60 | 10 | 47 | 72 | 12 | 50 | 76 | 12 | 55 | 72 | 12 |
| 40 | 68 | 7 | 44 | 62 | 7 | 47.62 | 60.32 | 6.35 | 50 | 80 | 8 | 55 | 75 | 10 |
| 40 | 68 | 10 | 44 | 62 | 8 | 47.63 | 62 | 8.26 | 50 | 80 | 10 | 55 | 75 | 12 |
| 40 | 70 | 10 | 44 | 62 | 12 | 47.63 | 63.5 | 7.95 | 50 | 80 | 12 | 55 | 78 | 13 |
| 40 | 72 | 7 | 44 | 68 | 12 | 47.63 | 80.16 | 14.3 | 50 | 80 | 13 | 55 | 80 | 8 |
| 40 | 72 | 9 | 44 | 72 | 12 | 48 | 58 | 4 | 50 | 85 | 10 | 55 | 80 | 10 |
| 40 | 72 | 10 | 44.45 | 59.13 | 11.13 | 48 | 61.82 | 6.35 | 50 | 85 | 13 | 55 | 80 | 13 |

外露骨架油封



| d | D | H | d | D | H | d | D | H | d | D | H | d | D | H |
|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|--------|-------|-------|--------|-------|
| 55 | 85 | 8 | 60 | 95 | 13 | 68 | 85 | 10 | 75 | 95 | 13 | 85 | 110 | 7 |
| 55 | 85 | 10 | 60 | 100 | 12 | 68 | 90 | 10 | 75 | 100 | 10 | 85 | 110 | 12 |
| 55 | 85 | 13 | 60 | 110 | 13 | 68 | 100 | 10 | 75 | 100 | 12 | 85 | 110 | 13 |
| 55 | 90 | 8 | 60.32 | 98.42 | 11.1 | 68 | 110 | 13 | 75 | 100 | 13 | 85 | 110 | 15 |
| 55 | 90 | 13 | 62 | 75 | 10 | 69 | 85 | 8 | 75 | 105 | 10 | 85 | 115 | 13 |
| 55 | 100 | 13 | 62 | 80 | 10 | 69.85 | 92.07 | 12.7 | 75 | 105 | 12 | 85 | 120 | 12 |
| 56 | 72 | 8 | 62 | 80 | 12 | 69.85 | 95.25 | 12.7 | 75 | 105 | 13 | 85 | 120 | 13 |
| 56 | 75 | 8 | 62 | 83 | 12 | 69.85 | 98.42 | 11.91 | 75 | 110 | 12 | 85 | 120 | 15 |
| 56 | 78 | 12 | 62 | 85 | 10 | 69.85 | 101.68 | 11.13 | 75 | 110 | 13 | 85 | 140 | 13 |
| 57 | 72 | 10 | 62 | 85 | 12 | 69.85 | 104.78 | 11.13 | 75 | 120 | 10 | 85 | 150 | 13 |
| 57 | 85 | 12 | 62 | 85 | 13 | 70 | 85 | 6 | 76.2 | 85.73 | 4.95 | 85.73 | 104.78 | 9.53 |
| 57 | 85 | 13 | 62 | 90 | 10 | 70 | 85 | 8 | 76.2 | 101.68 | 11.13 | 85.73 | 117.48 | 9.53 |
| 57 | 90 | 13 | 62 | 90 | 12 | 70 | 85 | 13 | 77 | 95 | 10 | 88.9 | 114.3 | 6.35 |
| 57.15 | 69.85 | 6.35 | 62 | 90 | 13 | 70 | 90 | 10 | 77 | 100 | 10 | 88.9 | 120.65 | 15.87 |
| 57.15 | 76.2 | 11.13 | 63 | 85 | 12 | 70 | 90 | 12 | 78 | 95 | 8 | 88.9 | 123.04 | 22.23 |
| 57.15 | 76.2 | 12.7 | 63.5 | 80.16 | 7.95 | 70 | 90 | 13 | 78 | 100 | 12 | 90 | 110 | 8 |
| 57.15 | 88.9 | 11.13 | 63.5 | 88.9 | 11.13 | 70 | 92 | 10 | 78 | 105 | 13 | 90 | 110 | 10 |
| 57.15 | 92.07 | 11.13 | 63.5 | 90 | 12.5 | 70 | 92 | 12 | 80 | 95 | 8 | 90 | 110 | 12 |
