

Roflex®

A PCS BRAND



PCS
PROCESS CONTAINMENT
SOLUTIONS PTY LTD.



FEBRUARY 2017



MECHANICAL SEALS
A PCS BRAND

PCS supplies mechanical seals and associated products to the Oil & Gas, Power, Petro Chemical, Chemical and General Industries. PCS's repair and service center, enables us to refurbish mechanical seals to global standards.



MATERIAL INDEX

- A = Ceramic
- C = Carbon
- G = Graphite
- T = Nickle Bonded Tungsten
- S = Sintered Silicon
- H = Hastelloy
- 1 = 316 Stainless Steel
- V = Viton
- E = EPDM
- N = Nitrile
- P = PTFE
- X = Special to be Specified



CARTRIDGE SEALS



RS40C
SINGLE CARTRIDGE



RS41C
SINGLE CARTRIDGE



RS42C
DOUBLE CARTRIDGE



RS46C
SINGLE CARTRIDGE

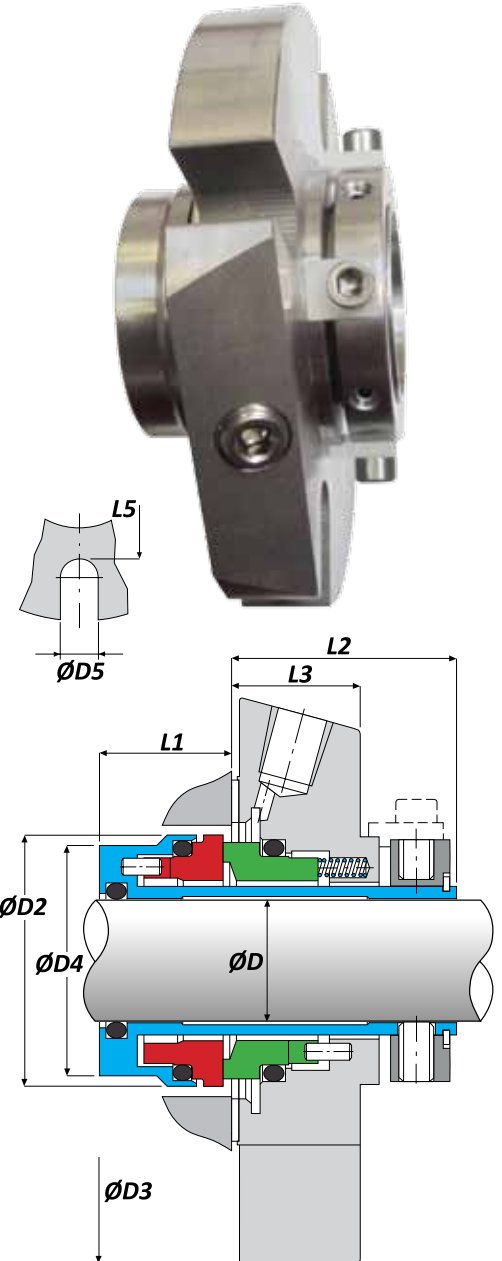
MATERIALS

Stationary : Car/Sil/TC
 Rotary : Sil/TC/Car
 Elastomer : NBR, EPDM, Vit, Aflas,
 Perlast

WORKING CONDITIONS

Pressure : 20 bar
 Speed : 23 m/s
 Temperature : -30 to 204°C

INCHES ØD	METRIC ØD	ØD2	ØD3	ØD5	L1	L2	L3	L5
1.000"	24	43.5	104	12.5	19.0	38	21.5	62
1.000"	25	43.5	104	12.5	19.0	38	21.5	62
1.125"	28	46.5	104	12.5	19.0	38	21.5	62
1.125"	30	48.5	104	12.5	19.0	38	21.5	65
1.250"	32	50.0	104	12.5	19.0	38	21.5	67
1.250"	33	50.0	104	12.5	19.0	38	21.5	67
1.375"	35	53.5	110	12.5	19.0	38	21.5	70
1.500"	38	56.5	125	14.7	19.0	38	21.5	75
1.500"	40	58.5	125	14.7	19.0	38	21.5	75
1.625"	40	60.5	133	14.7	19.0	38	21.5	80
1.625"	43	61.5	133	14.7	19.0	38	21.5	80
1.750"	45	63.5	140	14.7	19.0	38	21.5	81
1.875"	48	66.5	140	14.7	19.0	38	21.5	84
2.000"	50	68,5	140	14.7	19.0	38	21.5	87
2.125"	53	71,5	150	17.5	19.0	38	21.5	90
2.125"	55	73,5	150	17.5	19.0	38	21.5	92
2.250"	55	76.5	160	17.5	19.0	38	21.5	95
2.375"	60	78,5	160	17.5	19.0	38	21.5	100
2.500"	60	81.5	170	17.5	19.0	38	21.5	103
2.500"	65	83,5	165	17.5	19.0	38	21.5	105
2.625"	65	86.5	180	17.5	19.0	38	21.5	110
2.750"	70	88,5	180	17.5	19.0	38	21.5	120
2.875"	70	98.0	190	17.5	20.5	41.5	24.0	123
3.000"	75	100,0	190	17.5	20.5	41.5	24.0	125
3.125"	75	105,0	220	17.5	20.5	41.5	24.0	130
3.125"	80	105,0	190	17.5	20.5	41.5	24.0	130
3.250"	80	108.0	220	17.5	20.5	41.5	24.0	133
3.375"	85	110,0	220	21.5	20.5	41.5	24.0	135
3.500"	90	115,0	220	21.5	20.5	41.5	24.0	140
3.625"	90	117.0	220	21.5	20.5	41.5	24.0	142
3.750"	95	120,0	220	21.5	20.5	41.5	24.0	145
3.875"	100	125,0	220	21.5	20.5	41.5	24.0	145
4.000"	100	125,0	220	21.5	20.5	41.5	24.0	150
4.125"	105	130.0	240	21.5	20.5	43.5	30.0	170
4.250"	110	135.0	240	21.5	20.5	43.5	30.0	170
4.375"	110	135.0	240	21.5	20.5	43.5	30.0	170
4.500"	115	140.0	250	21.5	20.5	43.5	30.0	180
4.625"	120	145.0	250	21.5	20.5	43.5	30.0	180
4.750"	120	145.0	250	21.5	20.5	43.5	30.0	180
4.875"	125	150.0	250	21.5	20.5	43.5	30.0	180
5.000"	130	150.0	260	21.5	20.5	43.5	30.0	190



