

Gestion-V Manufacturer's Agent

Phone: 450-365-9992

Jean-Paul Vigneault

Mechanical seals of all types and materials
adapted to your applications

We fabricate customs mechanical seals

We sell off the shelves mechanical seals
Metric and Imperial dimensions

We repair all major brand of mechanical seals

Our knowledge at your service



www.gestion-v.com



jpv@gestion-v.com

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20 Years at your service

Inventory European and American styles
 Submersible pumps seals
 Food industry
 Compressors
 Mixers
 Votators
 Reactors
 Industrial process equipments
 Custom fabrication
 Reconditionning
 OEM Supplies

Conception adapted to your equipments and process

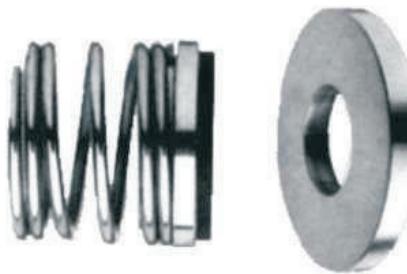
Fabrication

Complete machining center

In a short time, we can fabricate custom parts adapted to your applications

- Tungsten carbide
- Silicon carbide
- Carbon
- Teflon/graphite - Virgin Teflon - Glassfill Teflon
- High purity ceramic
- Brass
- Hasteloy-C
- Stellite
- Stainless steel and other exotic materials

Fabrication and supply for food industry



Fabrication of complete mechanical seals or faces adapted to the equipments used in the industry.

Standard or custom fabrication with compatible materials



Stainless steels

Carbon



Teflon

Silicon carbide



O-rings and gaskets



for food industry



32MM QBKBSC6-32



27MM QBKBSC6-27



22MM QBKBSC6-22



22MM QBKBSC6-22A

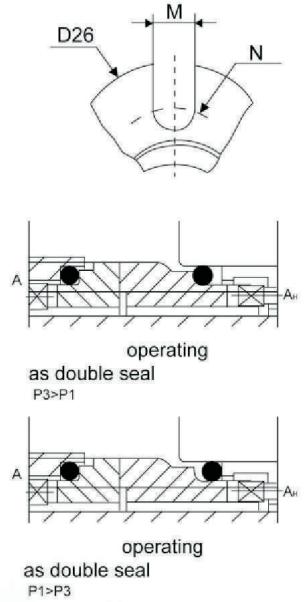
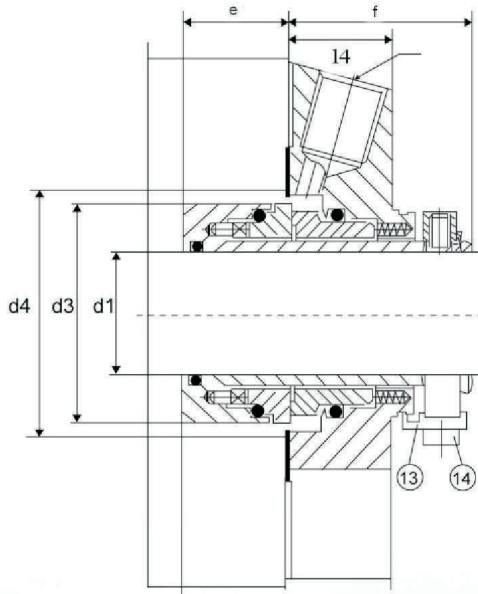
for food industry



We can supply many types of mechanical seals specific to process applications in the food industry

Mr100

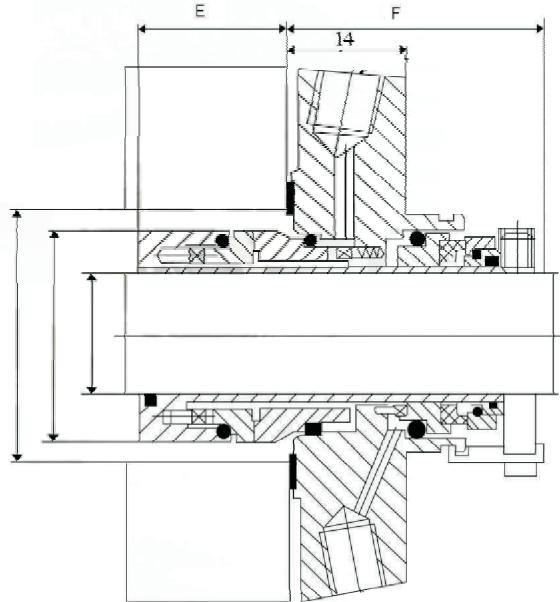
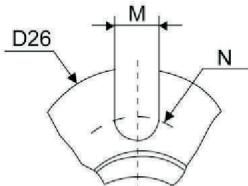
Single cartridge seals for general applications
standard dimensions



| SHAFT | D3 | D4 | | D26 | e | e max | f | f max | l4 | M | N | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | MIN | MAX | | | | | | | | MIN | MAX |
| 1.000 | 1.693 | 1.732 | 2.008 | 4.000 | 0.948 | 1.073 | 1.600 | 1.646 | 0.985 | 0.525 | 2.863 | 3.496 |
| 1.125 | 1.811 | 1.850 | 2.102 | 4.125 | 0.948 | 1.073 | 1.600 | 1.663 | 0.985 | 0.525 | 2.982 | 3.626 |
| 1.250 | 1.969 | 2.008 | 2.295 | 4.250 | 0.948 | 1.073 | 1.600 | 1.663 | 0.985 | 0.525 | 3.213 | 3.754 |
| 1.375 | 2.087 | 2.129 | 2.474 | 4.250 | 0.948 | 1.073 | 1.600 | 1.663 | 0.985 | 0.525 | 3.339 | 3.874 |
| 1.500 | 2.205 | 2.244 | 2.681 | 4.375 | 0.948 | 1.073 | 1.606 | 1.668 | 0.985 | 0.525 | 3.598 | 4.374 |
| 1.625 | 2.311 | 2.350 | 2.811 | 4.875 | 0.948 | 1.073 | 1.606 | 1.668 | 0.985 | 0.562 | 3.768 | 4.387 |
| 1.750 | 2.461 | 2.520 | 2.917 | 5.000 | 0.948 | 1.073 | 1.606 | 1.668 | 0.985 | 0.562 | 3.874 | 4.752 |
| 1.875 | 2.583 | 2.638 | 2.917 | 5.250 | 0.948 | 1.073 | 1.606 | 1.668 | 0.985 | 0.562 | 3.874 | 4.752 |
| 2.000 | 2.677 | 2.717 | 3.016 | 5.500 | 0.948 | 1.073 | 1.671 | 1.733 | 0.985 | 0.562 | 4.000 | 5.000 |
| 2.125 | 2.835 | 2.874 | 3.358 | 5.859 | 0.948 | 1.073 | 1.671 | 1.733 | 0.985 | 0.687 | 4.469 | 5.237 |
| 2.250 | 2.953 | 3.000 | 3.484 | 6.500 | 0.948 | 1.073 | 1.671 | 1.733 | 0.985 | 0.687 | 4.567 | 5.878 |
| 2.375 | 3.071 | 3.110 | 3.610 | 6.500 | 0.948 | 1.073 | 1.671 | 1.733 | 0.985 | 0.687 | 4.720 | 5.874 |
| 2.500 | 3.213 | 3.250 | 3.811 | 6.500 | 0.948 | 1.073 | 1.671 | 1.733 | 0.985 | 0.687 | 4.921 | 5.874 |
| 2.625 | 3.327 | 3.374 | 3.890 | 6.750 | 0.948 | 1.073 | 1.671 | 1.733 | 0.985 | 0.687 | 5.000 | 6.124 |
| 2.750 | 3.563 | 3.642 | 4.063 | 6.750 | 0.948 | 1.073 | 1.671 | 1.733 | 0.985 | 0.687 | 5.169 | 6.124 |
| 2.875 | 3.715 | 3.750 | 4.186 | 7.000 | 1.173 | 1.298 | 1.891 | 1.953 | 1.091 | 0.812 | 5.312 | 6.312 |
| 3.000 | 3.915 | 4.000 | 4.469 | 7.750 | 1.173 | 1.298 | 1.900 | 1.953 | 1.091 | 0.812 | 5.720 | 6.935 |
| 3.125 | 4.091 | 4.173 | 4.598 | 7.437 | 1.173 | 1.298 | 1.900 | 2.025 | 1.091 | 0.812 | 5.846 | 6.748 |
| 3.250 | 4.091 | 4.173 | 4.598 | 7.437 | 1.173 | 1.298 | 1.900 | 2.025 | 1.091 | 0.812 | 5.846 | 6.748 |
| 3.375 | 4.291 | 4.374 | 4.850 | 8.126 | 1.173 | 1.298 | 1.900 | 2.025 | 1.091 | 0.812 | 6.094 | 7.437 |
| 3.500 | 4.410 | 4.500 | 4.975 | 8.250 | 1.173 | 1.298 | 1.900 | 2.025 | 1.091 | 0.812 | 6.220 | 7.439 |
| 3.625 | 4.539 | 4.626 | 5.098 | 8.374 | 1.173 | 1.298 | 1.900 | 2.025 | 1.091 | 0.812 | 6.244 | 7.685 |
| 3.750 | 4.665 | 4.728 | 5.201 | 8.760 | 1.173 | 1.298 | 1.900 | 2.025 | 1.091 | 0.812 | 6.772 | 8.061 |
| 3.875 | 4.789 | 4.875 | 5.375 | 8.760 | 1.173 | 1.298 | 1.900 | 2.025 | 1.091 | 0.812 | 6.636 | 8.061 |
| 4.000 | 4.915 | 5.000 | 5.500 | 9.000 | 1.173 | 1.298 | 1.900 | 2.025 | 1.091 | 0.812 | 6.670 | 8.185 |