| 58 | 72 | 8 | 64 | 85 | 10 | 70 | 95 | 10 | 80 | 98 | 13 | 90 | 110 | 13 |
| 58 | 75 | 8 | 64 | 89 | 13.2 | 70 | 95 | 13 | 80 | 100 | 10 | 90 | 110 | 15 |
| 58 | 75 | 12 | 64 | 90 | 10 | 70 | 100 | 10 | 80 | 100 | 12 | 90 | 112.7 | 13 |
| 58 | 80 | 10 | 64 | 90 | 13 | 70 | 100 | 13 | 80 | 100 | 13 | 90 | 115 | 9 |
| 58 | 80 | 12 | 64 | 100 | 13 | 70 | 105 | 13 | 80 | 105 | 13 | 90 | 115 | 13 |
| 58 | 85 | 13 | 65 | 80 | 8 | 70 | 115 | 13 | 80 | 105 | 15 | 90 | 120 | 8 |
| 58 | 90 | 13 | 65 | 80 | 12 | 70 | 120 | 13 | 80 | 110 | 10 | 90 | 120 | 12 |
| 58.7 | 85.09 | 7.94 | 65 | 82 | 10 | 72 | 82 | 6 | 80 | 110 | 12 | 90 | 120 | 13 |
| 60 | 70 | 7 | 65 | 85 | 8 | 72 | 90 | 10 | 80 | 110 | 13 | 90 | 120 | 15 |
| 60 | 70 | 8 | 65 | 85 | 10 | 72 | 95 | 13 | 80 | 112 | 12 | 90 | 125 | 13 |
| 60 | 72 | 8 | 65 | 85 | 12 | 72 | 105 | 13 | 80 | 120 | 12 | 90 | 130 | 13 |
| 60 | 74 | 8 | 65 | 85 | 13 | 72 | 140 | 12 | 80 | 125 | 13 | 90 | 140 | 13 |
| 60 | 75 | 8 | 65 | 90 | 8 | 73.02 | 92.07 | 9.52 | 80 | 140 | 13 | 92 | 120 | 13 |
| 60 | 77 | 6 | 65 | 90 | 10 | 73.02 | 95.25 | 12.7 | 80.98 | 114.3 | 11.89 | 92.07 | 111.13 | 11.13 |
| 60 | 78 | 9 | 65 | 90 | 12 | 73.02 | 98.42 | 11.11 | 81 | 100 | 10 | 92.07 | 123.82 | 11.13 |
| 60 | 80 | 8 | 65 | 90 | 13 | 73.02 | 101.6 | 9.53 | 82 | 105 | 13 | 93 | 115 | 13 |
| 60 | 80 | 10 | 65 | 95 | 10 | 73.03 | 95.25 | 9.53 | 82.55 | 117.48 | 12.7 | 93 | 120 | 13 |
| 60 | 80 | 12 | 65 | 95 | 13 | 74 | 90 | 10 | 82.55 | 133.35 | 12.7 | 94 | 114 | 7 |
| 60 | 80 | 13 | 65 | 100 | 8 | 74.63 | 92.07 | 9.53 | 83 | 100 | 9 | 95 | 110 | 9 |
| 60 | 85 | 10 | 65 | 100 | 10 | 75 | 90 | 7 | 83 | 110 | 12 | 95 | 110 | 10 |
| 60 | 85 | 12 | 65 | 100 | 13 | 75 | 90 | 8 | 84 | 105 | 13 | 95 | 110 | 13 |
| 60 | 85 | 13 | 66 | 90 | 13 | 75 | 90 | 10 | 84 | 110 | 12 | 95 | 115 | 13 |
| 60 | 90 | 8 | 66.68 | 88.9 | 11.13 | 75 | 90 | 12 | 85 | 100 | 12 | 95 | 120 | 12 |
| 60 | 90 | 10 | 67 | 80 | 10 | 75 | 95 | 5 | 85 | 105 | 10 | 95 | 120 | 13 |
| 60 | 90 | 12 | 67 | 85 | 10 | 75 | 95 | 8 | 85 | 105 | 12 | 95 | 120 | 15 |
| 60 | 90 | 13 | 68 | 78 | 7 | 75 | 95 | 10 | 85 | 105 | 13 | 95 | 125 | 12 |

外露骨架油封



| d | D | H | d | D | H | d | D | H | d | D | H | d | D | H |
|--------|--------|-------|--------|--------|-------|--------|--------|-------|-------|--------|-------|--------|--------|-------|