MATERIALS

Stationary : Car/Sil/TC
 Rotary : Sil/TC/Car
 Elastomer : NBR, EPDM, Vit, Aflas,
 Perlast

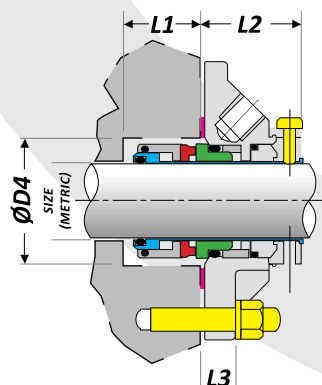
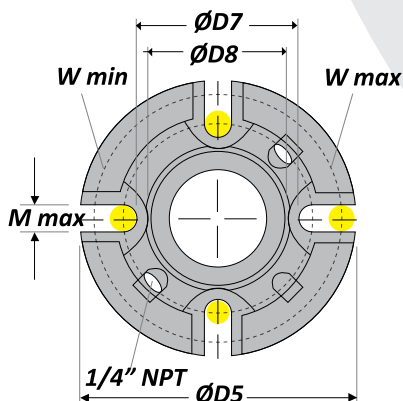
WORKING CONDITIONS

Pressure : 20 bar
 Speed : 23 m/s
 Temperature : -30 to 204°C

SIZE (METRIC)	Ø D5	Ø D7	Ø D8	L3	Ø D4 MIN	Ø D4 MAX	W MIN	W MAX	M	L1	L2
24	104,8	54,0	49,2	13,2	40,0	46,0	67,0	90,5	12	28,6	40,5
25	104,8	54,0	49,2	13,2	41,0	49,0	67,0	90,5	12	28,6	40,5
28	108,0	57,2	52,4	13,2	44,0	52,3	70,3	93,6	12	28,6	40,5
30	111,0	60,4	55,6	13,2	46,0	55,5	73,5	96,8	12	28,6	40,5
32	111,0	60,4	55,6	13,2	48,0	55,5	73,5	96,8	12	28,6	40,5
33	111,0	60,4	55,6	13,2	49,0	55,5	73,5	96,8	12	28,6	40,5
35	111,0	63,5	58,8	13,2	51,0	57,5	76,6	96,8	12	28,6	40,5
38	127,0	71,5	65,0	16,4	57,2	60,4	85,7	114,3	12	28,6	44,5
40	127,0	71,5	65,0	16,4	58,0	60,4	85,7	114,3	12	28,6	44,5
43	139,7	81,0	71,4	16,4	61,0	69,9	95,3	127,0	12	28,6	44,5
45	139,7	81,0	71,4	16,4	63,5	69,9	95,3	127,0	12	28,6	44,5
48	139,7	81,0	71,4	16,4	66,7	73,0	95,3	127,0	12	28,6	44,5
50	152,4	90,5	77,8	16,4	68,0	76,2	104,8	139,7	12	28,6	44,5
53	152,4	90,5	77,8	16,4	71,0	76,2	104,8	139,7	12	28,6	44,5
55	165,1	96,8	84,1	16,4	74,0	82,5	114,3	149,2	16	28,6	44,5
58	165,1	96,8	84,1	16,4	76,2	82,5	114,3	149,2	16	28,6	44,5
60	165,1	96,8	84,1	16,4	79,4	85,7	114,3	149,2	16	28,6	47,7
63	177,8	109,5	96,8	19,6	85,8	92,1	127,0	160,3	16	28,6	47,7
65	177,8	109,5	96,8	19,6	88,9	95,3	127,0	160,3	16	31,8	47,7
68	177,8	109,5	96,8	19,6	92,1	98,4	127,0	160,3	16	31,8	47,7
70	177,8	109,5	96,8	19,6	92,1	98,4	127,0	160,3	16	31,8	47,7
75	190,5	125,4	108,0	19,6	98,5	108,0	142,9	173,0	16	31,8	47,7
80	190,5	125,4	108,0	19,6	101,6	111,1	142,9	173,0	16	31,8	47,7
85	203,2	135,0	117,5	19,6	108,0	117,5	155,8	182,5	20	31,8	47,7
90	215,9	150,8	127,0	19,6	114,3	127,0	171,5	195,2	20	31,8	47,7
95	215,9	150,8	127,0	19,6	117,5	130,2	171,5	195,2	20	31,8	47,7
100	228,6	168,3	136,5	19,6	123,9	139,7	188,9	207,9	20	31,8	47,7
105	228,6	168,3	136,5	19,6	130,1	149,2	189,0	208,0	20	31,8	47,7
110	241,3	177,8	146,1	19,6	136,5	158,8	198,4	220,6	20	31,8	47,7
115	254,0	186,6	155,6	19,6	142,9	168,3	211,1	230,2	22	31,8	47,7
120	254,0	186,6	155,6	19,6	142,9	168,3	211,1	230,2	22	31,8	47,7
125	254,0	186,6	155,6	19,6	142,9	168,3	211,1	230,2	22	31,8	47,7



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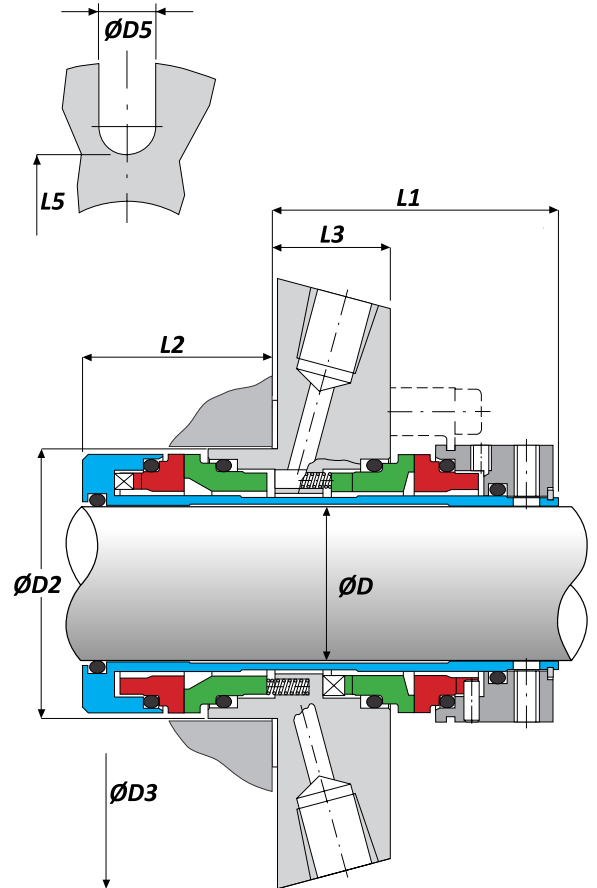
MATERIALS