Mr200

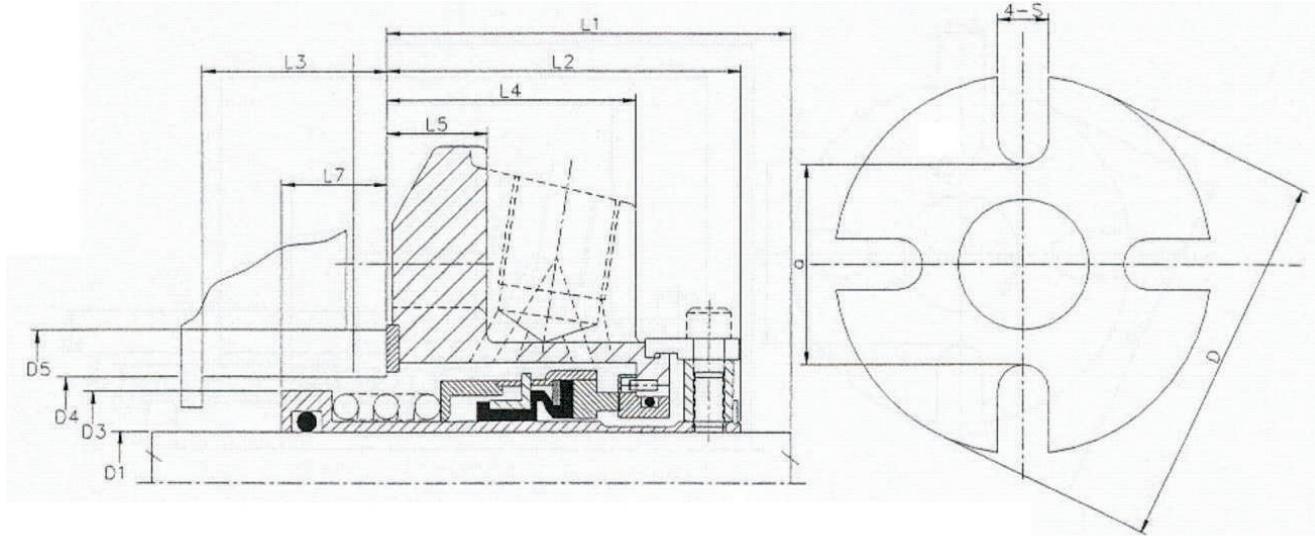
Double cartridge seals for general applications
standard dimensions



| SHAFT | D3 | D4 | | D26 | E | E max | F | F max | I4 | M | N | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | MIN | MAX | | | | | | | | MIN | MAX |
| 1.000 | 1.693 | 1.732 | 2.008 | 4.000 | 1.362 | 1.487 | 2.165 | 2.211 | 0.985 | 0.525 | 2.863 | 3.496 |
| 1.125 | 1.811 | 1.850 | 2.102 | 4.125 | 1.362 | 1.487 | 2.165 | 2.228 | 0.985 | 0.525 | 2.982 | 3.626 |
| 1.250 | 1.969 | 2.008 | 2.295 | 4.250 | 1.362 | 1.487 | 2.165 | 2.228 | 0.985 | 0.525 | 3.213 | 3.754 |
| 1.375 | 2.087 | 2.129 | 2.474 | 4.250 | 1.362 | 1.487 | 2.165 | 2.228 | 0.985 | 0.525 | 3.339 | 3.874 |
| 1.500 | 2.205 | 2.244 | 2.681 | 4.375 | 1.368 | 1.493 | 2.165 | 2.228 | 0.985 | 0.525 | 3.598 | 4.374 |
| 1.625 | 2.311 | 2.350 | 2.811 | 4.875 | 1.368 | 1.493 | 2.165 | 2.228 | 0.985 | 0.562 | 3.768 | 4.387 |
| 1.750 | 2.461 | 2.520 | 2.917 | 5.000 | 1.368 | 1.493 | 2.165 | 2.228 | 0.985 | 0.562 | 3.874 | 4.752 |
| 1.875 | 2.583 | 2.638 | 2.917 | 5.250 | 1.368 | 1.493 | 2.165 | 2.228 | 0.985 | 0.562 | 3.874 | 4.752 |
| 2.000 | 2.677 | 2.717 | 3.016 | 5.500 | 1.368 | 1.493 | 2.295 | 2.357 | 0.985 | 0.562 | 4.000 | 5.000 |
| 2.125 | 2.835 | 2.874 | 3.358 | 5.859 | 1.368 | 1.493 | 2.295 | 2.357 | 0.985 | 0.687 | 4.469 | 5.237 |
| 2.250 | 2.953 | 3.000 | 3.484 | 6.500 | 1.368 | 1.493 | 2.295 | 2.357 | 0.985 | 0.687 | 4.567 | 5.878 |
| 2.375 | 3.071 | 3.110 | 3.610 | 6.500 | 1.368 | 1.493 | 2.295 | 2.357 | 0.985 | 0.687 | 4.720 | 5.874 |
| 2.500 | 3.213 | 3.250 | 3.811 | 6.500 | 1.368 | 1.493 | 2.295 | 2.357 | 0.985 | 0.687 | 4.921 | 5.874 |
| 2.625 | 3.327 | 3.374 | 3.890 | 6.750 | 1.368 | 1.493 | 2.295 | 2.357 | 0.985 | 0.687 | 5.000 | 6.124 |
| 2.750 | 3.563 | 3.642 | 4.063 | 6.750 | 1.368 | 1.493 | 2.295 | 2.357 | 0.985 | 0.687 | 5.169 | 6.124 |
| 2.875 | 3.715 | 3.750 | 4.186 | 7.000 | 1.603 | 1.728 | 2.511 | 2.565 | 1.091 | 0.812 | 5.312 | 6.312 |
| 3.000 | 3.915 | 4.000 | 4.469 | 7.750 | 1.603 | 1.728 | 2.511 | 2.565 | 1.091 | 0.812 | 5.720 | 6.935 |
| 3.125 | 4.091 | 4.173 | 4.598 | 7.437 | 1.603 | 1.728 | 2.511 | 2.636 | 1.091 | 0.812 | 5.846 | 6.748 |
| 3.250 | 4.091 | 4.173 | 4.598 | 7.437 | 1.603 | 1.728 | 2.511 | 2.636 | 1.091 | 0.812 | 5.846 | 6.748 |
| 3.375 | 4.291 | 4.374 | 4.850 | 8.126 | 1.603 | 1.728 | 2.511 | 2.636 | 1.091 | 0.812 | 6.094 | 7.437 |
| 3.500 | 4.410 | 4.500 | 4.975 | 8.250 | 1.603 | 1.728 | 2.511 | 2.636 | 1.091 | 0.812 | 6.220 | 7.439 |
| 3.625 | 4.539 | 4.626 | 5.098 | 8.374 | 1.823 | 1.948 | 2.563 | 2.688 | 1.091 | 0.812 | 6.244 | 7.685 |
| 3.750 | 4.665 | 4.728 | 5.201 | 8.760 | 1.823 | 1.948 | 2.563 | 2.688 | 1.091 | 0.812 | 6.772 | 8.061 |
| 3.875 | 4.789 | 4.875 | 5.375 | 8.760 | 1.823 | 1.948 | 2.563 | 2.688 | 1.091 | 0.812 | 6.636 | 8.061 |
| 4.000 | 4.915 | 5.000 | 5.500 | 9.000 | 1.823 | 1.948 | 2.563 | 2.688 | 1.091 | 0.812 | 6.670 | 8.185 |

