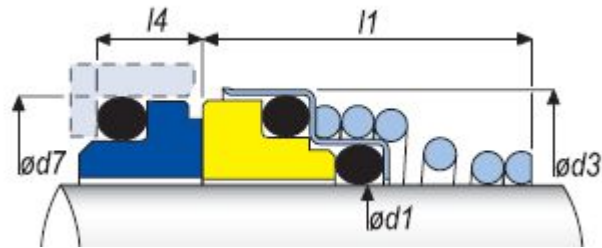


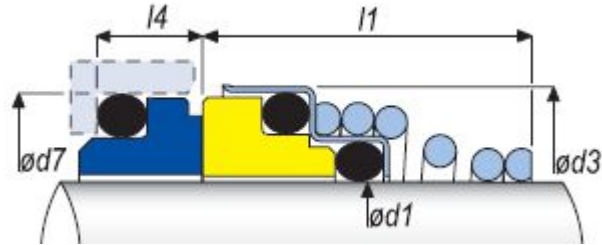
Type 21



| d1 | | d3 | | d7 | | l1 | | l4 | |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Metric | Inches | Metric | Inches | Metric | Inches | Metric | Inches | Metric | Inches |
| 10.0 | 0.394 | 19.5 | 0.768 | 18.1 | 0.713 | 15.0 | 0.591 | 5.5 | 0.217 |
| 11.0 | 0.433 | 22.0 | 0.866 | 20.6 | 0.811 | 18.0 | 0.709 | 5.5 | 0.217 |
| 12.0 | 0.472 | 23.0 | 0.906 | 20.6 | 0.811 | 18.0 | 0.709 | 5.5 | 0.217 |
| 13.0 | 0.512 | 25.0 | 0.984 | 23.1 | 0.909 | 22.0 | 0.866 | 6.0 | 0.236 |
| 14.0 | 0.551 | 25.0 | 0.984 | 23.1 | 0.909 | 22.0 | 0.866 | 6.0 | 0.236 |
| 15.0 | 0.591 | 28.7 | 1.132 | 26.9 | 1.059 | 22.0 | 0.866 | 7.0 | 0.276 |
| 16.0 | 0.630 | 28.7 | 1.132 | 26.9 | 1.059 | 23.0 | 0.906 | 7.0 | 0.276 |
| 17.0 | 0.669 | 28.7 | 1.132 | 26.9 | 1.059 | 23.0 | 0.906 | 7.0 | 0.276 |
| 18.0 | 0.709 | 32.7 | 1.289 | 30.9 | 1.217 | 24.0 | 0.945 | 8.0 | 0.315 |
| 19.0 | 0.748 | 32.7 | 1.289 | 30.9 | 1.217 | 25.0 | 0.984 | 8.0 | 0.315 |
| 20.0 | 0.787 | 32.7 | 1.289 | 30.9 | 1.217 | 25.0 | 0.984 | 8.0 | 0.315 |
| 21.0 | 0.827 | 37.5 | 1.476 | 35.4 | 1.394 | 25.0 | 0.984 | 8.0 | 0.315 |
| 22.0 | 0.866 | 37.5 | 1.476 | 35.4 | 1.394 | 25.0 | 0.984 | 8.0 | 0.315 |
| 23.0 | 0.906 | 37.5 | 1.476 | 35.4 | 1.394 | 27.0 | 1.063 | 8.0 | 0.315 |
| 24.0 | 0.945 | 37.5 | 1.476 | 35.4 | 1.394 | 27.0 | 1.063 | 8.0 | 0.315 |
| 25.0 | 0.984 | 40.0 | 1.575 | 38.2 | 1.504 | 27.0 | 1.063 | 8.5 | 0.335 |
| 28.0 | 1.102 | 45.5 | 1.791 | 43.3 | 1.705 | 29.0 | 1.142 | 9.0 | 0.354 |
| 29.0 | 1.142 | 45.5 | 1.791 | 43.3 | 1.705 | 30.0 | 1.181 | 9.0 | 0.354 |
| 30.0 | 1.181 | 45.5 | 1.791 | 43.3 | 1.705 | 30.0 | 1.181 | 9.0 | 0.354 |
| 32.0 | 1.260 | 45.5 | 1.791 | 43.3 | 1.705 | 30.0 | 1.181 | 9.0 | 0.354 |
| 33.0 | 1.299 | 48.0 | 1.890 | 53.5 | 2.106 | 39.0 | 1.535 | 11.5 | 0.453 |
| 35.0 | 1.378 | 50.0 | 1.969 | 53.5 | 2.106 | 39.0 | 1.535 | 11.5 | 0.453 |
| 38.0 | 1.496 | 56.0 | 2.205 | 60.5 | 2.382 | 39.0 | 1.535 | 11.5 | 0.453 |
| 40.0 | 1.575 | 58.0 | 2.283 | 60.5 | 2.382 | 39.0 | 1.535 | 11.5 | 0.453 |