Stationary : Car/Sil/TC
 Rotary : Sil/TC/Car
 Elastomer : NBR, EPDM, Vit, Aflas,
 Perlast

WORKING CONDITIONS

Pressure : 20 bar
 Speed : 23 m/s
 Temperature : -30 to 204°C

INCHES ØD	METRIC ØD	ØD2	ØD3	ØD5	L1	L2	L3	L5
1.000	24	44.7	104	12.5	54	35	24	62
1.000	25	44.7	104	12.5	54	35	24	62
1.125	28	47.7	104	12.5	54	35	24	62
1.125	30	49.7	104	12.5	54	35	24	65
1.250	32	50.9	104	12.5	54	35	24	67
1.250	33	50.9	104	12.5	54	35	24	67
1.375	35	54.7	110	12.5	54	35	24	70
1.500	38	57.7	125	14.7	54	35	24	75
1.500	40	59.7	125	14.7	54	35	24	75
1.625	40	61.7	133	14.7	54	35	24	80
1.625	43	62.7	133	14.7	54	35	24	80
1.750	45	64.7	140	14.7	54	35	24	81
1.875	48	67.7	140	14.7	54	35	24	84
2.000	50	69.7	140	14.7	54	35	24	87
2.125	53	72.7	150	17.5	54	35	24	90
2.125	55	74.7	150	17.5	54	35	24	92
2.250	55	76.7	160	17.5	54	35	24	95
2.375	60	79.7	160	17.5	54	35	24	100
2.500	60	82.7	170	17.5	54	35	24	103
2.500	65	84.7	165	17.5	54	35	24	105
2.625	65	86.7	180	17.5	54	35	24	110
2.750	70	89.7	180	17.5	54	35	24	120
2.875	70	100.8	190	17.5	54	35	24	123
3.000	75	102.8	190	17.5	58	39	24	125
3.125	75	107.8	190	17.5	58	39	25	130
3.125	80	107.8	190	17.5	58	39	25	130
3.250	80	110.8	190	17.5	58	39	25	133
3.375	85	112.8	220	21.5	58	39	25	135
3.500	90	117.8	220	21.5	58	39	25	140
3.625	90	119.8	220	21.5	58	39	25	142
3.750	95	122.8	220	21.5	58	39	25	145
3.875	100	127.8	220	21.5	58	39	25	150
4.000	100	127.8	220	21.5	58	39	25	150



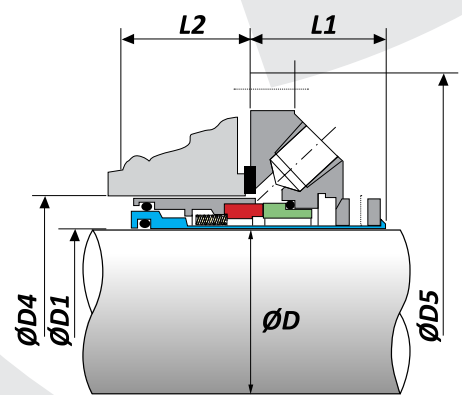
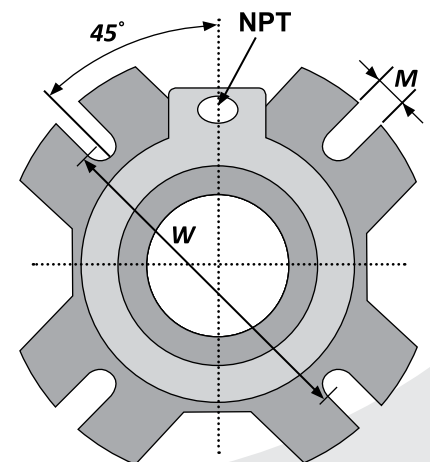
MATERIALS

Stationary : Car/Sil/TC
 Rotary : Sil/TC/Car
 Elastomer : NBR, EPDM, Vit, Aflas,
 Perlast