Sr100

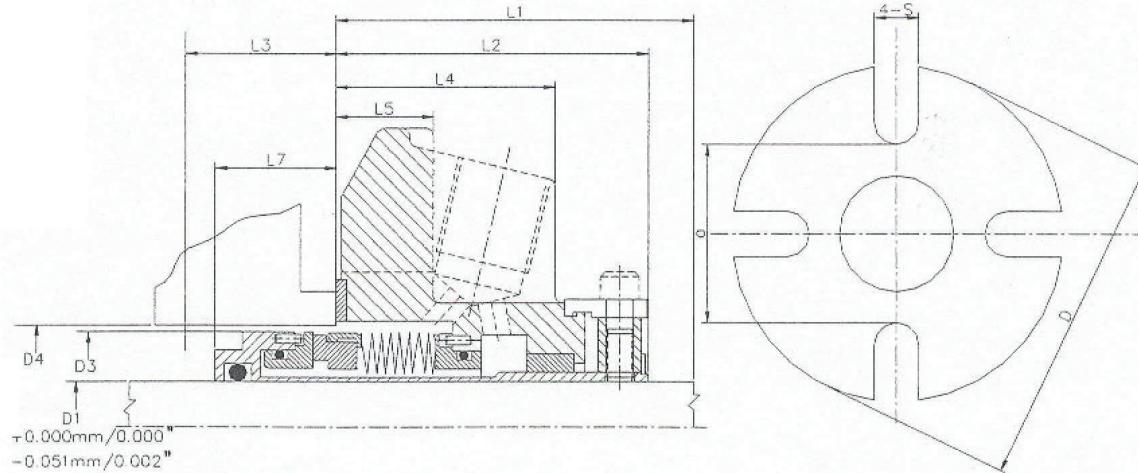
Single cartridge seals for general applications
single spring model
standard dimensions



| SHAFT D1 | D3 | D4 | | D | L1 | L2 | L3 | L4 | L5 | L7 | a | s |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | MIN | MAX | | | | | | | | | |
| 1.000 | 1.693 | 1.732 | 2.008 | 4.000 | 1.362 | 1.487 | 2.165 | 2.211 | 0.985 | 0.525 | 2.863 | 3.496 |
| 1.125 | 1.811 | 1.850 | 2.102 | 4.125 | 1.362 | 1.487 | 2.165 | 2.228 | 0.985 | 0.525 | 2.982 | 3.626 |
| 1.250 | 1.969 | 2.008 | 2.295 | 4.250 | 1.362 | 1.487 | 2.165 | 2.228 | 0.985 | 0.525 | 3.213 | 3.754 |
| 1.375 | 2.087 | 2.129 | 2.474 | 4.250 | 1.362 | 1.487 | 2.165 | 2.228 | 0.985 | 0.525 | 3.339 | 3.874 |
| 1.500 | 2.205 | 2.244 | 2.681 | 4.375 | 1.368 | 1.493 | 2.165 | 2.228 | 0.985 | 0.525 | 3.598 | 4.374 |
| 1.625 | 2.311 | 2.350 | 2.811 | 4.875 | 1.368 | 1.493 | 2.165 | 2.228 | 0.985 | 0.562 | 3.768 | 4.387 |
| 1.750 | 2.461 | 2.520 | 2.917 | 5.000 | 1.368 | 1.493 | 2.165 | 2.228 | 0.985 | 0.562 | 3.874 | 4.752 |
| 1.875 | 2.583 | 2.638 | 2.917 | 5.250 | 1.368 | 1.493 | 2.165 | 2.228 | 0.985 | 0.562 | 3.874 | 4.752 |
| 2.000 | 2.677 | 2.717 | 3.016 | 5.500 | 1.368 | 1.493 | 2.295 | 2.357 | 0.985 | 0.562 | 4.000 | 5.000 |
| 2.125 | 2.835 | 2.874 | 3.358 | 5.859 | 1.368 | 1.493 | 2.295 | 2.357 | 0.985 | 0.687 | 4.469 | 5.237 |
| 2.250 | 2.953 | 3.000 | 3.484 | 6.500 | 1.368 | 1.493 | 2.295 | 2.357 | 0.985 | 0.687 | 4.567 | 5.878 |
| 2.375 | 3.071 | 3.110 | 3.610 | 6.500 | 1.368 | 1.493 | 2.295 | 2.357 | 0.985 | 0.687 | 4.720 | 5.874 |
| 2.500 | 3.213 | 3.250 | 3.811 | 6.500 | 1.368 | 1.493 | 2.295 | 2.357 | 0.985 | 0.687 | 4.921 | 5.874 |
| 2.625 | 3.327 | 3.374 | 3.890 | 6.750 | 1.368 | 1.493 | 2.295 | 2.357 | 0.985 | 0.687 | 5.000 | 6.124 |
| 2.750 | 3.563 | 3.642 | 4.063 | 6.750 | 1.368 | 1.493 | 2.295 | 2.357 | 0.985 | 0.687 | 5.169 | 6.124 |
| 2.875 | 3.715 | 3.750 | 4.186 | 7.000 | 1.603 | 1.728 | 2.511 | 2.565 | 1.091 | 0.812 | 5.312 | 6.312 |
| 3.000 | 3.915 | 4.000 | 4.469 | 7.750 | 1.603 | 1.728 | 2.511 | 2.565 | 1.091 | 0.812 | 5.720 | 6.935 |
| 3.125 | 4.091 | 4.173 | 4.598 | 7.437 | 1.603 | 1.728 | 2.511 | 2.636 | 1.091 | 0.812 | 5.846 | 6.748 |
| 3.250 | 4.091 | 4.173 | 4.598 | 7.437 | 1.603 | 1.728 | 2.511 | 2.636 | 1.091 | 0.812 | 5.846 | 6.748 |
| 3.375 | 4.291 | 4.374 | 4.850 | 8.126 | 1.603 | 1.728 | 2.511 | 2.636 | 1.091 | 0.812 | 6.094 | 7.437 |
| 3.500 | 4.410 | 4.500 | 4.975 | 8.250 | 1.603 | 1.728 | 2.511 | 2.636 | 1.091 | 0.812 | 6.220 | 7.439 |
| 3.625 | 4.539 | 4.626 | 5.098 | 8.374 | 1.823 | 1.948 | 2.563 | 2.688 | 1.091 | 0.812 | 6.244 | 7.685 |
| 3.750 | 4.665 | 4.728 | 5.201 | 8.760 | 1.823 | 1.948 | 2.563 | 2.688 | 1.091 | 0.812 | 6.772 | 8.061 |
| 3.875 | 4.789 | 4.875 | 5.375 | 8.760 | 1.823 | 1.948 | 2.563 | 2.688 | 1.091 | 0.812 | 6.636 | 8.061 |
| 4.000 | 4.915 | 5.000 | 5.500 | 9.000 | 1.823 | 1.948 | 2.563 | 2.688 | 1.091 | 0.812 | 6.670 | 8.185 |

Mb100

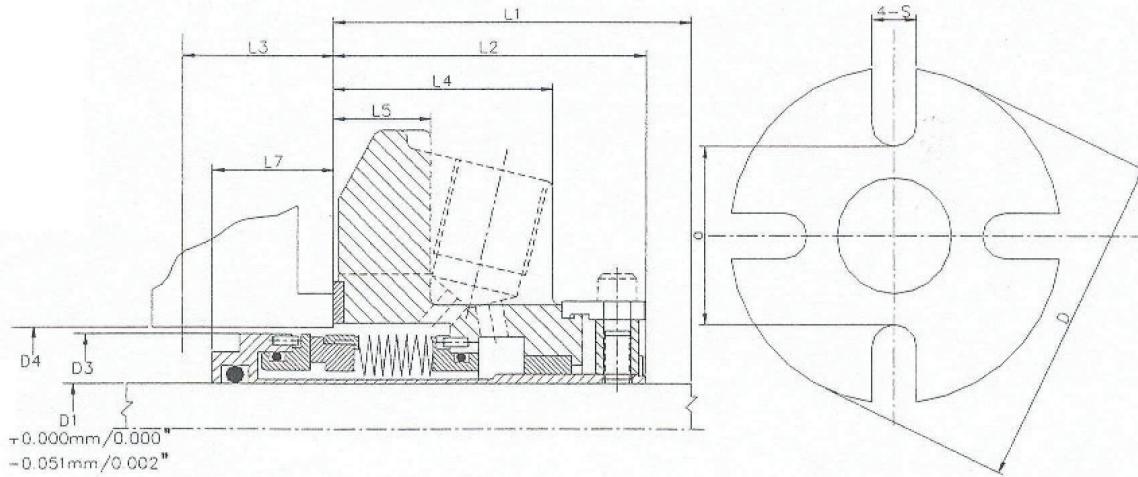
Single cartridge seals for general applications
with metal bellows seal
standard dimensions