| 95 | 125 | 13 | 110 | 140 | 10 | 127 | 158.75 | 12.7 | 150 | 180 | 16 | 190 | 220 | 15 |
| 95 | 125 | 15 | 110 | 140 | 12 | 127 | 158.75 | 14.28 | 150 | 190 | 15 | 190 | 220 | 16 |
| 95 | 130 | 13 | 110 | 140 | 13 | 127 | 158.75 | 15.88 | 152.4 | 190.5 | 14.3 | 190 | 225 | 16 |
| 95.25 | 133.35 | 15.88 | 110 | 140 | 14 | 129 | 160 | 15 | 155 | 180 | 13 | 190 | 230 | 15 |
| 98 | 120 | 13 | 110 | 140 | 15 | 130 | 150 | 10 | 155 | 180 | 15 | 190 | 230 | 16 |
| 98 | 125 | 13 | 110 | 145 | 13 | 130 | 150 | 14 | 155 | 185 | 15 | 192 | 210 | 10 |
| 100 | 118 | 9 | 110 | 150 | 15 | 130 | 160 | 8 | 155 | 190 | 13 | 195 | 230 | 15 |
| 100 | 120 | 8 | 111.13 | 146.05 | 14.3 | 130 | 160 | 12 | 155 | 190 | 15 | 195 | 230 | 16 |
| 100 | 120 | 10 | 112 | 130 | 8 | 130 | 160 | 13 | 155 | 200 | 15 | 195 | 250 | 22 |
| 100 | 120 | 12 | 113 | 140 | 13 | 130 | 160 | 14 | 160 | 180 | 10 | 200 | 230 | 14 |
| 100 | 120 | 13 | 113 | 160 | 12 | 130 | 160 | 15 | 160 | 180 | 12 | 200 | 230 | 15 |
| 100 | 125 | 12 | 114.3 | 133.35 | 11.13 | 130 | 160 | 16 | 160 | 180 | 15 | 200 | 230 | 16 |
| 100 | 125 | 13 | 115 | 135 | 9 | 130 | 180 | 15 | 160 | 185 | 10 | 200 | 250 | 15 |
| 100 | 130 | 10 | 115 | 135 | 13 | 130.17 | 155.57 | 15.88 | 160 | 190 | 13 | 200.03 | 238.13 | 19.05 |
| 100 | 130 | 12 | 115 | 140 | 12 | 132 | 150 | 13 | 160 | 190 | 15 | 203.2 | 228.6 | 15.88 |
| 100 | 130 | 13 | 115 | 140 | 13 | 132 | 160 | 12 | 160 | 200 | 15 | 205 | 230 | 15 |
| 100 | 130 | 16 | 115 | 140 | 15 | 132 | 160 | 13 | 165 | 190 | 13 | 205 | 230 | 16 |
| 100 | 140 | 13 | 115 | 145 | 15 | 132 | 160 | 15 | 165 | 190 | 15 | 210 | 240 | 12 |
| 101.6 | 127 | 7.95 | 115 | 150 | 13 | 135 | 160 | 13 | 165 | 195 | 18 | 210 | 240 | 15 |
| 101.6 | 127 | 11.13 | 115 | 160 | 15 | 135 | 165 | 14 | 170 | 190 | 12 | 210 | 250 | 16 |
| 101.6 | 127 | 11.89 | 117.47 | 146.05 | 14.28 | 135 | 170 | 12 | 170 | 190 | 15 | 215 | 240 | 12 |
| 101.6 | 130.18 | 12.7 | 117.47 | 152.4 | 15.87 | 135 | 175 | 16 | 170 | 200 | 13 | 215 | 250 | 16 |
| 103 | 125 | 13 | 118 | 136 | 13 | 139.7 | 171.45 | 15.88 | 170 | 200 | 15 | 218 | 250 | 16 |
| 104.78 | 127 | 14.3 | 118 | 140 | 13 | 139.7 | 184.15 | 15.87 | 170 | 200 | 16 | 220 | 250 | 11 |
| 105 | 120 | 7 | 120 | 140 | 13 | 140 | 160 | 13 | 172 | 200 | 15 | 220 | 250 | 15 |