WORKING CONDITIONS

Pressure : 15 bar
 Speed : 20 m/s
 Temperature : up to 180°C

INCHES ØD	D4 MIN	D4 MAX	D5	L1	L2 MIN	W MIN	W MAX	M
1.000	1.615	1.940	4.125	1.476	1.260	2.62	3.75	0.437
1.125	1.730	2.060	4.250	1.476	1.260	2.75	3.87	0.437
1.250	1.875	2.190	4.370	1.476	1.260	2.87	4.00	0.437
1.375	2.000	2.310	4.500	1.476	1.260	3.06	4.12	0.437
1.500	2.250	2.500	5.000	1.516	1.299	3.43	4.50	0.563
1.625	2.360	2.500	5.000	1.516	1.299	3.43	4.50	0.563
1.750	2.500	2.625	5.250	1.516	1.299	3.56	4.75	0.563
1.875	2.625	3.000	5.500	1.516	1.299	3.87	5.00	0.563
2.000	2.750	3.000	5.500	1.516	1.299	3.87	5.00	0.563
2.125	2.875	3.310	5.750	1.516	1.299	4.37	5.12	0.689
2.250	3.000	3.310	5.750	1.516	1.299	4.37	5.12	0.689
2.375	3.130	3.560	6.000	1.516	1.299	4.62	5.37	0.689
2.500	3.250	3.875	6.250	1.535	1.417	4.87	5.62	0.689
2.625	3.500	3.875	6.250	1.535	1.417	4.87	5.62	0.811
2.750	3.740	3.875	6.250	1.535	1.417	4.87	5.62	0.811
2.875	4.000	4.500	8.110	1.811	1.673	5.71	6.59	0.811
3.000	4.000	4.500	8.110	1.811	1.673	5.71	6.59	0.811
3.125	4.252	4.748	8.110	1.811	1.673	5.94	6.59	0.811
3.250	4.252	4.748	8.110	1.811	1.673	5.94	6.59	0.811
3.375	4.370	4.874	8.110	1.811	1.673	6.06	6.59	0.811
3.500	4.500	5.000	8.504	1.811	1.673	6.22	6.98	0.811
3.625	4.626	5.118	8.504	1.811	1.673	6.30	6.98	0.811
3.750	4.752	5.252	9.685	1.811	1.673	6.46	8.17	0.811
3.875	4.874	5.374	9.685	1.811	1.673	6.57	8.17	0.811
4.000	5.000	5.512	9.685	1.811	1.673	6.73	8.17	0.811
4.125	5.252	5.906	9.685	2.441	1.732	7.13	8.80	0.811
4.250	5.252	5.906	9.685	2.441	1.732	7.13	8.80	0.811
4.375	5.500	6.102	9.685	2.441	1.732	7.40	8.80	0.811
4.500	5.500	6.102	9.685	2.441	1.732	7.40	8.80	0.811
4.625	5.752	6.378	10.472	2.441	1.732	7.64	8.80	0.811
4.750	5.752	6.378	10.472	2.441	1.732	7.64	8.80	0.811
4.875	6.299	6.929	10.472	2.441	1.732	8.27	9.98	0.811
5.000	6.299	6.929	10.472	2.441	1.732	8.27	9.98	0.811
5.125	6.299	6.929	10.472	2.441	1.732	8.27	9.98	0.811
5.250	6.850	7.480	11.654	2.441	1.732	8.90	10.84	0.937
5.375	6.850	7.480	11.654	2.441	1.732	8.90	10.84	0.937
5.500	6.850	7.480	11.654	2.441	1.732	8.90	10.84	0.937
5.625	6.850	7.480	11.654	2.441	1.732	8.90	10.84	0.937
METRIC ØD	D4 MIN	D4 MAX	D5	L1	L2 MIN	W MIN	W MAX	M
24	40.0	49.2	104.8	37.5	32.0	66.7	95.3	11.1
25	41.0	49.2	104.8	37.5	32.0	66.7	95.3	11.1
28	44.0	52.4	108.0	37.5	32.0	69.9	98.4	11.1
30	46.0	55.6	111.0	37.5	32.0	73.0	101.6	11.1
32	47.6	55.6	111.0	37.5	32.0	73.0	101.6	11.1
33	49.0	58.7	114.3	37.5	32.0	77.8	104.6	11.1
35	50.8	58.7	114.3	38.5	32.0	77.8	104.6	11.1
38	57.2	63.5	127.0	38.5	33.0	87.3	114.3	14.3
40	60.0	63.5	127.0	38.5	33.0	87.3	114.3	14.3
43	63.0	66.7	133.4	38.5	33.0	90.5	120.7	14.3
45	63.5	66.7	133.4	38.5	33.0	90.5	120.7	14.3
48	66.7	76.2	139.7	38.5	33.0	98.4	127.0	14.3
50	69.8	76.2	139.7	38.5	33.0	98.4	127.0	14.3
53	73.0	84.1	146.0	38.5	33.0	111.1	130.2	17.5
55	73.0	84.1	146.0	38.5	33.0	111.1	130.2	17.5
58	79.4	90.5	152.4	38.5	33.0	117.5	136.5	17.5
60	79.4	90.5	152.4	38.5	33.0	117.5	136.5	17.5
63	82.6	98.4	158.8	39.0	36.5	123.8	142.9	17.5
65	88.9	98.4	158.8	39.0	36.5	123.8	142.9	17.5
70	95.0	98.4	158.8	39.0	36.5	123.8	142.9	17.5
75	101.6	114.3	206.0	46.0	42.5	145.0	167.0	20.6
80	108.0	120.6	206.0	46.0	42.5	151.0	167.0	20.6
85	111.0	123.6	206.0	46.0	42.5	154.0	167.0	20.6
90	117.5	130.0	216.0	46.0	42.5	160.0	177.0	20.6
95	120.7	133.4	246.0	46.0	42.5	164.0	207.0	20.6
100	127.0	140.0	246.0	46.0	42.5	171.0	207.0	20.6
105	133.4	150.0	246.0	62.0	44.0	181.0	223.0	20.6
110	139.7	155.0	246.0	62.0	44.0	188.0	223.0	20.6
115	139.7	155.0	246.0	62.0	44.0	188.0	223.0	20.6
120	146.1	162.0	256.0	62.0	44.0	194.0	223.0	20.6
125	160.0	176.0	266.0	62.0	44.0	210.0	253.0	20.6
130	160.0	176.0	266.0	62.0	44.0	210.0	253.0	20.6
135	174.0	190.0	299.0	62.0	44.0	226.0	275.0	23.6
140	174.0	190.0	299.0	62.0	44.0	226.0	275.0	23.6