| Seal Size D1 | D3 | D4 | | D | L1 | L2 | L3 | L4 | L5 | L7 | a | S |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Min | Max | | | | | | | | | |
| 1.000 | 1.564 | 1.625 | 1.889 | 4.000 | 2.000 | 1.954 | 0.746 | 1.353 | 0.531 | 0.621 | 2.280 | 0.525 |
| 1.125 | 1.689 | 1.750 | 2.015 | 4.125 | 2.125 | 2.062 | 0.714 | 1.446 | 0.531 | 0.589 | 2.408 | 0.525 |
| 1.250 | 1.812 | 1.875 | 2.294 | 4.250 | 2.125 | 2.062 | 0.791 | 1.446 | 0.531 | 0.666 | 2.688 | 0.525 |
| 1.375 | 1.939 | 2.000 | 2.421 | 4.375 | 2.125 | 2.062 | 0.791 | 1.446 | 0.531 | 0.666 | 2.813 | 0.525 |
| 1.500 | 2.187 | 2.250 | 2.680 | 4.875 | 2.187 | 2.125 | 0.744 | 1.487 | 0.593 | 0.619 | 3.074 | 0.525 |
| 1.625 | 2.312 | 2.375 | 2.812 | 5.000 | 2.187 | 2.125 | 0.744 | 1.487 | 0.593 | 0.619 | 3.204 | 0.562 |
| 1.750 | 2.406 | 2.480 | 2.918 | 5.250 | 2.187 | 2.125 | 0.744 | 1.487 | 0.593 | 0.619 | 3.313 | 0.562 |
| 1.875 | 2.549 | 2.625 | 2.918 | 5.250 | 2.187 | 2.125 | 0.744 | 1.487 | 0.593 | 0.619 | 3.313 | 0.562 |
| 2.000 | 2.687 | 2.750 | 3.015 | 5.500 | 2.375 | 2.312 | 0.775 | 1.601 | 1.063 | 0.650 | 3.438 | 0.562 |
| 2.125 | 2.798 | 2.875 | 3.360 | 5.859 | 2.375 | 2.312 | 0.775 | 1.601 | 0.593 | 0.650 | 3.782 | 0.687 |
| 2.250 | 2.937 | 3.000 | 3.485 | 6.500 | 2.375 | 2.312 | 0.775 | 1.601 | 0.593 | 0.650 | 3.879 | 0.687 |
| 2.375 | 3.062 | 3.125 | 3.610 | 6.500 | 2.528 | 2.466 | 0.722 | 1.717 | 0.625 | 0.597 | 4.032 | 0.687 |
| 2.500 | 3.301 | 3.375 | 3.891 | 6.750 | 2.625 | 2.563 | 0.542 | 1.717 | 0.625 | 0.417 | 4.313 | 0.687 |
| 2.625 | 3.551 | 3.625 | 4.062 | 6.750 | 2.562 | 2.500 | 0.713 | 1.625 | 0.625 | 0.588 | 4.483 | 0.687 |
| 2.750 | 3.551 | 3.625 | 4.062 | 6.750 | 2.562 | 2.500 | 0.713 | 1.625 | 0.625 | 0.588 | 4.483 | 0.687 |
| 2.875 | 3.687 | 3.750 | 4.186 | 7.000 | 2.562 | 2.500 | 0.713 | 1.725 | 0.625 | 0.588 | 4.625 | 0.687 |
| 3.000 | 3.937 | 4.000 | 4.469 | 7.750 | 2.625 | 2.562 | 0.651 | 1.787 | 0.685 | 0.526 | 4.908 | 0.812 |

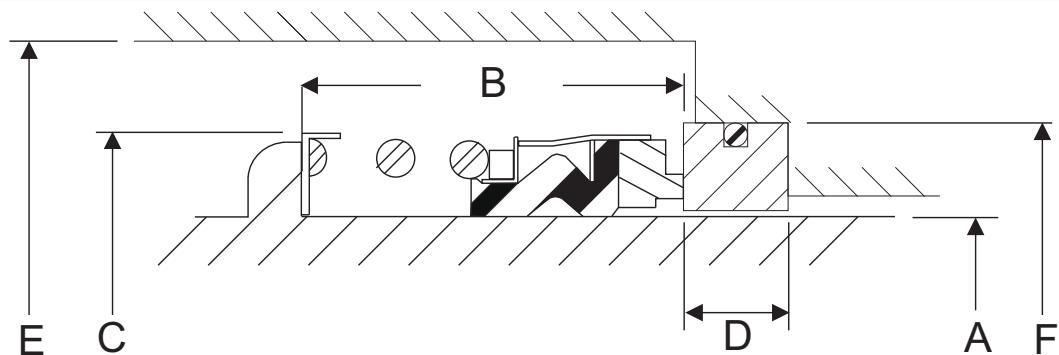
Mb100HT

Single cartridge seals for general applications
with high temperature metal bellows seal
standard dimensions



| Seal Size D1 | D3 | D4 | | D | L1 | L2 | L3 | L4 | L5 | L7 | a | S |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | Min | Max | | | | | | | | | |
| 1.000 | 1.564 | 1.625 | 1.889 | 4.000 | 2.000 | 1.954 | 0.746 | 1.353 | 0.531 | 0.621 | 2.280 | 0.525 |
| 1.125 | 1.689 | 1.750 | 2.015 | 4.125 | 2.125 | 2.062 | 0.714 | 1.446 | 0.531 | 0.589 | 2.408 | 0.525 |
| 1.250 | 1.812 | 1.875 | 2.294 | 4.250 | 2.125 | 2.062 | 0.791 | 1.446 | 0.531 | 0.666 | 2.688 | 0.525 |
| 1.375 | 1.939 | 2.000 | 2.421 | 4.375 | 2.125 | 2.062 | 0.791 | 1.446 | 0.531 | 0.666 | 2.813 | 0.525 |
| 1.500 | 2.187 | 2.250 | 2.680 | 4.875 | 2.187 | 2.125 | 0.744 | 1.487 | 0.593 | 0.619 | 3.074 | 0.525 |
| 1.625 | 2.312 | 2.375 | 2.812 | 5.000 | 2.187 | 2.125 | 0.744 | 1.487 | 0.593 | 0.619 | 3.204 | 0.562 |
| 1.750 | 2.406 | 2.480 | 2.918 | 5.250 | 2.187 | 2.125 | 0.744 | 1.487 | 0.593 | 0.619 | 3.313 | 0.562 |
| 1.875 | 2.549 | 2.625 | 2.918 | 5.250 | 2.187 | 2.125 | 0.744 | 1.487 | 0.593 | 0.619 | 3.313 | 0.562 |
| 2.000 | 2.687 | 2.750 | 3.015 | 5.500 | 2.375 | 2.312 | 0.775 | 1.601 | 1.063 | 0.650 | 3.438 | 0.562 |
| 2.125 | 2.798 | 2.875 | 3.360 | 5.859 | 2.375 | 2.312 | 0.775 | 1.601 | 0.593 | 0.650 | 3.782 | 0.687 |
| 2.250 | 2.937 | 3.000 | 3.485 | 6.500 | 2.375 | 2.312 | 0.775 | 1.601 | 0.593 | 0.650 | 3.879 | 0.687 |
| 2.375 | 3.062 | 3.125 | 3.610 | 6.500 | 2.528 | 2.466 | 0.722 | 1.717 | 0.625 | 0.597 | 4.032 | 0.687 |
| 2.500 | 3.301 | 3.375 | 3.891 | 6.750 | 2.625 | 2.563 | 0.542 | 1.717 | 0.625 | 0.417 | 4.313 | 0.687 |
| 2.625 | 3.551 | 3.625 | 4.062 | 6.750 | 2.562 | 2.500 | 0.713 | 1.625 | 0.625 | 0.588 | 4.483 | 0.687 |
| 2.750 | 3.551 | 3.625 | 4.062 | 6.750 | 2.562 | 2.500 | 0.713 | 1.625 | 0.625 | 0.588 | 4.483 | 0.687 |
| 2.875 | 3.687 | 3.750 | 4.186 | 7.000 | 2.562 | 2.500 | 0.713 | 1.725 | 0.625 | 0.588 | 4.625 | 0.687 |
| 3.000 | 3.937 | 4.000 | 4.469 | 7.750 | 2.625 | 2.562 | 0.651 | 1.787 | 0.685 | 0.526 | 4.908 | 0.812 |

