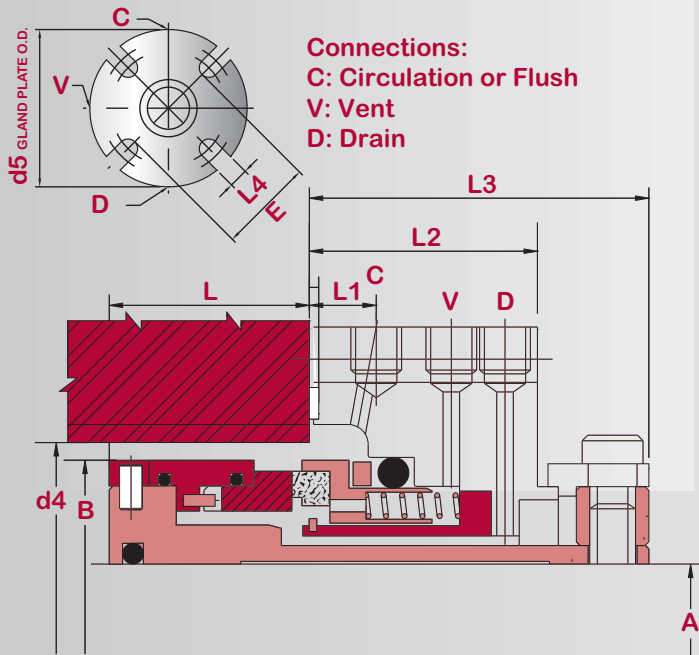


HDS

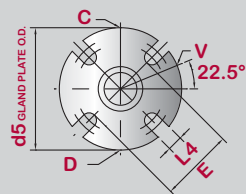
Heavy Duty Single Cartridge



Connections:
C: Circulation or Flush
V: Vent
D: Drain

		d4		d5	E	L	L1	L2	L3	L4
A	B	MIN	MAX							
0.500	1.811	1.929	2.244	4.133	2.637	1.338	0.590	1.519	2.047	0.452
0.750	2.062	2.181	2.372	4.330	2.755	1.338	0.590	1.519	2.047	0.452
0.875	2.185	2.303	2.498	4.527	2.875	1.338	0.590	1.519	2.047	0.452
1.000	2.311	2.429	2.625	4.645	2.992	1.338	0.590	1.519	2.047	0.452
1.125	2.437	2.555	2.750	4.901	3.107	1.338	0.590	1.519	2.047	0.452
1.250	2.562	2.692	2.818	5.039	3.228	1.338	0.590	1.519	2.047	0.452
1.375	2.688	2.807	3.000	5.250	3.548	1.338	0.590	1.519	2.047	0.452
1.500	2.811	2.929	3.055	5.433	3.622	1.338	0.590	1.519	2.047	0.531
1.625	2.937	3.055	3.181	5.629	3.779	1.338	0.590	1.519	2.047	0.531
1.750	3.062	3.181	3.750	6.500	4.368	1.397	0.590	1.519	2.047	0.531
1.875	3.188	3.307	3.875	6.500	4.153	1.397	0.590	1.519	2.047	0.531
2.000	3.311	3.429	3.779	6.692	4.251	1.397	0.590	1.519	2.047	0.531
2.125	3.437	3.555	4.000	7.250	4.622	1.456	0.590	1.519	2.149	0.688
2.250	3.562	3.681	4.212	7.519	4.763	1.456	0.590	1.519	2.149	0.688
2.375	3.688	3.807	4.448	7.716	4.921	1.456	0.590	1.519	2.149	0.688
2.500	3.818	3.944	5.000	8.250	5.496	1.456	0.590	1.519	2.149	0.688
2.625	4.153	4.279	4.750	8.000	5.121	1.456	0.590	1.519	2.149	0.688
3.000	4.685	4.811	5.125	8.250	5.621	1.456	0.590	1.519	2.149	0.688

For 1 3/8" only



Features and Benefits:

- Fits standard big bore pumps
- Heavy duty construction
- Can replace double seals in many applications
- Flush, Quench and Drain standard
- Guided Quench
- Large radial clearances to allow for shaft deflection and/or eccentric installations
- Floating carbon bushing
- Excellent in crystallizing liquid
- Large cross section dynamic "O" ring
- Shrunk in stationary face
- Non-clogging design

Standard Materials of Construction:

Faces:

- Carbon / Silicon Carbide
- Silicon Carbide / Silicon Carbide
- Tungsten Carbide / Tungsten Carbide

Elastomers:

- Viton*, Buna, PTFE, Neoprene, EPR, Kalrez*, FEP, AFLAS*

Metallurgy:

- 316 SS, Alloy 20, Hast B + C*

Operating Limits:

- Temperature: From -40° to 535° Fahrenheit*
- 40° to 280° Celsius*
- Pressure: Up to 365 PSI / 25 Bar

Apex
sealing,inc.

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