COMPONENT SEALS



RS210
NON PUSHER SEAL



RSG1/12/13
NON PUSHER SEAL



RS502
NON PUSHER SEAL



RSG9
NON PUSHER SEAL



RS10T/10R
PTFE BELLOWS



RSM7
PUSHER SEAL



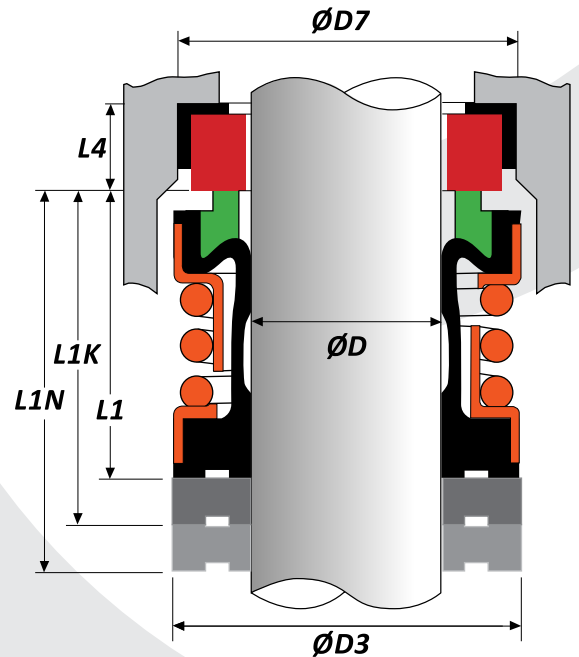
MATERIALS

Stationary : Cer/Sic
Rotary : Car/Sic
Elastomer : NBR, EPDM, Vit

WORKING CONDITIONS

Pressure : 15 bar
Speed : 10 m/s
Temperature : -30 to 150°C

METRIC SHAFT SIZE ØD	ØD3	L1	L1K	L1N	ØD7	L4
10	20	15	27.5	35.0	21	5
12	22	15	26.5	34.0	23	6
14	24	15	29.0	34.0	25	6
15	25	15	29.0	34.0	26	6
16	26	15	29.0	34.0	27	6
18	32	20	31.5	39.0	33	6
20	34	20	31.5	39.0	35	6
22	36	20	31.5	39.0	37	6
24	38	20	34.0	44.0	39	6
25	39	20	34.0	44.0	40	6
28	42	26	36.5	44.0	43	6
30	44	26	35.5	43.0	45	7
32	46	26	35.5	48.0	48	7
33	47	26	35.5	48.0	48	7
35	49	26	34.5	47.0	50	8
38	54	30	37.0	47.0	56	8
40	56	30	37.0	47.0	58	8
43	59	30	37.0	52.0	61	8
45	61	30	37.0	52.0	63	8
48	64	30	35.0	50.0	66	10
50	66	30	37.5	50.0	70	10
53	69	30	37.5	60.0	73	10
55	71	30	37.5	60.0	75	10
58	78	33	42.5	60.0	78	10
60	80	33	40.5	58.0	80	12
63	83	33	40.5	58.0	83	12
65	85	33	40.5	68.0	85	12
68	88	33	40.5	68.0	90	12
70	90	33	48.0	68.0	92	12
75	99	40	48.0	68.0	97	12
80	104	40	47.5	77.5	105	14
85	109	40	47.5	77.5	110	14
90	114	40	52.5	77.5	115	14
95	119	40	52.5	77.5	120	14
100	124	40	52.5	77.5	125	14



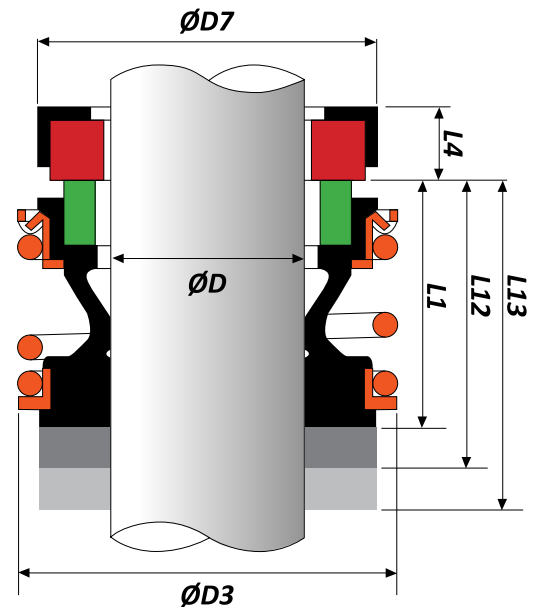
MATERIALS

Stationary : Cer/Sil
Rotary : Cer/Sil
Elastomer : Vit,NBR,EPDM

WORKING CONDITIONS

Pressure : 15 bar
Speed : 10 m/s
Temperature : -20 to 140°C

SIZE (METRIC)	ØD7	ØD3	L1	L12	L13
10	21	22.5	14.5	33,4	25
12	23	25.0	15.0	33,4	25
14	25	28.5	17.0	33,4	25
15	25	28.5	17.0	33,4	25
16	27	28.5	17.0	33,4	25
18	33	32.0	19.5	37,5	25
19	33	37.0	21.5	37,5	25
20	35	37.0	21.5	37,5	25
22	37	37.0	21.5	37,5	25
24	39	42.5	22.5	42,5	25
25	40	42.5	23.0	42,5	25
28	43	49.0	26.5	42,5	33
30	45	49.0	26.5	42,5	33
32	48	53.5	27.5	47,5	33
33	48	53.5	27.5	47,5	33
35	50	57.0	28.5	47,5	33
38	56	59.0	30.0	46,0	33
40	58	62.0	30.0	46,0	33
42	58	65.5	30.0	51,0	41
43	61	65.5	30.0	51,0	41
45	63	68.0	30.0	51,0	41
48	66	70.5	30.5	51,0	41
50	70	74.0	30.5	50,5	41
53	73	78.5	33.0	59,0	41
55	75	81.0	35.0	59,0	41
58	78	85.5	37.0	59,0	41
60	80	88.5	38.0	59,0	41
65	85	93.5	40.0	69,0	49
68	90	96.5	40.0	68,7	49
70	92	99.5	40.0	68,7	49
75	97	107.0	40.0	68,7	52
80	105	112.0	40.0	78,0	56
85	110	120.0	41.0	76,0	56
90	115	127.0	45.0	76,0	59
95	120	132.0	46.0	76,0	59
100	125	137.0	47.0	76,0	62



RS502

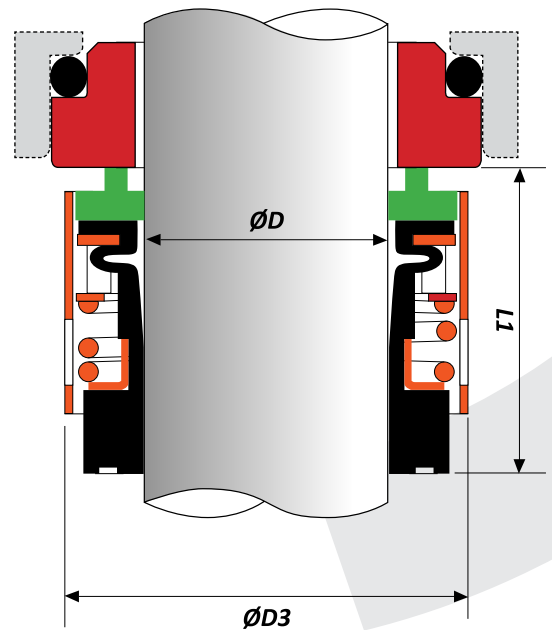
MATERIALS

Stationary : TC/Sil
Rotary : Sil/Car/TC
Elastomer : Vit,NBR,EPDM

WORKING CONDITIONS

Pressure : 25 bar
Speed : 15 m/s
Temperature : -20°C to 120°C

SIZE METRIC	ØD3	L1
14	24	23.0
16	26	23.0
18	32	24.0
20	34	24.0
22	36	24.0
24	38	26.7
25	39	27.0
28	42	30.0
30	44	30.5
32	46	30.5
33	47	30.5
35	49	30.5
38	54	32.0
40	56	32.0
43	59	32.0
45	61	32.0
48	64	32.0
50	66	34.0
53	69	34.0
55	71	34.0
58	78	39.0
60	80	39.0
63	83	39.0
65	85	39.0
68	88	39.0
70	89	45.5
75	96	45.5
80	104	45.0
85	108	45.0
90	114	50.0
95	118	50.0
100	124	50.0