Type Qb11 seals



A: Shaft size

B: Working length

C: Seal outside diameter

D: Seat thickness

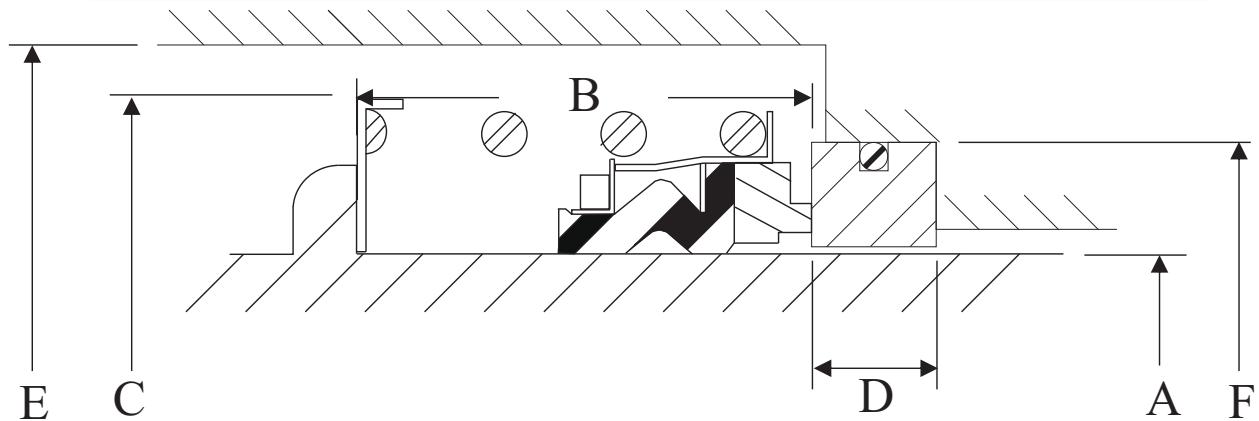
E: Stuffing box diameter

F: Seat bore



| A | B | C | D | E | F |
|--------|-------|-------|-------|-------|-------|
| 3/4" | 1.312 | 1.218 | 0.406 | 1.468 | 1.375 |
| 7/8" | 1.375 | 1.406 | 0.406 | 1.656 | 1.500 |
| 1" | 1.563 | 1.500 | 0.437 | 1.750 | 1.625 |
| 1-1/8" | 1.625 | 1.625 | 0.437 | 1.875 | 1.750 |
| 1-1/4" | 1.625 | 1.812 | 0.437 | 2.000 | 1.875 |
| 1-3/8" | 1.687 | 1.875 | 0.437 | 2.125 | 2.000 |
| 1-1/2" | 1.687 | 2.000 | 0.437 | 2.250 | 2.125 |
| 1-5/8" | 2.000 | 2.250 | 0.500 | 2.500 | 2.375 |
| 1-3/4" | 2.000 | 2.375 | 0.500 | 2.625 | 2.500 |
| 1-7/8" | 2.125 | 2.500 | 0.500 | 2.750 | 2.625 |
| 2" | 2.125 | 2.625 | 0.500 | 2.937 | 2.750 |
| 2-1/8" | 2.375 | 2.812 | 0.562 | 3.125 | 3.000 |
| 2-1/4" | 2.375 | 2.937 | 0.562 | 3.250 | 3.125 |
| 2-3/8" | 2.500 | 3.062 | 0.562 | 3.375 | 3.250 |
| 2-1/2" | 2.500 | 3.187 | 0.625 | 3.500 | 3.375 |
| 2-5/8" | 2.750 | 3.375 | 0.625 | 3.750 | 3.375 |
| 2-3/4" | 2.750 | 3.500 | 0.625 | 3.875 | 3.500 |
| 2-7/8" | 2.875 | 3.625 | 0.625 | 3.875 | 3.750 |
| 3" | 2.875 | 3.750 | 0.625 | 4.187 | 3.875 |

Type Qb12 seals

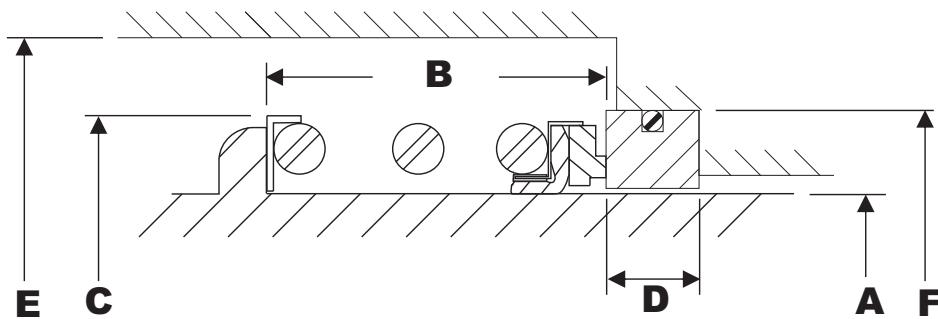


- A: Shaft size
- B: Working length
- C: Seal outside diameter
- D: Seat thickness
- E: Stuffing box diameter
- F: Seat bore

| A | B | C | D | E | F |
|--------|-------|-------|-------|-------|-------|
| 3/4" | 0.812 | 1.531 | 0.406 | 1.718 | 1.375 |
| 7/8" | 0.938 | 1.718 | 0.406 | 1.843 | 1.500 |
| 1" | 1.000 | 1.812 | 0.437 | 2.000 | 1.625 |
| 1-1/8" | 1.062 | 1.937 | 0.437 | 2.125 | 1.750 |
| 1-1/4" | 1.062 | 2.062 | 0.437 | 2.250 | 1.875 |
| 1-3/8" | 1.125 | 2.250 | 0.437 | 2.437 | 2.000 |
| 1-1/2" | 1.125 | 2.375 | 0.437 | 2.562 | 2.125 |
| 1-5/8" | 1.375 | 2.718 | 0.500 | 2.937 | 2.375 |
| 1-3/4" | 1.375 | 2.750 | 0.500 | 3.062 | 2.500 |
| 1-7/8" | 1.500 | 2.875 | 0.500 | 3.187 | 2.625 |
| 2" | 1.500 | 3.000 | 0.500 | 3.312 | 2.750 |
| 2-1/8" | 1.687 | 3.250 | 0.562 | 3.625 | 3.000 |
| 2-1/4" | 1.687 | 3.375 | 0.562 | 3.750 | 3.125 |
| 2-3/8" | 1.812 | 3.500 | 0.562 | 3.875 | 3.250 |
| 2-1/2" | 1.812 | 3.625 | 0.625 | 4.000 | 3.375 |
| 2-5/8" | 1.937 | 3.875 | 0.625 | 4.312 | 3.375 |
| 2-3/4" | 1.937 | 4.000 | 0.625 | 4.437 | 3.500 |
| 2-7/8" | 2.062 | 4.125 | 0.625 | 4.562 | 3.750 |
| 3" | 2.062 | 4.250 | 0.625 | 4.687 | 3.875 |



Type Qb321 seals



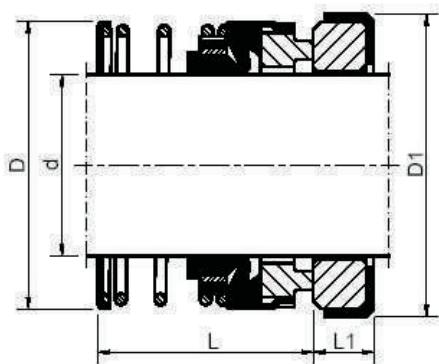
- A: Shaft size
- B: Working length
- C: Seal outside diameter
- D: Seat thickness
- E: Stuffing box diameter
- F: Seat bore

| A | B | C | D | E | F |
|--------|-------|-------|-------|-------|-------|
| 3/8" | 0.812 | 0.812 | 0.312 | 0.937 | 0.875 |
| 1/2" | 0.812 | 0.992 | 0.312 | 1.187 | 1.000 |
| 5/8" | 0.875 | 1.062 | 0.406 | 1.187 | 1.250 |
| 3/4" | 0.875 | 1.187 | 0.406 | 1.312 | 1.375 |
| 7/8" | 0.937 | 1.312 | 0.406 | 1.437 | 1.500 |
| 1" | 1.000 | 1.687 | 0.437 | 1.937 | 1.625 |
| 1-1/8" | 1.062 | 1.812 | 0.437 | 2.062 | 1.750 |
| 1-1/4" | 1.062 | 1.937 | 0.437 | 2.187 | 1.875 |
| 1-3/8" | 1.125 | 2.062 | 0.437 | 2.312 | 2.000 |
| 1-1/2" | 1.125 | 2.187 | 0.437 | 2.437 | 2.125 |
| 1-5/8" | 1.375 | 2.500 | 0.500 | 2.750 | 2.375 |
| 1-3/4" | 1.375 | 2.625 | 0.500 | 2.875 | 2.500 |
| 1-7/8" | 1.500 | 2.750 | 0.500 | 3.000 | 2.625 |
| 2" | 1.500 | 2.875 | 0.500 | 3.187 | 2.750 |
| 2-1/8" | 1.687 | 3.000 | 0.562 | 3.312 | 3.000 |
| 2-1/4" | 1.687 | 3.125 | 0.562 | 3.437 | 3.125 |
| 2-3/8" | 1.812 | 3.250 | 0.562 | 3.562 | 3.250 |
| 2-1/2" | 1.812 | 3.843 | 0.625 | 3.687 | 3.375 |
| 2-5/8" | 1.937 | 3.500 | 0.625 | 4.000 | 3.375 |
| 2-3/4" | 1.937 | 3.750 | 0.625 | 4.125 | 3.500 |
| 2-7/8" | 2.062 | 3.875 | 0.625 | 4.375 | 3.750 |
| 3" | 2.062 | 4.000 | 0.625 | 4.500 | 3.875 |

