

## Elastomer Bellows Mechanical Seals

### LY1A

- **Operational Conditions:**

Temperature: -20°C to +120°C

Pressure: ≤ 1.4MPa

Speed: ≤ 15m/s

- **Materials:**

Stationary Ring: V1,Q2,Q1,U2,U1

Rotary Ring: B,A,Q1,Q2,U1,U2

Secondary Seal: P,E,V

Spring and Metal Parts: F,G

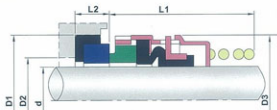
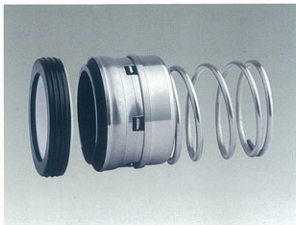
- **Seal Type:**

Standard: LYCT20-1

Alternative: LYT20, LYCT20, LYT21, LYT11

- **Applications: Clean water, sewage water,**

Oil and other moderately corrosive fluids.



| 规格/Size<br>(英制/Inch) | d     | D3  | D2    | D1     | L1 | L2   |
|----------------------|-------|-----|-------|--------|----|------|
| 0.375                | 9.5   | 22  | 11.0  | 24.60  | 44 | 8.7  |
| 0.500                | 12.7  | 25  | 13.5  | 27.80  | 44 | 8.7  |
| 0.625                | 15.8  | 29  | 17.0  | 30.95  | 44 | 10.3 |
| 0.750                | 19.0  | 32  | 20.0  | 34.15  | 44 | 10.3 |
| 0.813                | 20.6  | 33  | 21.5  | 35.70  | 44 | 10.3 |
| 0.875                | 22.2  | 35  | 23.0  | 37.30  | 44 | 10.3 |
| 1.000                | 25.4  | 38  | 26.5  | 40.50  | 44 | 10.3 |
| 1.125                | 28.5  | 46  | 29.5  | 47.65  | 60 | 11.9 |
| 1.250                | 31.7  | 49  | 32.5  | 50.80  | 60 | 11.9 |
| 1.375                | 34.9  | 52  | 36.5  | 54.00  | 60 | 11.9 |
| 1.500                | 38.1  | 56  | 39.5  | 57.15  | 60 | 11.9 |
| 1.625                | 41.2  | 59  | 42.5  | 60.35  | 60 | 11.9 |
| 1.750                | 44.4  | 62  | 46.0  | 63.50  | 71 | 11.9 |
| 1.875                | 47.6  | 65  | 49.0  | 66.70  | 71 | 11.9 |
| 2.000                | 50.8  | 68  | 52.0  | 69.85  | 71 | 13.5 |
| 2.125                | 53.9  | 71  | 55.5  | 73.05  | 71 | 13.5 |
| 2.250                | 57.1  | 75  | 58.5  | 76.20  | 71 | 13.5 |
| 2.375                | 60.3  | 78  | 61.5  | 79.40  | 71 | 13.5 |
| 2.500                | 63.5  | 81  | 65.0  | 82.55  | 71 | 13.5 |
| 2.625                | 66.6  | 86  | 68.0  | 92.10  | 70 | 15.9 |
| 2.750                | 69.8  | 89  | 71.0  | 95.25  | 70 | 15.9 |
| 2.875                | 73.0  | 92  | 74.5  | 98.45  | 73 | 15.9 |
| 3.000                | 76.2  | 95  | 77.5  | 101.60 | 73 | 15.9 |
| 3.125                | 79.3  | 102 | 80.5  | 111.15 | 79 | 19.9 |
| 3.250                | 82.5  | 105 | 84.0  | 114.30 | 79 | 19.9 |
| 3.375                | 85.7  | 108 | 87.0  | 117.50 | 79 | 19.9 |
| 3.500                | 88.9  | 111 | 90.5  | 120.65 | 79 | 19.9 |
| 3.625                | 92.0  | 114 | 93.5  | 123.85 | 83 | 19.9 |
| 3.750                | 95.2  | 117 | 96.5  | 127.00 | 83 | 19.9 |
| 3.875                | 98.4  | 121 | 100.0 | 130.20 | 86 | 19.9 |
| 4.000                | 101.6 | 124 | 103.0 | 133.35 | 86 | 19.9 |

| 规格/Size<br>(公制/Metric) | d   | D3  | L1 |
|------------------------|-----|-----|----|
| 14                     | 14  | 29  | 44 |
| 16                     | 16  | 29  | 44 |
| 18                     | 18  | 32  | 44 |
| 19                     | 19  | 32  | 44 |
| 20                     | 20  | 33  | 44 |
| 24                     | 24  | 38  | 44 |
| 25                     | 25  | 38  | 44 |
| 27                     | 27  | 46  | 60 |
| 28                     | 28  | 46  | 60 |
| 29                     | 29  | 46  | 60 |
| 30                     | 30  | 49  | 60 |
| 32                     | 32  | 49  | 60 |
| 34                     | 34  | 52  | 60 |
| 35                     | 35  | 52  | 60 |
| 38                     | 38  | 56  | 60 |
| 40                     | 40  | 59  | 60 |
| 42                     | 42  | 62  | 71 |
| 45                     | 45  | 62  | 71 |
| 48                     | 48  | 65  | 71 |
| 50                     | 50  | 68  | 71 |
| 54                     | 54  | 71  | 71 |
| 55                     | 55  | 75  | 71 |
| 60                     | 60  | 78  | 71 |
| 65                     | 65  | 86  | 70 |
| 70                     | 70  | 89  | 70 |
| 73                     | 73  | 92  | 73 |
| 75                     | 75  | 95  | 73 |
| 80                     | 80  | 105 | 79 |
| 90                     | 90  | 114 | 83 |
| 95                     | 95  | 118 | 83 |
| 100                    | 100 | 124 | 86 |