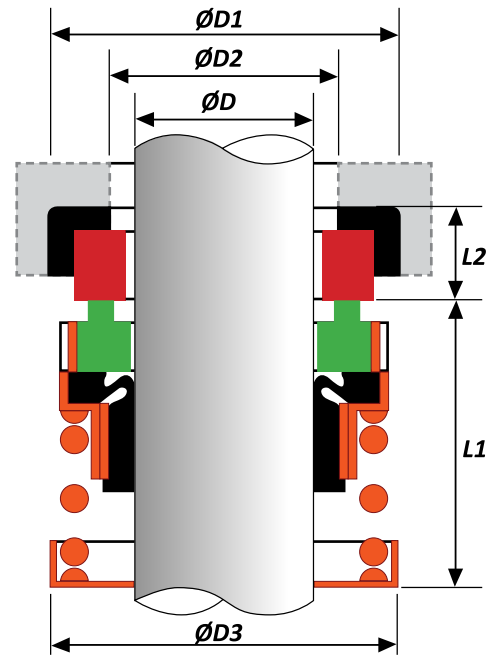
MATERIALS

Stationary : Sil/TC/Car
 Rotary : Sil/Car/TC
 Elastomer : NBR, EPDM, Vit

WORKING CONDITIONS

Pressure : 10 bar
 Speed : 15 m/s
 Temperature : -20°C to 120°C

SIZE METRIC	ØD1	ØD2	ØD3	L1	L2
10	21	17	20.05	23.9	8.6
12	23	19	21.70	23.9	8.6
14	25	21	24.00	26.4	8.6
16	27	23	26.65	26.4	8.6
18	33	27	30.35	27.5	10.0
20	35	29	33.50	27.5	10.0
22	37	31	33.55	27.5	10.0
24	39	33	38.00	30.0	10.0
25	40	34	39.50	30.0	10.0
28	43	37	42.20	32.5	10.0
30	45	39	43.95	32.5	10.0
32	48	42	46.00	32.5	10.0
33	48	42	46.00	32.5	10.0
35	50	44	49.10	32.5	10.0
38	56	49	53.00	34.0	11.0
40	58	51	56.00	34.0	11.0
43	61	54	58.80	34.0	11.0
45	63	56	61.20	34.0	11.0
48	66	59	64.00	34.0	11.0
50	70	62	66.00	34.5	13.0
53	73	65	70.65	34.5	13.0
55	75	67	71.65	34.5	13.0
58	76	70	79.60	39.5	13.0
60	80	72	78.40	39.5	13.0
63	83	75	81.50	39.5	13.0
65	85	77	84.30	39.5	13.0
69	90	81	89.65	37.2	13.0
70	92	83	89.65	44.7	15.3
75	97	88	96.80	44.7	15.3
80	105	95	104.00	44.3	15.7
85	110	100	107.95	44.3	15.7
90	115	105	111.10	49.3	15.7
95	120	110	119.00	49.3	15.7
100	125	115	124.00	49.3	15.7



RS8-1/9U

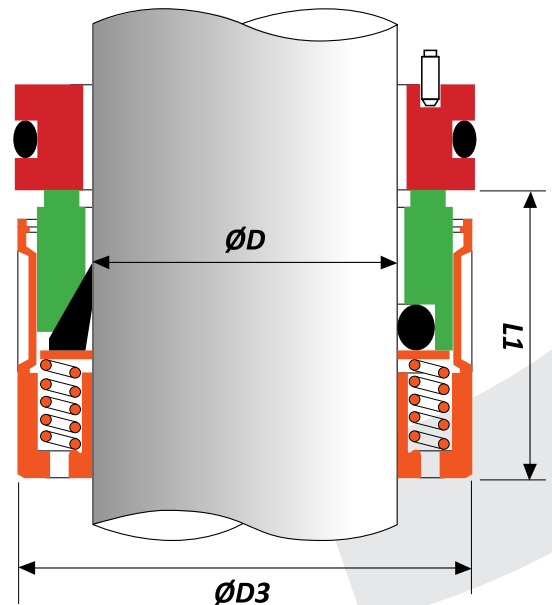
MATERIALS

Stationary : Sil/TC/Car
 Rotary : Sil/Car/TC
 Elastomer : NBR, EPDM, Vit

WORKING CONDITIONS

Pressure : 10 bar
 Speed : 15 m/s
 Temperature : -20°C to 120°C

SIZE METRIC	ØD3	L1
10	20.05	23.9
12	21.70	23.9
14	24.00	26.4
16	26.65	26.4
18	30.35	27.5
20	33.50	27.5
22	33.55	27.5
24	38.00	30.0
25	39.50	30.0
28	42.20	32.5
30	43.95	32.5
32	46.00	32.5
33	46.00	32.5
35	49.10	32.5
38	53.00	34.0
40	56.00	34.0
43	58.80	34.0
45	61.20	34.0
48	64.00	34.0
50	66.00	34.5
53	70.65	34.5
55	71.65	34.5
58	79.60	39.5
60	78.40	39.5
63	81.50	39.5
65	84.30	39.5
69	89.65	37.2
70	89.65	44.7
75	96.80	44.7
80	104.00	44.3
85	107.95	44.3
90	111.10	49.3
95	119.00	49.3
100	124.00	49.3