* 1-1/4" Armstrong pumps mechanical seals have a seat bore of 1-3/4" and most of the time a conical spring

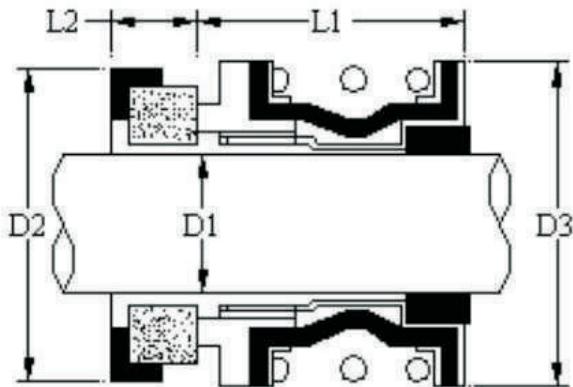


Type Qb321M seals



| d | D | D1 | L | L1 |
|----|-------|-------|------|------|
| 12 | 21.7 | 23.0 | 23.9 | 8.6 |
| 14 | 23.9 | 25.0 | 26.4 | 8.6 |
| 16 | 26.7 | 27.0 | 26.4 | 8.6 |
| 18 | 30.4 | 33.0 | 27.5 | 10.0 |
| 20 | 33.4 | 35.0 | 27.5 | 10.0 |
| 22 | 33.4 | 37.0 | 27.5 | 10.0 |
| 24 | 38.0 | 39.0 | 30.0 | 10.0 |
| 25 | 39.3 | 40.0 | 30.0 | 10.0 |
| 28 | 42.0 | 43.0 | 32.5 | 10.0 |
| 30 | 44.0 | 45.0 | 32.5 | 10.0 |
| 32 | 45.8 | 48.0 | 32.5 | 10.0 |
| 33 | 45.8 | 48.0 | 32.5 | 10.0 |
| 35 | 49.0 | 50.0 | 34.0 | 11.0 |
| 38 | 52.8 | 56.0 | 34.0 | 11.0 |
| 40 | 55.8 | 58.0 | 34.0 | 11.0 |
| 43 | 58.8 | 61.0 | 34.0 | 11.0 |
| 45 | 61.0 | 63.0 | 34.0 | 11.0 |
| 48 | 64.0 | 66.0 | 34.0 | 11.0 |
| 50 | 66.0 | 70.0 | 34.5 | 13.0 |
| 55 | 71.7 | 75.0 | 34.5 | 13.0 |
| 58 | 78.4 | 78.0 | 39.5 | 13.0 |
| 60 | 78.4 | 80.0 | 39.5 | 13.0 |
| 63 | 81.5 | 83.0 | 39.5 | 13.0 |
| 65 | 84.3 | 85.0 | 39.5 | 13.0 |
| 68 | 89.7 | 90.0 | 37.2 | 15.3 |
| 70 | 89.7 | 92.0 | 37.2 | 15.3 |
| 75 | 96.8 | 97.0 | 44.7 | 15.3 |
| 80 | 104.0 | 110.0 | 44.3 | 15.7 |
| 85 | 109.0 | 105.0 | 44.3 | 15.7 |

Type Qb16 seals



| D1 | L1 | D3 | L2 | D2 | Part number |
|-------|-------|-------|-------|-------|-------------|
| 5/8" | 0.720 | 1.219 | 0.344 | 1.187 | QB1000 |
| 3/4" | 0.810 | 1.344 | 0.406 | 1.437 | QB1010 |
| 5/8" | 0.720 | 1.219 | 0.406 | 1.250 | Qb2000 |
| 3/4" | 0.720 | 1.344 | 0.406 | 1.375 | QB2010 |
| 1" | 0.810 | 1.688 | 0.437 | 1.625 | QB3600 |
| 5/8" | 0.720 | 1.219 | 0.344 | 1.320 | QB4705 |
| 1/2' | 0.655 | 1.062 | 0.312 | 1.000 | QB1620 |
| 5/8"" | 0.720 | 1.219 | 0.296 | 1.187 | QB7000 |

Ceramic cup seats are standard

Other types and dimensions of seats are available. Contact us for details



D1: Shaft dimension

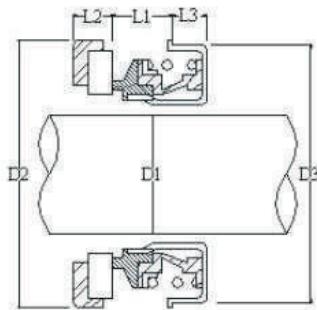
L1: Working length

D3: Seal outside diameter

L2: Seat thickness

D2: Seat bore

Type QB16A seals



| D1 | L1 | D3 | L2 | D2 | Part number |
|-------|-------|-------|-------|-------|-------------|
| 3/8" | 0.062 | 1.125 | 0.312 | 0.875 | QB6A375 |
| 1/2' | 0.203 | 1.129 | 0.312 | 1.000 | QB6A500 |
| 5/8"" | 0.265 | 1.438 | 0.406 | 1.250 | QB6A625 |
| 3/4" | 0.235 | 1.580 | 0.406 | 1.375 | QB6A750 |
| 1" | 0.393 | 1.968 | 0.432 | 1.625 | QB6A1000 |

| D1 | L1 | D3 | L2 | D2 | Part Number |
|------|-----|------|-----|------|-------------|
| 30MM | 8MM | 52MM | 8MM | 48MM | QB6A30MM |

Ceramic cup seats are standard

Other types and dimensions of seats are available. Contact us for details



D1: Shaft dimension

L1: Working length

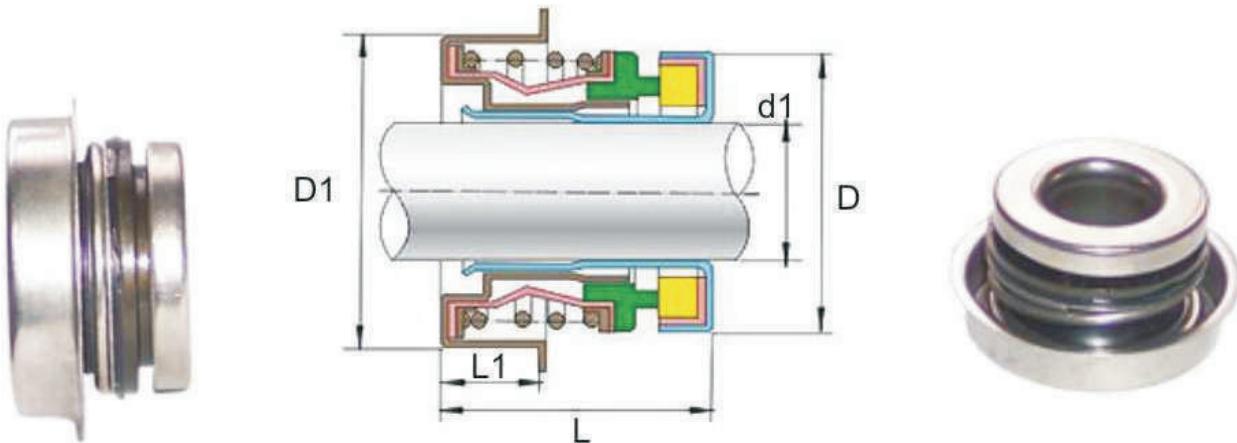
D3: Seal bore

L2: Seat thickness

D2: Seat outside diameter

Confirm the dimension D3 and seat type when you order this seal

Type QB16HSC seals



Metric seals

| d1 | D | D1 | L | L1 | Part number |
|----|------|-------|-------|-----|-------------|
| 10 | 23.5 | 30 | 13.77 | 8.5 | HSC-10 |
| 12 | 25 | 30 | 17.7 | 8 | HSC-12 |
| 12 | 25 | 33.3 | 17.7 | 6 | HSC-12A |
| 12 | 25 | 28.55 | 17.7 | 8 | HSC-12B |
| 12 | 28.5 | 30 | 14.7 | 7 | HSC-12C |
| 13 | 25 | 30 | 18.2 | 8.5 | HSC-13 |
| 15 | 32.5 | 36.45 | 19.4 | 8.2 | HSC-15 |
| 16 | 32.5 | 36.45 | 19.4 | 8.2 | HSC-16 |
| 16 | 32.5 | 38.1 | 19.7 | 8.2 | HSC-16A |
| 17 | 29.5 | 35 | 22.5 | 9 | HSC-17 |
| 20 | 37 | 38/40 | 22 | 9.5 | HSC-20A |
| 20 | 37 | 52 | 28.5 | 9.5 | HSC-20B |

Inches seals

| d1 | D | D1 | L | L1 | Part number |
|------|-------|-------|-------|-------|-------------|
| 1/2 | 1.122 | 1.181 | 0.578 | 0.275 | HSC-500 |
| 5/8 | 1.181 | 1.346 | 0.702 | 0.220 | HSC-625 |
| 5/8A | 1.181 | 1.435 | 0.756 | 0.315 | HSC-625A |
| 5/8B | 1.181 | 1.500 | 0.756 | 0.315 | HSC-625B |

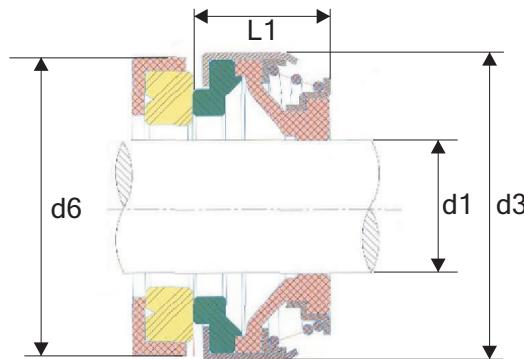
Pressure: <0.6MPa

Speed: <15M/s

Temperature: -30C ~ + 200C Depending of the secondary sealants.