| 105 | 120 | 15 | 120 | 145 | 15 | 140 | 160 | 15 | 175 | 200 | 15 | 220 | 270 | 15 |
| 105 | 125 | 10 | 120 | 146 | 12 | 140 | 165 | 12 | 175 | 210 | 15 | 225 | 250 | 16 |
| 105 | 125 | 12 | 120 | 150 | 12 | 140 | 165 | 15 | 175 | 210 | 16 | 230 | 255 | 10 |
| 105 | 125 | 13 | 120 | 150 | 13 | 140 | 170 | 13 | 175 | 215 | 16 | 230 | 255 | 15 |
| 105 | 130 | 12 | 120 | 150 | 14 | 140 | 170 | 15 | 177.8 | 203.2 | 15.88 | 230 | 260 | 15 |
| 105 | 130 | 13 | 120 | 150 | 15 | 140 | 180 | 15 | 177.8 | 209.55 | 19.05 | 230 | 270 | 15 |
| 105 | 130 | 15 | 120 | 160 | 12 | 144 | 160 | 10 | 180 | 200 | 15 | 230 | 270 | 16 |
| 105 | 140 | 12 | 120 | 160 | 13 | 145 | 165 | 13 | 180 | 210 | 15 | 235 | 270 | 16 |
| 105 | 140 | 13 | 120 | 160 | 15 | 145 | 170 | 15 | 180 | 210 | 16 | 240 | 270 | 15 |
| 105 | 140 | 14 | 120 | 170 | 15 | 145 | 175 | 13 | 180 | 215 | 15 | 240 | 280 | 16 |
| 105 | 145 | 15 | 120.65 | 146.05 | 12.7 | 145 | 175 | 14 | 180 | 215 | 16 | 245 | 270 | 16 |
| 105 | 150 | 15 | 123.8 | 152.4 | 12.7 | 145 | 175 | 15 | 180 | 220 | 16 | 250 | 280 | 15 |
| 107.95 | 133.35 | 12.7 | 124 | 150 | 12 | 145 | 180 | 13 | 180 | 220 | 18 | 250 | 280 | 16 |
| 108 | 130 | 13 | 125 | 150 | 12 | 146.05 | 168.27 | 12.7 | 180 | 230 | 16 | 250 | 290 | 16 |
| 110 | 128 | 9 | 125 | 150 | 13 | 146.05 | 171.45 | 12.7 | 185 | 215 | 15 | 254 | 279.4 | 14.3 |
| 110 | 130 | 12 | 125 | 150 | 15 | 148 | 170 | 15 | 185 | 215 | 16 | 255 | 290 | 16 |
| 110 | 130 | 13 | 125 | 152.4 | 15 | 150 | 170 | 15 | 185 | 230 | 16 | 260 | 280 | 16 |
| 110 | 130 | 15 | 125 | 160 | 15 | 150 | 180 | 13 | 188 | 215 | 16 | 260 | 290 | 16 |
| 110 | 135 | 13 | 125 | 170 | 13 | 150 | 180 | 15 | 190 | 215 | 16 | 260 | 300 | 16 |

外露骨架油封



| d | D | H | d | D | H | d | D | H | d | D | H | d | D | H |
|-----|-----|----|-----|-----|----|-----|-----|----|-----|-----|----|-----|-----|----|
| 260 | 300 | 18 | 280 | 310 | 16 | 320 | 360 | 20 | 375 | 420 | 20 | 450 | 510 | 25 |
| 260 | 300 | 20 | 280 | 320 | 18 | 330 | 370 | 18 | 380 | 420 | 20 | 460 | 500 | 20 |
| 265 | 290 | 16 | 280 | 320 | 20 | 340 | 372 | 16 | 380 | 430 | 19 | | | |
| 265 | 300 | 16 | 290 | 330 | 18 | 340 | 380 | 18 | 400 | 440 | 20 | | | |
| 270 | 300 | 15 | 300 | 340 | 20 | 340 | 380 | 20 | 420 | 460 | 20 | | | |
| 275 | 294 | 12 | 320 | 350 | 18 | 350 | 390 | 18 | 440 | 480 | 20 | | | |