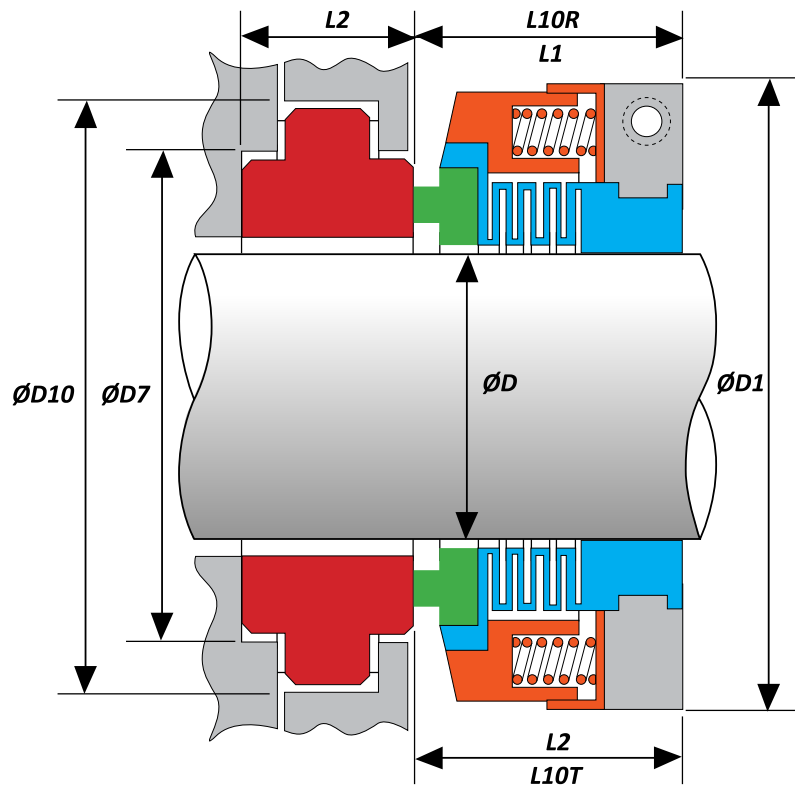
MATERIALS

Stationary : Cer/Sil
 Rotary : Car/Sil/Tef.
 Elastomer : PTFE

WORKING CONDITIONS

Pressure : 12 bar
 Speed : 15 m/s
 Temperature : -30°C to 120°C

SIZE INCH	ØD1	ØD2	ØD3	L1	L2
25.40	42.86	54	60	33.2	17.6
28.60	50.80	65	67	36.2	27.0
31.75	53.96	68	69	37.2	27.0
34.93	57.15	71	72	38.2	27.0
38.10	63.50	78	76	38.2	27.0
41.28	66.68	81	80	40.2	27.0
44.45	69.85	84	84	40.2	27.0
47.63	73.03	87	86	43.2	27.0
50.80	79.38	97	90	43.2	33.3



RSM7

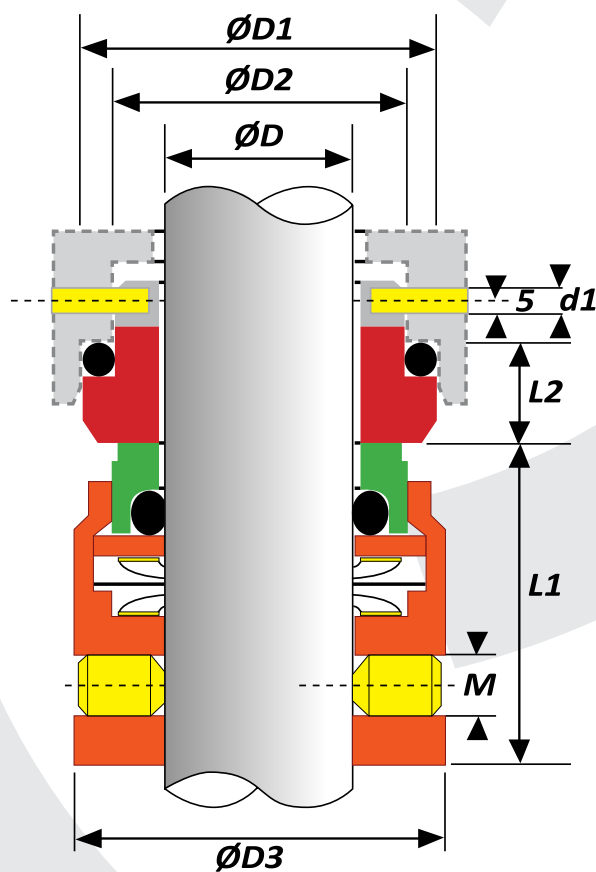
MATERIALS

Stationary : Sic/TC/Car
 Rotary : Sic/TC/Car
 Elastomer : NBR, EPDM, Vit

WORKING CONDITIONS

Pressure : 25 bar
 Speed : 20 m/s
 Temperature : up to 205°C

METRIC SHAFT ØD	L1	ØD3
14	25.0	25
16	25.0	27
18	26.0	33
20	26.0	35
22	26.0	37
24	28.5	39
25	28.5	40
28	31.0	43
30	31.0	45
32	31.0	47
33	31.0	48
35	31.0	50
38	31.0	55
40	31.0	57
43	31.0	60
45	31.0	62
48	31.0	65
50	32.5	67
53	32.5	70
55	32.5	72
58	37.5	79
60	37.5	81
63	37.5	84
65	37.5	86
68	34.5	89
70	42.0	91
75	42.0	99
80	41.8	104



ROFLEX	BURGMANN	JOHN CRANE	AESSEAL	FLOWSERVE	LATTY	ROPLAN	ROTEN	STERLING	VULCAN	CHESTERTON
RSG9-G60	MG912/ D1-G60	T521	PO3	PAC-SEAL 240	T400	RB03	52/L4K	TYPE 522	TYPE 24	-
RS210	-	T2100	B05	PAC SEAL 140	-	-	-	TYPE 540	T 14DIN	-
RSG1	MG1		B02	PAC-SEAL 190	T700	L3		SMG1	19	-
RSG12	MG12									
RSG13	MG13									
RS502		T502	B07					524	1724	-
RS10T 10R	-	T10T	-	-	-	-	-	-	-	-
RS10R		T10R								
RS521L		T521L								-
RS7N	M7N	T8-1	M01S					290S	1609S	-
RSH7N	H7N	T8B1	M02S					290BS	1609BS	
RS59U	BT-C56-KU	T59U	M03					259	1659	
RS59B		T59B	M04					259B	1659B	
RS109		T109								
RS8-1		T8-1								
RS8B1		T8B1								
RS109B		T109B								
RSM3	M3									
RS7N	H7N									
RS1A		T1A								
RS2		T2								
RS85	MFL85N									
RS87		T680								
RS40C	CARTEX S									
RS41C	CARTEX S									
RS42C	CARTEX D									
RS46C		T4610								