Available material Viton / EPR / Buna - Faces Carbon / Ceramic

Type Qb518 seals



| Shaft d1 | Seal O D d3 | Seat Bore d6 | Working Length L1 |
|-------------|-------------------|--------------------|-------------------------|
| 6 | 18 | 18 | 10 |
| 8S | 18 | 22 | 11 |
| 8M | 20 | 22/26 | 10 |
| 8L | 24 | 26 | 9.5 |
| 10 | 24 | 26 | 13 |
| 11 | 24 | 26 | 13 |
| 12 | 24 | 25/28 | 13 |
| 13 | 24 | 26 | 11.5 |
| 13L | 28 | 28 | 13 |
| 13H | 32 | 29.5 | 21.5 |
| 14 | 28 | 28/28.5 | 13 |
| 14L | 32 | 29.5 | 13 |
| 15S | 28 | 28.5/30 | 13 |
| 15M | 32 | 29.5/30 | 13 |
| 15L | 39 | 38 | 13 |
| 16S | 28 | 29.5/30 | 13 |
| 16M | 32 | 29.5 | 13 |
| 16L | 39 | 38 | 13 |
| 16H | 32 | 30 | 21 |
| 17 | 39 | 42 | 13 |
| 18 | 39 | 42 | 13 |

| Shaft d1 | Seal O D d3 | Seat Bore d6 | Working Length L1 |
|-------------|-------------------|--------------------|-------------------------|
| 19 | 39 | 42 | 13 |
| 20 | 39 | 42 | 13 |
| 20L | 42 | 45 | 13 |
| 22S | 36 | 45 | 16.5 |
| 22L | 42 | 45 | 13 |
| 23 | 47 | 50 | 13.5 |
| 24 | 47 | 50 | 13.5 |
| 25 | 42 | 50 | 13.5 |
| 25L | 47 | 50 | 13.5 |
| 26 | 47 | 50 | 13.5 |
| 27 | 47 | 50 | 13.5 |
| 28 | 54 | 57 | 15 |
| 30 | 54 | 57 | 15 |
| 32 | 54 | 57 | 15 |
| 35 | 60 | 63 | 16 |
| 38 | 65 | 68 | 18 |
| 40 | 65 | 68 | 18 |
| 45 | 70 | 73 | 20 |
| 50 | 85 | 88 | 23 |
| 55 | 85 | 88 | 23 |
| 60 | 105 | 110 | 30 |

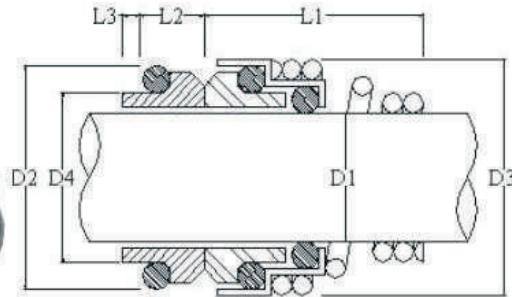
Ceramic cup seats are standard

Other types and dimensions of seats are available. Contact us for details

Verify that the inside diameter of the stationary is similar to the carbon face dimension (see column d6)

Always confirm the seat bore dimension, type of seat, and seat thickness

Type Qb525 seals

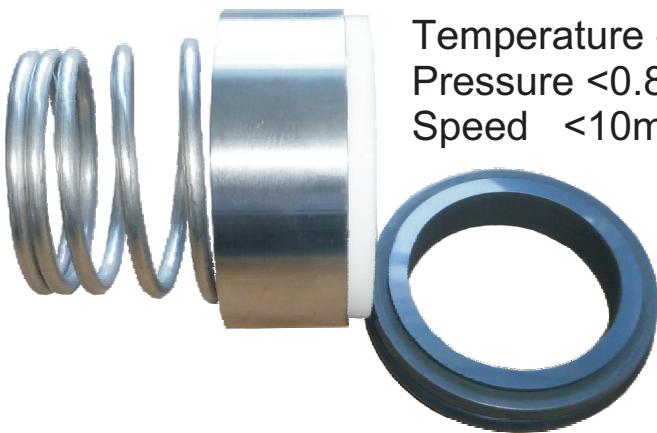


| D1 | D2 | D3 | L1 | L2 | Part number |
|----|------|------|----|------|-------------|
| 10 | 18.1 | 19.5 | 15 | 7.1 | QB525-10 |
| 12 | 20.6 | 22 | 18 | 7.1 | QB525-12 |
| 13 | 23.1 | 25 | 22 | 7.1 | QB525-13 |
| 14 | 23.1 | 25 | 22 | 7.1 | QB525-14 |
| 15 | 26.9 | 29 | 22 | 8.1 | QB525-15 |
| 16 | 26.9 | 29 | 23 | 8.1 | QB525-16 |
| 17 | 26.9 | 29 | 23 | 8.1 | QB525-17 |
| 18 | 30.9 | 33 | 24 | 9.1 | QB525-18 |
| 19 | 30.9 | 33 | 25 | 9.1 | QB525-19 |
| 20 | 30.9 | 33 | 25 | 9.1 | QB525-20 |
| 22 | 35.4 | 37.5 | 25 | 9.1 | QB525-22 |
| 24 | 35.4 | 37.5 | 27 | 9.1 | QB525-24 |
| 25 | 38.2 | 40 | 27 | 10.1 | QB525-25 |
| 28 | 43.3 | 45.5 | 29 | 10.1 | QB525-28 |
| 30 | 43.3 | 45.5 | 30 | 10.1 | QB525-30 |
| 32 | 43.3 | 45.5 | 30 | 10.1 | QB525-32 |
| 33 | 53.5 | 48 | 39 | 13.1 | QB525-33 |
| 35 | 53.5 | 50 | 39 | 13.1 | QB525-35 |
| 38 | 60.5 | 56 | 39 | 13.1 | QB525-38 |
| 40 | 60.5 | 58 | 39 | 13.1 | QB525-40 |

The seats are standard in carbon material and rotary faces are ceramic. Other sizes and material are available

