



S2846

API Double Cartridge Seal

Materials

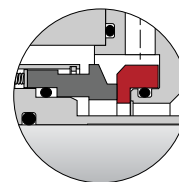
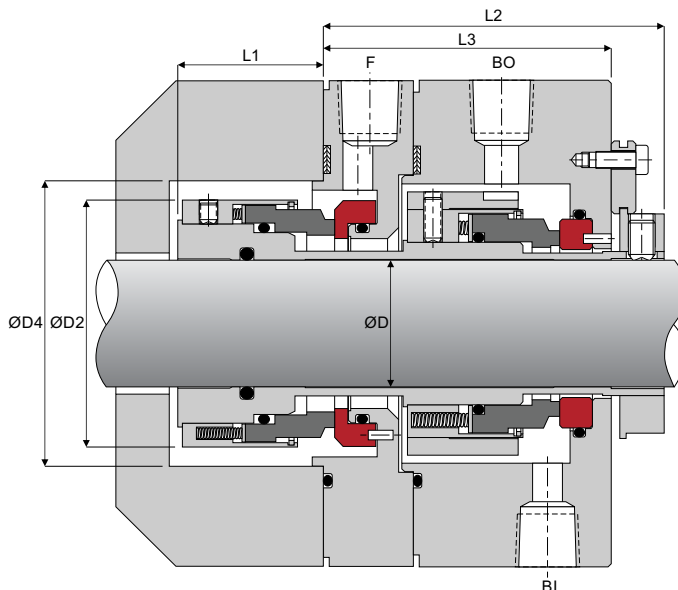
Stationary - SiC / SiC / TC
 Rotary - SiC / SiC / TC
 Elastomer - EPDM / Viton / Aflas / FFKM

Working Conditions

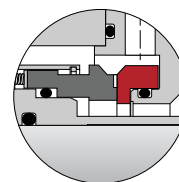
Pressure ≤ 69 bar
 Speed ≤ 25 m/s
 Temperature from -40°C up to 300°C

Features

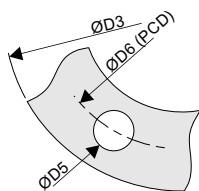
API 682
 Optional pumping device
 High pressure capability
 Floating quench
 Various Pressure options available
 - Low pressure
 - Medium pressure
 - High pressure



Optional Medium Pressure Design



Optional High Pressure Design



S2846 Gland

Details to be confirmed by customer:
 ØD3 - Gland OD
 ØD5 - Hole size (Stud size)
 ØD6 - Hole/Stud PCD
 Number of Bolts/Studs

Code	Shaft ØD Max		ØD2		ØD4 Min		L1		L2		L3	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
0222	22.2	(0.874)	63.6	(2.504)	70.0	(2.756)	47.0	(1.850)	104.4	(4.110)	86.3	(3.398)
0254	25.4	(1.000)	66.7	(2.626)	77.4	(3.047)	47.0	(1.850)	104.4	(4.110)	86.3	(3.398)
0286	28.6	(1.126)	69.9	(2.752)	80.0	(3.150)	47.0	(1.850)	112.4	(4.425)	94.3	(3.713)
0320	32.0	(1.260)	72.2	(2.843)	80.0	(3.150)	47.0	(1.850)	112.4	(4.425)	94.3	(3.713)
0350	35.0	(1.378)	76.2	(3.000)	87.0	(3.425)	47.0	(1.850)	112.4	(4.425)	94.3	(3.713)
0381	38.1	(1.500)	79.4	(3.126)	90.0	(3.543)	47.0	(1.850)	112.4	(4.425)	94.3	(3.713)
0412	41.2	(1.622)	82.6	(3.252)	90.0	(3.543)	50.2	(1.976)	117.1	(4.610)	99.0	(3.898)
0444	44.4	(1.748)	85.7	(3.374)	96.5	(3.799)	50.2	(1.976)	117.1	(4.610)	99.0	(3.898)
0480	48.0	(1.890)	88.9	(3.500)	99.7	(3.925)	50.2	(1.976)	117.1	(4.610)	99.0	(3.898)
0508	50.8	(2.000)	96.8	(3.811)	102.8	(4.047)	47.6	(1.874)	126.1	(4.965)	108.0	(4.252)
0539	53.9	(2.122)	100.0	(3.937)	106.0	(4.173)	47.6	(1.874)	126.1	(4.965)	108.0	(4.252)
0571	57.1	(2.248)	104.8	(4.126)	110.8	(4.362)	47.6	(1.874)	126.1	(4.965)	108.0	(4.252)
0603	60.3	(2.374)	108.0	(4.252)	114.0	(4.488)	53.1	(2.091)	126.1	(4.965)	108.0	(4.252)
0635	63.5	(2.500)	111.1	(4.374)	117.1	(4.610)	53.1	(2.091)	126.1	(4.965)	108.0	(4.252)
0666	66.6	(2.622)	114.3	(4.500)	120.3	(4.736)	53.1	(2.091)	126.1	(4.965)	108.0	(4.252)
0700	70.0	(2.756)	117.5	(4.626)	123.5	(4.862)	53.1	(2.091)	126.1	(4.965)	108.0	(4.252)
0730	73.0	(2.874)	120.7	(4.752)	126.7	(4.988)	53.1	(2.091)	126.1	(4.965)	108.0	(4.252)
0762	76.2	(3.000)	123.8	(4.874)	129.8	(5.110)	53.1	(2.091)	126.1	(4.965)	108.0	(4.252)
0793	79.3	(3.122)	130.2	(5.126)	136.2	(5.362)	53.1	(2.091)	126.1	(4.965)	108.0	(4.252)
0825	82.5	(3.248)	133.4	(5.252)	139.4	(5.488)	53.1	(2.091)	126.1	(4.965)	108.0	(4.252)
0857	85.7	(3.374)	136.5	(5.374)	142.5	(5.610)	53.1	(2.091)	129.1	(5.083)	108.0	(4.252)
0889	88.9	(3.500)	139.7	(5.500)	145.7	(5.736)	53.1	(2.091)	129.1	(5.083)	108.0	(4.252)
0920	92.0	(3.622)	142.9	(5.626)	148.9	(5.862)	49.3	(1.941)	132.9	(5.232)	111.8	(4.402)
0952	95.2	(3.748)	146.1	(5.752)	152.1	(5.988)	49.3	(1.941)	132.9	(5.232)	111.8	(4.402)
0984	98.4	(3.874)	149.2	(5.874)	155.2	(6.110)	49.3	(1.941)	132.9	(5.232)	111.8	(4.402)
1016	101.6	(4.000)	152.4	(6.000)	158.4	(6.236)	49.3	(1.941)	132.9	(5.232)	111.8	(4.402)
1047	104.7	(4.122)	155.6	(6.126)	161.6	(6.362)	49.3	(1.941)	132.9	(5.232)	111.8	(4.402)
1079	107.9	(4.248)	161.9	(6.374)	167.9	(6.610)	49.3	(1.941)	132.9	(5.232)	111.8	(4.402)
1111	111.1	(4.374)	165.1	(6.500)	171.1	(6.736)	53.2	(2.094)	132.9	(5.232)	111.8	(4.402)
1200	120.0	(4.724)	174.8	(6.882)	180.8	(7.118)	53.2	(2.094)	140.8	(5.543)	119.7	(4.713)