STATIONARY SEATS



RS6
O-RING SEAT



RSN
CUP RUBBER SEAT



RS9
PINNED O-RING SEAL



RS13
O-RING SEAT



RSBO
O-RING SEAT



RSBP
PINNED O-RING SEAT



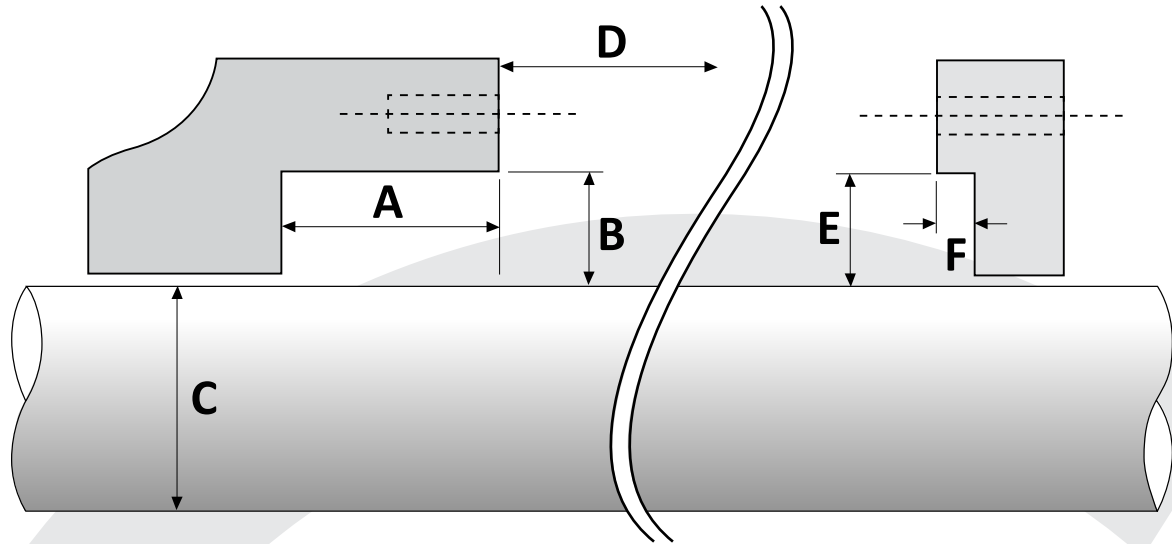
RSA
PINNED PTFE SEAT RING



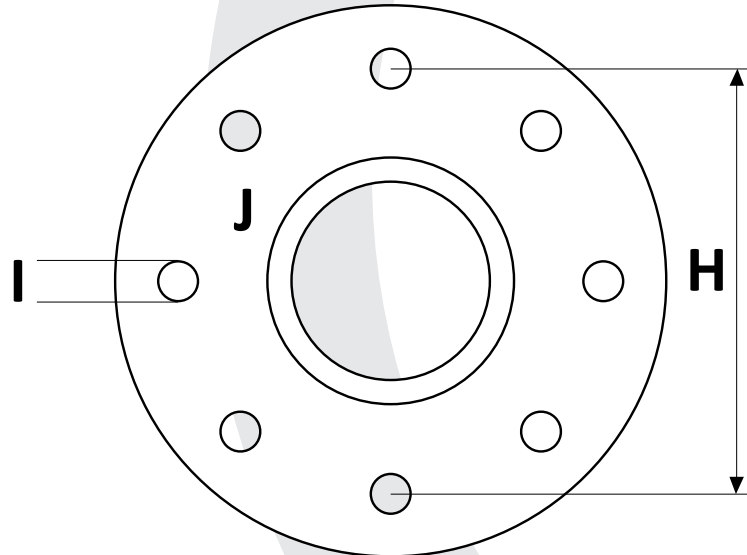
RSW
PINNED O-RING SEAT



RSV
PTFE GASKETS



PUMP STUFFING BOX
SIZE OF HOLE / BOLT / STUD / PCD OF NO. OF HOLE



A		STUFFING BOX DEPTH
B		STUFFING BOX ID
C		SHAFT SIZE
D		DISTANCE TO CLOSEST OBSTRUCTION
E		CLAMP PLATE ID
F		CLAMP PLATE SET DEPTH
H		PCD
I		SIZE OF HOLE
J		NO OF HOLES

FEATURES

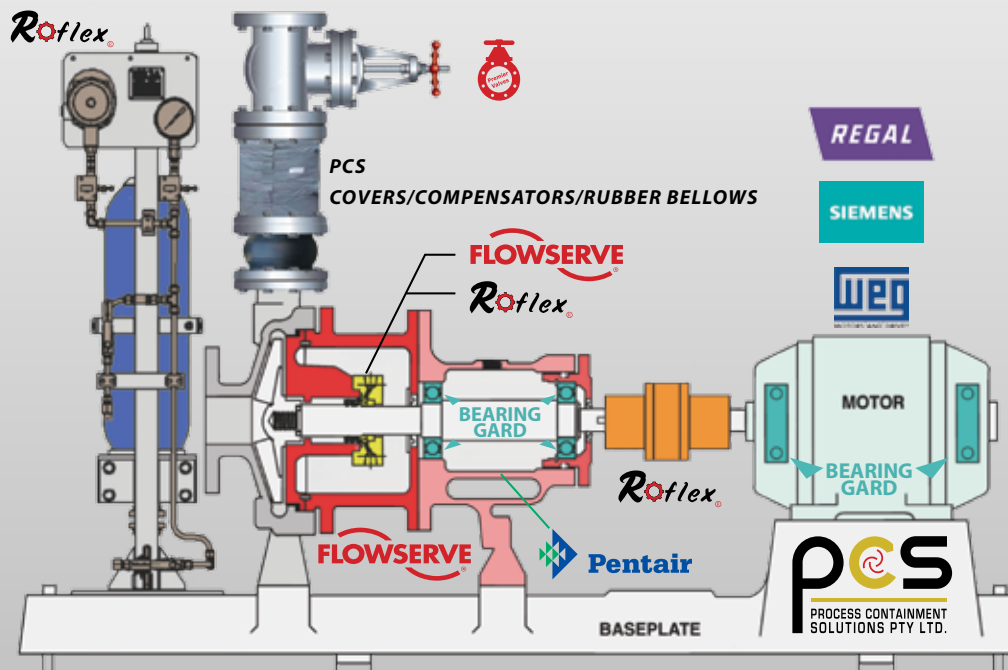
- Ease of Installation
- Independently rotating hubs for motor test
- High misalignment capability
- Elastomeric inserts Chemically resistant
- Fast and easy change out
- No re-alignment required after change out
- No nuts & bolts required for assembly
- Good weight to power ratio's
- No metal on metal wearing parts

OPERATING PARAMETERS

- Maximum Shaft Size 210mm
- Maximum Torque 5,500 Nm
- Operating Temp Standard -15°C to +80 °C



OTHER PCS BRANDS



CAPE TOWN

POST NET SUITE 347,
PRIVATE BAG X15,
SOMERSET WEST,
WESTERN CAPE, 7129
TEL +27 (0)21 851 9264

DURBAN

19A THE AVENUE EAST,
UNIT 2&3 HILBRON PARK,
PROSPECTON,
DURBAN, 4133
TEL +27 (0)31 9021220

RICHARDS BAY

4 PAROT FISH
MEERENSEE,
RICHARDS BAY, 3901
TEL +27 (0)83 273 0139

JOHANNESBURG

AYOBA / PCS
UNIT 8 JOANIQUE ECO PARK,
NO. 186, 2ND AVENUE,
FLORENTIA, ALBERTON,
TEL +27 (0)11 869 2275
Cel: +27 (0)82 449 7734

