



BW Seals

GSD

Dry running back up seal for reliable containment seal performance in hydrocarbon services.

Features/Benefits

- No barrier fluid required simplifies operation in dual unpressurized applications.
- Standard QB series seal metal components maximizes interchangeability to reduce inventory cost.
- High pressure performance in liquid operation allows for convenient shut down of equipment and secondary containment safety required by some users in light hydrocarbon service.
- Reduces heat generation through optimized design extends seal life.
- Low emission design combines the seal division's low emission primary seal in a package that helps to meet today's
 most stringent emission requirements.
- Remote installation monitoring reduces product spillage and signals operator of primary seal failure.

Available as a cartridge - for simple and accurate seal installation.

Materials of Construction

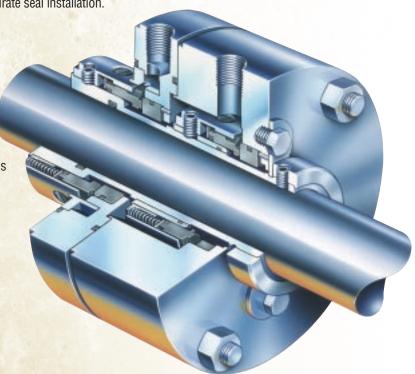
Metal Components: 316 Stainless Steel

with Alloy C-276 Springs

Rotating Face: Carbon

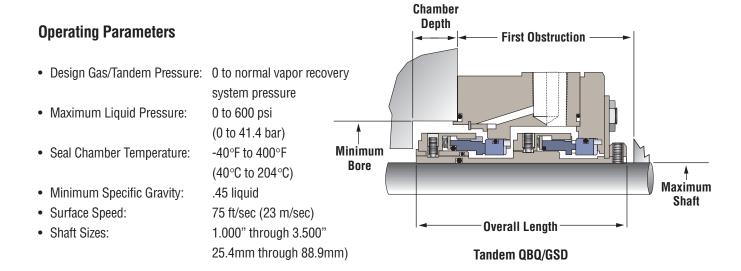
Stationary Face: Silicon CarbideGaskets: Fluoroelastomer

Perfluoroelastomer





BW Seals Durametallic Seals Pacific Wietz Seals Pac-Seal



Dimensional Data

		Inches						Metric (mm))	
Max.	Min.	Chamber	First	Overall	Seal	Max.	Min.	Chamber	First	Overall
Shaft	Bore	Depth	Obstr.	Length	Size	Shaft	Bore	Depth	Obstr.	Length
1.000 1.125 1.250 1.375 1.500 1.625 1.750 1.875 2.000 2.125 2.250 2.375 2.500 2.625 2.750 2.875 3.000 3.125 3.250	2.463 2.776 2.901 3.026 3.151 3.276 3.401 3.526 3.651 3.953 4.078 4.203 4.328 4.453 4.578 4.703 4.818 4.953 5.078	1.188 1.500 1.500 1.563 1.563 1.625 1.625 1.750 2.063 2.063 2.063 2.063 2.063 2.063 2.188 2.188 2.188	4.000 4.188 4.188 4.281 4.469 4.469 4.594 4.594 4.906 4.906 5.063 5.063 5.188 5.188 5.188	4.938 5.438 5.438 5.594 5.781 5.844 5.844 6.094 6.719 6.719 6.719 6.875 6.875 7.125 7.125 7.125	1500 1625 1750 1875 2000 2125 2250 2375 2500 2625 2750 2875 3000 3125 3250 3375 3500 3625 3750	25.40 28.58 31.75 34.93 38.10 41.28 44.45 47.63 50.80 53.98 57.15 60.33 63.50 66.68 69.85 73.03 76.20 79.38 82.55	62.56 70.50 73.67 76.85 80.02 83.20 86.37 89.55 92.72 100.39 103.57 106.74 109.92 113.09 116.27 119.44 122.36 125.79 128.97	30.16 38.10 38.10 39.69 39.69 41.28 41.28 44.45 52.39 52.39 52.39 52.39 52.39 52.39 55.56 55.56 55.56	101.60 106.36 106.36 108.74 113.51 113.51 113.51 116.68 116.68 124.62 124.62 124.62 128.59 128.59 128.59 131.76 131.76	125.41 138.11 138.11 142.74 146.84 148.43 154.78 170.66 170.66 170.66 174.63 174.63 174.63 180.98 180.98 180.98
3.375 3.500	5.193 5.318	2.188 2.188	5.188 5.188	7.125 7.125	3875 4000	85.73 88.90	131.89 135.06	55.56 55.56	131.76 131.76	180.98 180.98

Note: For sizes and conditions not listed, contact your local Flowserve Representative

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