Rotary Face : **Ceramics, Silicon Carbide** Speed : 20 m/s
 Stationary Face: **Carbon, Silicon Carbide** Pressure : 200psi
 Elastomer : **NBR , Viton** Temp: -40 to 200 C

Type 21DIN



| d1 | | d3 | | d7 | | l1 | | l4 | |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Metric | Inches | Metric | Inches | Metric | Inches | Metric | Inches | Metric | Inches |
| 10.0 | 0.394 | 20.0 | 0.787 | 21.0 | 0.827 | 15.0 | 0.591 | 7.0 | 0.276 |
| 12.0 | 0.472 | 22.0 | 0.866 | 23.0 | 0.906 | 18.0 | 0.709 | 7.0 | 0.276 |
| 14.0 | 0.551 | 24.0 | 0.945 | 25.0 | 0.984 | 22.0 | 0.866 | 7.0 | 0.276 |
| 16.0 | 0.630 | 26.0 | 1.024 | 27.0 | 1.063 | 23.0 | 0.906 | 7.0 | 0.276 |
| 18.0 | 0.709 | 32.0 | 1.260 | 33.0 | 1.260 | 24.0 | 0.945 | 10.0 | 0.394 |
| 20.0 | 0.787 | 33.0 | 1.299 | 35.0 | 1.378 | 25.0 | 0.984 | 10.0 | 0.394 |
| 22.0 | 0.866 | 36.0 | 1.417 | 37.0 | 1.457 | 25.0 | 0.984 | 10.0 | 0.394 |
| 24.0 | 0.945 | 37.4 | 1.472 | 39.0 | 1.535 | 27.0 | 1.063 | 10.0 | 0.394 |
| 25.0 | 0.984 | 38.0 | 1.496 | 40.0 | 1.575 | 27.0 | 1.063 | 10.0 | 0.394 |
| 28.0 | 1.102 | 42.0 | 1.654 | 43.0 | 1.693 | 29.0 | 1.142 | 10.0 | 0.394 |
| 30.0 | 1.181 | 44.0 | 1.732 | 45.0 | 1.772 | 30.0 | 1.181 | 10.0 | 0.394 |
| 32.0 | 1.260 | 45.5 | 1.791 | 48.0 | 1.890 | 30.0 | 1.181 | 10.0 | 0.394 |
| 33.0 | 1.299 | 46.5 | 1.831 | 48.0 | 1.890 | 39.0 | 1.535 | 10.0 | 0.394 |
| 35.0 | 1.378 | 49.0 | 1.929 | 50.0 | 1.969 | 39.0 | 1.535 | 10.0 | 0.394 |
| 38.0 | 1.496 | 56.0 | 2.205 | 56.0 | 2.205 | 42.0 | 1.654 | 13.0 | 0.512 |
| 40.0 | 1.575 | 58.0 | 2.283 | 58.0 | 2.283 | 42.0 | 1.654 | 13.0 | 0.512 |

Rotary Face : **Ceramics, Silicon Carbide** Speed : 20 m/s
 Stationary Face: **Carbon, Silicon Carbide** Pressure : 200psi
 Elastomer : **NBR , Viton** Temp: -40 to 200 C