Confirm the seat bore, seat thickness and seat type

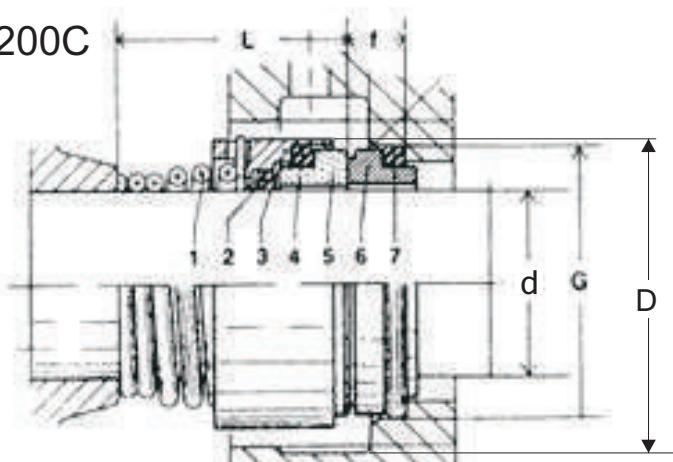
Type Qb555 seals



Temperature -20C to 200C

Pressure <0.8Mpa

Speed <10m/Sec



DIA. D G L

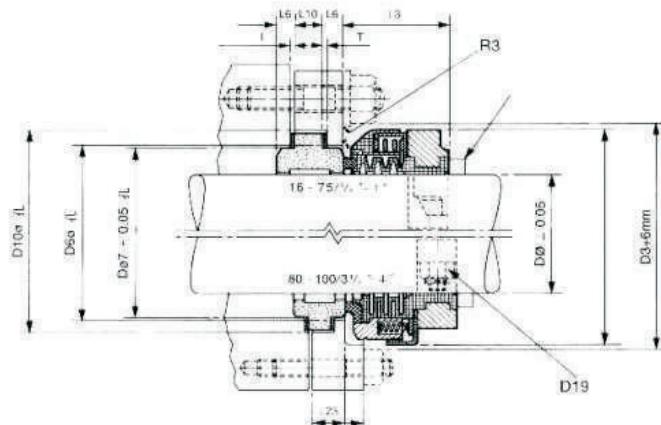
| | | | | |
|----|------|------|------|--|
| 10 | 19 | 18.1 | 20.2 | |
| 11 | 22 | 20.6 | 22.2 | |
| 12 | 22 | 20.6 | 22.2 | |
| 13 | 24 | 23.1 | 27.2 | |
| 14 | 24 | 23.1 | 27.2 | |
| 15 | 28.5 | 26.9 | 27.2 | |
| 16 | 28.5 | 26.9 | 28.2 | |
| 17 | 28.5 | 26.9 | 28.2 | |
| 18 | 32.5 | 30.9 | 30.2 | |
| 19 | 32.5 | 30.9 | 30.2 | |
| 20 | 32.5 | 30.9 | 30.2 | |
| 21 | 37 | 35.4 | 30.2 | |
| 22 | 37 | 35.4 | 30.2 | |
| 23 | 37 | 35.4 | 32.2 | |
| 24 | 37 | 35.4 | 32.2 | |
| 25 | 40.5 | 38.2 | 33.2 | |
| 26 | 40.5 | 38.2 | 33.2 | |
| 27 | 40.5 | 38.2 | 33.2 | |
| 28 | 46.5 | 43.3 | 36.2 | |
| 29 | 46.5 | 43.3 | 37.2 | |
| 30 | 46.5 | 43.3 | 37.2 | |
| 31 | 46.5 | 43.3 | 37.2 | |
| 32 | 46.5 | 43.3 | 37.2 | |
| 33 | 56.5 | 53.5 | 48.2 | |

DIA. D G L

| | | | | |
|-----|------|-------|------|--|
| 34 | 56.5 | 53.5 | 48.2 | |
| 35 | 56.5 | 53.5 | 48.2 | |
| 37 | 56.5 | 53.5 | 48.2 | |
| 38 | 63 | 60.5 | 48.2 | |
| 39 | 63 | 60.5 | 48.2 | |
| 40 | 63.5 | 60.5 | 48.2 | |
| 42 | 63.5 | 60.5 | 48.2 | |
| 43 | 63.5 | 60.5 | 48.2 | |
| 44 | 68.5 | 65.5 | 51.2 | |
| 45 | 68.5 | 65.5 | 51.2 | |
| 48 | 68.5 | 65.5 | 51.2 | |
| 49 | 68.5 | 65.5 | 51.2 | |
| 50 | 75 | 72.5 | 55.2 | |
| 55 | 75 | 72.5 | 57.2 | |
| 60 | 83 | 79.3 | 61.2 | |
| 65 | 88 | 84.5 | 63.2 | |
| 70 | 93 | 89.5 | 63.2 | |
| 75 | 98 | 94.5 | 68.2 | |
| 80 | 103 | 99.5 | 70.2 | |
| 85 | 117 | 105.5 | 72.2 | |
| 90 | 122 | 111.5 | 75.2 | |
| 95 | 129 | 116.5 | 75.2 | |
| 100 | 135 | 119.5 | 85.2 | |

The seats are standard in carbon material and rotary faces are ceramic. Other sizes and material are available
Confirm the seat bore, seat thickness and seat type

Type QB10T seals



CORROSIVE APPLICATIONS

Primary face

Silicon carbide

Secondary face

Silicon carbide

Bellow

Teflon glassfill

Material Stainless steel
or Titanium

| D0 | D10 | L3 |
|--------|--------|--------|
| 3/4" | 1.890" | 1.220" |
| 7/8" | 2.000" | 1.220" |
| 1" | 2.125" | 1.300" |
| 1-1/8" | 2.560" | 1.417" |
| 1-1/4" | 2.677" | 1.457" |
| 1-3/8" | 2.795" | 1.496" |
| 1-1/2" | 3.070" | 1.496" |
| 1-5/8" | 3.189" | 1.575" |
| 1-3/4" | 3.307" | 1.575" |
| 1-7/8" | 3.425" | 1.693" |
| 2" | 3.819" | 1.693" |

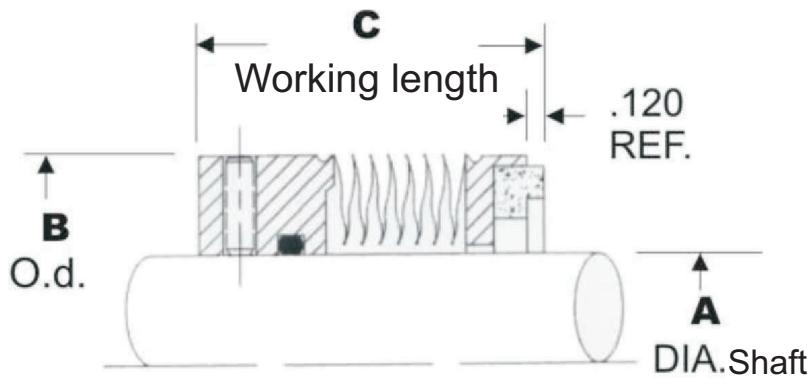


Available sizes
16mm to 100mm

| D0 | D10 | L3 |
|--------|--------|--------|
| 2-1/8" | 3.937" | 2.086" |
| 2-1/4" | 4.055" | 2.086" |
| 2-3/8" | 4.173" | 2.086" |
| 2-1/2" | 4.330" | 2.086" |
| 2-5/8" | 4.449" | 2.086" |
| 2-3/4" | 4.567" | 2.086" |
| 2-7/8" | 4.606" | 2.086" |
| 3" | 4.763" | 2.086" |
| 3-1/4" | 5.197" | 2.875" |
| 3-1/2" | 5.433" | 2.875" |
| 3-3/4" | 5.669" | 2.875" |
| 4" | 5.944" | 2.875" |

Confirm the seat bore, seat thickness and seat type

Type Qb40 seals



| A | B | C | Part number |
|--------|-------|-------|-------------|
| 3/4" | 1.457 | 1.250 | QB40-0750 |
| 7/8" | 1.457 | 1.250 | Qb40-0875 |
| 1" | 1.457 | 1.250 | QB40-1000 |
| 1-1/8" | 1.687 | 1.250 | QB40-1125 |
| 1-1/4" | 1.812 | 1.312 | QB40-1250 |
| 1-3/8" | 1.937 | 1.437 | QB40-1375 |
| 1-1/2" | 2.062 | 1.437 | QB40-1500 |
| 1-5/8" | 2.187 | 1.437 | QB40-1625 |
| 1-3/4" | 2.312 | 1.437 | QB40-1750 |
| 1-7/8" | 2.437 | 1.500 | QB40-1875 |
| 2" | 2.562 | 1.500 | QB40-2000 |
| 2-1/8" | 2.687 | 1.500 | QB40-2125 |
| 2-1/4" | 2.812 | 1.562 | QB40-2250 |
| 2-3/8" | 2.937 | 1.562 | QB40-2375 |
| 2-1/2" | 3.187 | 1.562 | QB40-2500 |
| 2-5/8" | 3.312 | 1.625 | QB40-2625 |
| 2-3/4" | 3.625 | 1.625 | QB40-2750 |
| 2-7/8" | 3.750 | 1.687 | QB40-2875 |

| A | B | C | Part number |
|--------|-------|-------|-------------|
| 3" | 3.875 | 1.687 | QB40-3000 |
| 3.125" | 4.000 | 1.750 | QB40-3125 |
| 3.250" | 4.125 | 1.750 | QB40-3250 |
| 3.375" | 4.250 | 1.875 | QB40-3375 |
| 3.500" | 4.375 | 1.875 | QB40-3500 |
| 3.625" | 4.500 | 1.875 | QB40-3625 |
| 3.750" | 4.625 | 1.875 | QB40-3750 |
| 3.875" | 4.750 | 1.875 | QB40-3875 |
| 4.000" | 5.125 | 1.875 | QB40-4000 |
| 4.125" | 5.125 | 1.875 | QB40-4125 |
| 4.250" | 5.375 | 1.875 | QB40-4250 |
| 4.375" | 5.375 | 1.875 | QB40-4375 |
| 4.500" | 5.625 | 1.875 | QB40-4500 |
| 4.625" | 5.625 | 1.875 | QB40-4625 |
| 4.750" | 5.625 | 1.875 | QB40-4750 |

Available faces: Carbon - Silicon Carbide - Tungsten Carbide

Metal bellows seals
Am350 or Hastelloy-C or Alloy-20 material available