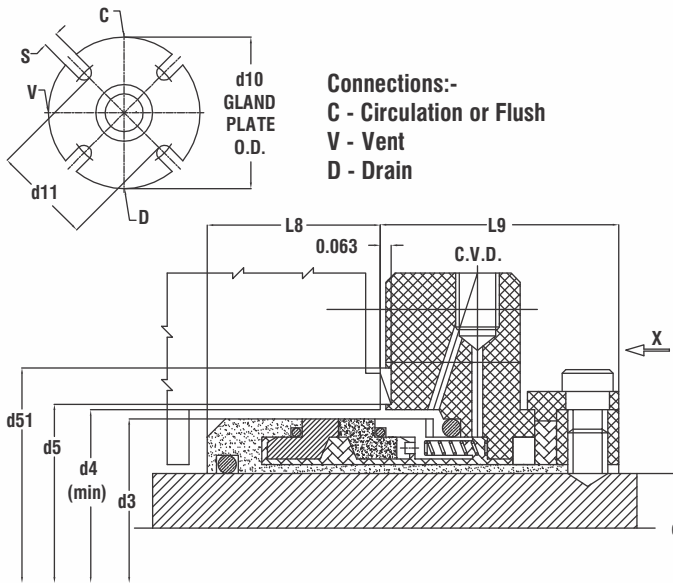


# RSS1CVD

## SINGLE CARTRIDGE W/ CVD GLAND



### FEATURES & BENEFITS:

- ▶ Incorporates circulation, Vent & Drain gland for quenching & Safety
- ▶ Throttle bushing standard
- ▶ One of the industry's most aggressively priced stationary cartridges
- ▶ Easy cartridge installation
- ▶ Stationary multiple spring design with circulation vent & drain connections
- ▶ Springs isolated from product
- ▶ Rugged face design
- ▶ Identical seal face shapes make repairs easy & economical
- ▶ Hydraulically balanced design
- ▶ Handles pressure reversals & vacuum
- ▶ Big Bore gland alternatives
- ▶ Interchangeable parts with D2 dual cartridges
- ▶ User friendly setting clips
- ▶ Confined gland gaskets

### OPERATING LIMITS:

- ▶ Pressure: Upto 250 PSI / 17 Bar
- ▶ Temperature: -40°C to 235°C\*

### STANDARD MATERIALS OF CONSTRUCTION:

- ▶ **Faces:**
  - ▶ Carbon / Silicon Carbide. Silicon Carbide / Silicon Carbide (Note: Tungsten Carbide & Antimony Carbon also available)
- ▶ **Elastomers:**
  - ▶ Viton\*, Buna, PTFE, Neoprene, EPR, Kalrez\*, AFLAS\*, Chemraz\*
- ▶ **Metallurgy:**
  - ▶ 304, 316, Monel, Alloy 20, Hast B+C\*
  - ▶ Bronze Throttle Bushing

d	d3	d4	d5	d51	d10	d11	L8	L9	S
1.000	1.595	1.625	1.771	2.106	4.000	2.224	0.952	1.460	0.551
1.125	1.708	1.750	1.909	2.830	4.125	2.421	0.952	1.460	0.551
1.250	1.865	2.000	2.037	2.362	4.250	2.500	0.952	1.460	0.551
1.375	1.950	2.000	2.145	2.593	4.250	2.696	0.952	1.460	0.551
1.500	2.172	2.250	2.368	2.736	5.000	2.815	0.952	1.460	0.551
1.625	2.283	2.375	2.460	2.854	4.500	2.972	0.952	1.460	0.551
1.750	2.401	2.500	2.578	2.992	5.000	3.062	0.952	1.460	0.551
1.875	2.537	2.625	2.755	3.110	5.250	3.188	0.952	1.460	0.551
2.000	2.670	2.750	2.834	3.267	5.500	3.307	0.952	1.460	0.551
2.125	2.795	2.875	2.952	3.386	5.750	3.503	0.952	1.460	0.709
2.250	2.913	3.000	3.110	3.504	6.500	3.622	0.952	1.460	0.709
2.375	3.037	3.125	3.228	3.700	6.500	3.818	0.952	1.460	0.709
2.500	3.288	3.375	3.464	3.858	6.500	3.976	1.311	1.622	0.709
2.625	3.410	3.500	3.543	3.937	7.000	4.055	1.311	1.622	0.709
2.750	3.562	3.625	3.780	4.252	7.000	4.370	1.311	1.622	0.709
2.875	3.685	3.750	3.905	4.377	7.500	4.614	1.311	1.772	0.709
3.000	3.795	4.000	4.188	4.944	7.480	5.079	1.311	1.772	0.709
3.125	3.937	4.125	4.307	5.062	7.677	5.197	1.311	1.772	0.709
3.250	4.045	4.250	4.425	5.181	7.677	5.315	1.311	1.772	0.709
3.375	4.170	4.375	4.543	5.299	7.795	5.472	1.311	1.772	0.866
3.500	4.350	4.500	4.681	5.437	7.795	5.591	1.354	1.772	0.866
3.625	4.438	4.625	4.799	5.555	8.071	5.709	1.354	1.772	0.866
3.750	4.547	4.750	4.937	5.692	8.189	5.827	1.354	1.897	0.866
3.875	4.670	4.875	5.059	5.826	8.189	5.945	1.354	1.897	0.866
4.000	4.795	5.000	5.157	5.944	8.583	6.063	1.354	1.897	0.866
4.250	5.045	5.250	5.413	6.181	9.000	6.625	1.394	2.094	0.866
4.500	5.295	5.500	5.669	6.456	9.500	7.000	1.394	2.094	0.866
4.750	5.545	5.750	5.905	6.692	10.00	7.322	1.394	2.094	0.944
5.000	5.881	6.000	6.122	6.751	10.00	7.322	1.394	2.094	0.944